



Schneider Electric GmbH
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 MACHINES & PROCESS ARCHITECTURES
 ARCHITECTURE DEFINITION & SUPPORT
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PREFERRED IMPLEMENTATION: DP CANopen OPTIMIZED

PLANT DESIGNATION :
 DRAWING NUMBER : 33003614

=DCO

DEPARTMENT : Machines & Process Architectures
 PRODUCT DOMAIN : AUTOMATION
 CAD-SYSTEM : EPLAN 5.70
 RELATED PRODUCTS : TWIDO, ALTIVAR, MAGELIS, OTB, FTB, CANopen

INCOMING SUPPLY : 400V 3~, N, PE 50Hz
 FEEDER : 5x2,5mm²
 POWER INPUT : 7,5 KW
 CONTROL VOLTAGE : 24V DC
 MANUFACTURING DATE : 2006
 CABINET TYPE : SAREL
 CHECKED TO : VDE 0100/ EN 60204 T1

RESPONSIBLE FOR PROJECT : Machines & Process Architectures
 EDITOR : SEG
 DATE CHANGED : 13.11.06
 PROJECT REVISION :

CHANGE INDEX

0

THIS DOCUMENTATION HAS BEEN PRODUCED USING CAD-SYSTEM EPLAN.
 ANY ALTERATIONS WITHOUT THE PERMISSION OF RESPONSIBLE DEPARTMENT
 VORBITTEN

NUMBER OF PAGES : 284

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|--------|------|--------|------------|------------|--------|----------------------|-------------|----------------|---------|
| | | Date | 14.02.06 | | | DP CANopen OPTIMIZED | Cover sheet | Drawing number | = COVE |
| | | User. | hoe | | | MP&A/AD&S | | 33003614 | + COVER |
| | | Check. | 11.07.2006 | | | Created by. | | COVER1 | Pa. 1 |
| Change | Date | Name | Stand. | 27.09.2006 | First. | Created for | | | DCO |
| | | | | | | | | | 4 Bl. |

General project informations

WUPB001 22.04.1996

LEGEND OF ABBREVIATION

= SHEET GROUPS

| TERM | DESCRIPTION |
|------|------------------------|
| COVE | FLEYLEAF |
| CONT | CONTENT |
| LAYP | LAYOUT PLAN |
| WIRP | WIRING PLAN |
| DECP | DEVICE CONNECTION PLAN |
| TERP | TERMINAL PLAN |
| CABP | CABLE PLAN |
| PART | PART LIST |

+ FUNCTION GROUPS

| TERM | DESCRIPTION |
|------------|-----------------------------|
| PSD | POWER SUPPLY & DISTRIBUTION |
| PLC | CONTROL |
| HMI | INDICATION |
| COM | COMMUNICATION |
| MOV | MOVEMENT |
| SAF | SAFETY |
| INDEX | |
| 1, 2, 3... | REMOTE CABINETS 1, 2, 3... |

EXAMPLE

BUSBAR, TRANSFORMER; INCOMMING SUPPLY & DISTRIBUTION
 PLC; CONTROLLER INSIDE
 HMI
 NETWORK; PUSHBUTTON; LIGHT
 MOTORSTARTER; VVD; SERVO
 ESTOP; SAFETY MODULE; -CONTROLLER

 HMI 2=HMI INSIDE THE 2ND REMOTE CABINET

- DEVICES

| TERM | DESCRIPTION |
|------|-----------------------|
| F | PROTECTION |
| K | SIGNAL OPERATION |
| M | MECHANICAL ENERGY |
| P | INFORMATION |
| R | LIMITATION |
| S | SIGNAL CHANGE |
| SP | SIGNAL CHANGE |
| T | ENERGY TRANSFORMATION |
| W | TRANSMISSION WAY |
| Q | SWITCH OF ENERGY |
| X | CONNECTION |

| EXAMPLE |
|------------------------------|
| FUSE |
| RELAY; CONTACTOR |
| MOTOR |
| LIGHT; INDICATION |
| RESISTANT |
| SWITCH |
| SWITCH AND INDICATION |
| TRANSFORMER; VVD |
| CABLE |
| MAIN SWITCH; CIRCUIT-BREAKER |
| TERMINAL |

| TERM | DESCRIPTION |
|------|---|
| DT | PUSHBUTTON |
| ST | KEY BUTTON |
| SS | KEY-OPERATED SWITCH |
| KS | KNOB SWITCH |
| LDT | ILLUMINATED PUSHBUTTON |
| LM | SIGNAL LAMP |
| DRS | PUSHBUTTON WITH RATCHET/ SAFETY LOCK |
| EPB | MUSHROOM-BUTTON |

Colour code

| | | |
|----|--------------|------|
| 1 | black | BK |
| 2 | brown | BN |
| 3 | red | RD |
| 4 | orange | OG |
| 5 | yellow | YE |
| 6 | green | GN |
| 7 | blue | BU |
| 8 | violet | VT |
| 9 | grey | GY |
| 10 | white | WH |
| 11 | pink | PK |
| 12 | gold | GD |
| 13 | turquoise | TQ |
| 14 | silver | SR |
| 15 | green-yellow | GNYE |

Conductor (colours)

| | |
|-----------------------------|-----------|
| Main circuit | black |
| Control circuit (230vac) | red |
| Control circuit (120vac) | red |
| Control circuit 24vdc plus | dark blue |
| Control circuit 24vdc minus | dark blue |
| Control circuit +-15v/0v | violet |
| External voltage | orange |

CABINET MAKE

SAREL

CABINET COLOUR

RAL 7032 (PEBBLE GREY)

MOUNTING PLATE

GALVANISED

Colour code

Command-+ warning device

| | | |
|------|--------|----|
| ...1 | white | WH |
| ...2 | black | BK |
| ...3 | green | GN |
| ...4 | red | RD |
| ...5 | yellow | YE |
| ...6 | blue | BU |

USE UL-CSA APPROBATED CABLE !
PG-GLAND, IF SHIELDED, USE METAL !

ON
 OFF
POSITION IS OFF

Terminal blocks

+UV-X0=ON SITE

+PSD-X01=POWER SUPPLY
+PSD-X02=CONTROL
+PSD-XWIR1=POWER SUPPLY WIRP1
+PSD-XWIR2=POWER SUPPLY WIRP2
+PSD-XWIR3=POWER SUPPLY WIRP3
+PSD-XWIR4=POWER SUPPLY WIRP4
+PSD-XWIR5=POWER SUPPLY WIRP5

+PLC-K01=PLC
+PLC-K03=PLC

+COM-X03=CONTROL VOLTAGE
+COM-XS01=PLUG START, STOP, MANUEL-AUTO
+COM-XP01=SIGNAL LAMP
+COM-XSCAN1=CANOPEN

+MOV-XM01=MOTOR1
+MOV-XM02=MOTOR2
+MOV-XM03=MOTOR3
+MOV-XM04=MOTOR4

+SAF-XLC=LIGHT CURTAIN
+SAF-XNA=EMERGENCY STOP
+SAF-XSNA1=EMERGENCY STOP WIRP4
+SAF-X1K05=LIGHT CURTAIN

+SAF-X2K05=LIGHT CURTAIN
+SAF-XS04=LIMIT SWITCH
+SAF-XS05=LIMIT SWITCH

+PSD2-XWIR2=POWER SUPPLY WIRP 2

+PLC2-K01=PLC
+PLC2-XSCAN1=CANOPEN
+PLC2-XSCAN2=CANOPEN

+COM2-XS01=PLUG START, STOP, MANUEL-AUTO

+COM2-X03=CONTROL VOLTAGE

+PSD3-XWIR3=POWER SUPPLY WIRP 3

+PLC3-K01=PLC
+PLC3-XSCAN1=CANOPEN
+PLC3-XSCAN2=CANOPEN

+COM3-X03=CONTROL VOLTAGE
+COM3-XS01=CONVEYOR 3
+COM3-XS02=BUTTON ON LOCATION

+PSD4-X01W4=POWER SUPPLY WIRP4
+PSD4-XWIR4=CONTROL VOLTAGE WIRP4
+PSD4-XWIRP4=TERMINAL OV

+PLC4-K01=PLC
+PLC4-K02=PLC
+PLC4-XSCAN1=CANOPEN
+PLC4-XSCAN2=CANOPEN

+COM4-X03=CONTROL VOLTAGE
+COM4-XS01=PLUG START, STOP, MANUEL-AUTO
+COM4-XS02=CONVEYOR 2

+MOV4-XM01=MOTOR 1
+MOV4-XM02=MOTOR 2

+SAF4-XNA=EMERGENCY STOP
+SAF4-XSNA1=EMERGENCY STOP PUSHBUTTON
+SAF4-XS03=SWITCH AT DOOR

+COM5-K101=FTB
+COM5-K102=FTB
+COM5-K103=FTB
+COM5-K104=FTB

Informations about changes

WUPB002 22.04.1996

| No. | Date | Editor | Changes | Plant | Location | Page |
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| Date | 14.02.06 |  Schneider Electric | DP CANopen OPTIMIZED | INFORMATIONS ABOUT CHANGES | Drawing number 33003614 | = COVE + COVER |
| User. | PVH | | MP&A/AD&S | | COVER4 | Pa. 4 |
| Check. | | | Created for | Created by. | | DCO |
| Change | Date | Name | Stand. | First. | | |

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| =COVE+COVER/2 | LEGEND OF ABBREVIATION | | 23.08.06 | hoe | |
| =COVE+COVER/3 | Wiring summary | | 18.09.06 | SEG | |
| =COVE+COVER/4 | INFORMATIONS ABOUT CHANGES | | 23.08.06 | PVH | x |
| =CONT+CON/1 | Contents | | 18.09.06 | HOE | x |
| =CONT+CON/2 | Contents | | 18.09.06 | HOE | x |
| =CONT+CON/3 | Contents | | 18.09.06 | HOE | x |
| =CONT+CON/4 | Contents | | 18.09.06 | HOE | x |
| =CONT+CON/5 | Contents | | 18.09.06 | HOE | x |
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=COVE+COVER/4

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| =LAYP+LAY/5 | CABINET H2 | | 18.09.06 | hoe | |
| =LAYP+LAY/6 | CABINET H3 | | 18.09.06 | hoe | |
| =LAYP+LAY/7 | CABINET H4 | | 18.09.06 | hoe | |
| =LAYP+LAY/8 | CABINET H4 | | 18.09.06 | hoe | |
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| =LAYP+LAY/15 | REMOTE CONTROL 2 | | 23.08.06 | hoe | |
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| =LAYP+LAY/17 | CABLE-AND PLUG PRODUCTION HAN 6 + SH | | 23.08.06 | hoe | |
| =LAYP+LAY/18 | CABLE-AND PLUG PRODUCTION HAN 6 6 | | 23.08.06 | hoe | |
| =LAYP+LAY/19 | CABLE-AND PLUG PRODUCTION | | 23.08.06 | SEG | |
| =LAYP+LAY/20 | CABLE-AND PLUG PRODUCTION | | 23.08.06 | SEG | |
| =LAYP+LAY/21 | CABLE-AND PLUG PRODUCTION | | 23.08.06 | SEG | |
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| =WIRP1+PSD/2 | VOLTAGE SUPPLY 24V DC | | 18.09.06 | hoe | |
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| =WIRP1+PLC/5 | TWIDO PLC IN/ OUTPUT | | 18.09.06 | hoe | |
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| =WIRP1+HMI/1 | TEXT DISPLAY CONTROL SYSTEM | | 11.09.06 | hoe | |
| =WIRP1+COM/1 | INPUT MODULE PLANT START | | 18.09.06 | hoe | |
| =WIRP1+COM/2 | INPUT MODULE PLANT START ON SITE | | 23.08.06 | hoe | |
| =WIRP1+COM/3 | INPUT MODULE PLANT START | | 18.09.06 | hoe | |
| =WIRP1+COM/4 | CANOPEN BUS DISTRIBUTION BOX | | 23.08.06 | hoe | |
| =WIRP1+MOV/1 | SOFT START MOTOR 1 | | 18.09.06 | hoe | |
| =WIRP1+MOV/2 | SOFT START MOTOR 2 | | 18.09.06 | hoe | |
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| =WIRP1+SAF/1 | EMERGENCY STOP KAT 3 | | 18.09.06 | hoe | |
| =WIRP1+SAF/2 | EMERGENCY STOP KAT 3 | | 18.09.06 | hoe | |
| =WIRP1+SAF/3 | EMERGENCY STOP KAT 3 | | 18.09.06 | hoe | |
| =WIRP2+PSD2/1 | VOLTAGE SUPPLY 24V DC | | 18.09.06 | hoe | |
| =WIRP2+PLC2/1 | VOLTAGE SUPPLY PLC | | 18.09.06 | hoe | |
| =WIRP2+PLC2/2 | TWIDO PLC IN/ OUTPUT | | 18.09.06 | hoe | |
| =WIRP2+COM2/1 | CONVEYOR 1 | | 18.09.06 | hoe | |
| =WIRP2+COM2/2 | REMOTE CONTROL PANEL | | 13.09.06 | hoe | |
| =WIRP3+PSD3/1 | VOLTAGE SUPPLY 24V DC | | 18.09.06 | hoe | |
| =WIRP3+PLC3/1 | VOLTAGE SUPPLY PLC | | 18.09.06 | hoe | |
| =WIRP3+PLC3/2 | TWIDO PLC IN/ OUTPUT | | 18.09.06 | hoe | |
| =WIRP3+COM3/1 | REMOTE CONTROL PANEL | | 18.09.06 | hoe | |
| =WIRP3+COM3/2 | REMOTE CONTROL PANEL | | 23.08.06 | hoe | |
| =WIRP3+COM3/3 | CONVEYOR 2 | | 18.09.06 | hoe | |
| =WIRP3+COM3/4 | REMOTE CONTROL PANEL | | 23.08.06 | hoe | |
| =WIRP4+PSD4/1 | POWER SUPPLY REMOTE PANEL | | 23.08.06 | hoe | |
| =WIRP4+PSD4/2 | VOLTAGE SUPPLY 24V DC | | 18.09.06 | hoe | |
| =WIRP4+PLC4/1 | VOLTAGE SUPPLY PLC | | 18.09.06 | hoe | |
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| =WIRP4+PLC4/4 | TWIDO PLC IN/ OUTPUT | | 18.09.06 | hoe | |
| =WIRP4+COM4/1 | REMOTE CONTROL PANEL CONVEYOR 1 | | 18.09.06 | hoe | |
| =WIRP4+COM4/2 | REMOTE CONTROL PANEL CONVEYOR 4 | | 23.08.06 | hoe | |
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| =WIRP4+MOV4/1 | SOFT DRIVE CONVEYER 1 | | 18.09.06 | hoe | |
| =WIRP4+MOV4/2 | SOFT DRIVE CONVEYER 2 | | 18.09.06 | hoe | |
| =WIRP4+SAF4/1 | EMERGENCY STOP KAT 3 | | 23.08.06 | hoe | |
| =WIRP4+SAF4/2 | LIMIT SWITCH SAFETY GATE | | 18.09.06 | HOE | |
| =WIRP5+COM5/1 | 24V DC VOLTAGE SUPPLY FDB FIELD | | 18.09.06 | HOE | |
| =WIRP5+COM5/2 | 24V DC SUPPLY FTB | | 18.09.06 | HOE | |
| =WIRP5+COM5/3 | SPLITTERBOXES FTB IP67 I/O K101 | | 18.09.06 | HOE | |
| =WIRP5+COM5/4 | SPLITTERBOXES FTB IP67 I/O K102 | | 18.09.06 | HOE | |
| =WIRP5+COM5/5 | SPLITTERBOXES FTB IP67 I/O K103 | | 18.09.06 | HOE | |
| =WIRP5+COM5/6 | SPLITTERBOXES FTB IP67 I/O K104 | | 18.09.06 | HOE | |
| =WIRP5+COM5/8 | VOLTAGE SUPPLY PLC | | 18.09.06 | hoe | |
| =WIRP5+COM5/9 | VOLTAGE SUPPLY PLC | | 18.09.06 | hoe | |
| =WIRP5+COM5/10 | FTB IP67 I/O | | 18.09.06 | HOE | |
| =WIRP5+COM5/11 | FTB IP67 I/O | | 18.09.06 | HOE | |


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| =WIRP5+COM5/13 | VOLTAGE SUPPLY PLC | | 18.09.06 | hoe | |
| =WIRP5+COM5/14 | FTB IP67 I/O | | 18.09.06 | HOE | |
| =WIRP5+COM5/15 | FTB IP67 I/O | | 18.09.06 | HOE | |
| =WIRP5+COM5/16 | VOLTAGE SUPPLY PLC | | 18.09.06 | hoe | |
| =WIRP5+COM5/17 | VOLTAGE SUPPLY PLC | | 18.09.06 | hoe | |
| =WIRP5+COM5/18 | FTB IP67 I/O | | 18.09.06 | HOE | |
| =WIRP5+COM5/19 | FTB IP67 I/O | | 18.09.06 | HOE | |
| =WIRP5+COM5/20 | VOLTAGE SUPPLY PLC | | 18.09.06 | hoe | |
| =WIRP5+COM5/21 | VOLTAGE SUPPLY PLC | | 18.09.06 | hoe | |
| =WIRP5+COM5/22 | FTB IP67 I/O | | 18.09.06 | HOE | |
| =WIRP5+COM5/23 | FTB IP67 I/O | | 18.09.06 | HOE | |
| =DECP/1 | ON SITE | | 18.09.06 | SEG | |
| =DECP/2 | CONTROL | | 18.09.06 | SEG | |
| =DECP/3 | CONTROL | | 18.09.06 | SEG | |
| =DECP/4 | CONTROL VOLTAGE | | 18.09.06 | SEG | |
| =DECP/5 | LIGHT CURTAIN | | 18.09.06 | SEG | |
| =DECP/6 | EMERGENCY STOP | | 18.09.06 | SEG | |
| =DECP/7 | CONTROL VOLTAGE | | 18.09.06 | SEG | |
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| =DECP/11 | EMERGENCY STOP | | 18.09.06 | SEG | |
| =DECP/12 | POWER SUPPLY | | 18.09.06 | SEG | |
| =DECP/13 | POWER SUPPLY WIRP1 | | 18.09.06 | SEG | |
| =DECP/14 | POWER SUPPLY WIRP2 | | 18.09.06 | SEG | |
| =DECP/15 | POWER SUPPLY WIRP3 | | 18.09.06 | SEG | |
| =DECP/16 | POWER SUPPLY WIRP4 | | 18.09.06 | SEG | |
| =DECP/17 | POWER SUPPLY WIRP5 | | 18.09.06 | SEG | |
| =DECP/18 | PLUG START, STOP, MANUEL-AUTO | | 18.09.06 | SEG | |
| =DECP/19 | SIGNAL LAMP | | 18.09.06 | SEG | |
| =DECP/20 | CANOPEN | | 18.09.06 | SEG | |
| =DECP/21 | MOTOR1 | | 18.09.06 | SEG | |
| =DECP/22 | MOTOR2 | | 18.09.06 | SEG | |
| =DECP/23 | MOTOR3 | | 18.09.06 | SEG | |
| =DECP/24 | MOTOR4 | | 18.09.06 | SEG | |
| =DECP/25 | EMERGENCY STOP WIRP4 | | 18.09.06 | SEG | |
| =DECP/26 | LIMIT SWITCH | | 18.09.06 | SEG | |
| =DECP/27 | LIMIT SWITCH | | 18.09.06 | SEG | |
| =DECP/28 | POWER SUPPLY WIRP 2 | | 18.09.06 | SEG | |


| | | | | | | |
|--------|----------|--|----------------------|----------|----------------|--------|
| Date | 14.02.06 |  | DP CANopen OPTIMIZED | Contents | Drawing number | = CONT |
| User. | HOE | | MP&A/AD&S | | 33003614 | + CON |
| Check. | | | Created for | | CON 7 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 15 Bl. |

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|----------|-------------------------------|-------------------|----------|------|---|
| =DECP/29 | CANOPEN | | 18.09.06 | SEG | |
| =DECP/30 | CANOPEN | | 18.09.06 | SEG | |
| =DECP/31 | PLUG START, STOP, MANUEL-AUTO | | 18.09.06 | SEG | |
| =DECP/32 | POWER SUPPLY WIRP 3 | | 18.09.06 | SEG | |
| =DECP/33 | CANOPEN | | 18.09.06 | SEG | |
| =DECP/34 | CANOPEN | | 18.09.06 | SEG | |
| =DECP/35 | CONVEYOR 3 | | 18.09.06 | SEG | |
| =DECP/36 | BUTTON ON LOCATION | | 18.09.06 | SEG | |
| =DECP/37 | POWER SUPPLY WIRP4 | | 18.09.06 | SEG | |
| =DECP/38 | CONTROL VOLTAGE WIRP4 | | 18.09.06 | SEG | |
| =DECP/39 | CANOPEN | | 18.09.06 | SEG | |
| =DECP/40 | CANOPEN | | 18.09.06 | SEG | |
| =DECP/41 | PLUG START, STOP, MANUEL-AUTO | | 18.09.06 | SEG | |
| =DECP/42 | CONVEYOR 2 | | 18.09.06 | SEG | |
| =DECP/43 | MOTOR 1 | | 18.09.06 | SEG | |
| =DECP/44 | MOTOR 2 | | 18.09.06 | SEG | |
| =DECP/45 | EMERGENCY STOP PUSHBUTTON | | 18.09.06 | SEG | |
| =DECP/46 | SWITCH AT DOOR | | 18.09.06 | SEG | |
| =DECP/47 | FTB | | 18.09.06 | SEG | |
| =DECP/48 | FTB | | 18.09.06 | SEG | |

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|----------|-------------------------------|-------------------|----------|------|---|
| =DECP/49 | FTB | | 18.09.06 | SEG | |
| =DECP/50 | FTB | | 18.09.06 | SEG | |
| =DECP/51 | FTB | | 18.09.06 | SEG | |
| =TERP0/1 | TERMINAL BLOCKS OVERVIEW | | 18.09.06 | SEG | |
| =TERP0/2 | TERMINAL BLOCKS OVERVIEW | | 18.09.06 | SEG | |
| =TERP0/3 | TERMINAL BLOCKS OVERVIEW | | 18.09.06 | SEG | |
| =TERP/1 | +UV-X0 ON SITE | | 18.09.06 | SEG | |
| =TERP/2 | +PSD-X02 CONTROL | | 18.09.06 | SEG | |
| =TERP/3 | +COM-X03 CONTROL VOLTAGE | | 18.09.06 | SEG | |
| =TERP/4 | +SAF-XLC LIGHT CURTAIN | | 18.09.06 | SEG | |
| =TERP/5 | +SAF-XNA EMERGENCY STOP | | 18.09.06 | SEG | |
| =TERP/6 | +COM2-X03 CONTROL VOLTAGE | | 18.09.06 | SEG | |
| =TERP/7 | +COM3-X03 CONTROL VOLTAGE | | 18.09.06 | SEG | |
| =TERP/8 | +PSD4-XWIRP4 TERMINAL OV | | 18.09.06 | SEG | |
| =TERP/9 | +COM4-X03 CONTROL VOLTAGE | | 18.09.06 | SEG | |
| =TERP/10 | +SAF4-XNA EMERGENCY STOP | | 18.09.06 | SEG | |
| =TERP/11 | +PSD-X01 POWER SUPPLY | | 18.09.06 | SEG | |
| =TERP/12 | +PSD-XWIR1 POWER SUPPLY WIRP1 | | 18.09.06 | SEG | |
| =TERP/13 | +PSD-XWIR2 POWER SUPPLY WIRP2 | | 18.09.06 | SEG | |
| =TERP/14 | +PSD-XWIR3 POWER SUPPLY WIRP3 | | 18.09.06 | SEG | |





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|--------|------|----------|--------|---|--|----------------------|--|----------|----------------|--------|--------|--|
| Date | | 14.02.06 | |    |  | DP CANopen OPTIMIZED | | Contents | Drawing number | | = CONT | |
| User. | | HOE | | | | MP&A/AD&S | | | 33003614 | | + CON | |
| Check. | | | | | | Created for | | | CON 9 | | DCO | |
| Change | Date | Name | Stand. | First. | Created by. | | | | | 15 Bl. | | |

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|----------|--|-------------------|----------|------|---|
| =TERP/15 | +PSD-XWIR4 POWER SUPPLY WIRP4 | | 18.09.06 | SEG | |
| =TERP/16 | +PSD-XWIR5 POWER SUPPLY WIRP5 | | 18.09.06 | SEG | |
| =TERP/17 | +COM-XS01 PLUG START, STOP, MANUEL-AUTO | | 18.09.06 | SEG | |
| =TERP/18 | +COM-XP01 SIGNAL LAMP | | 18.09.06 | SEG | |
| =TERP/19 | +COM-XSCAN1 CANOPEN | | 18.09.06 | SEG | |
| =TERP/20 | +MOV-XM01 MOTOR1 | | 18.09.06 | SEG | |
| =TERP/21 | +MOV-XM02 MOTOR2 | | 18.09.06 | SEG | |
| =TERP/22 | +MOV-XM03 MOTOR3 | | 18.09.06 | SEG | |
| =TERP/23 | +MOV-XM04 MOTOR4 | | 18.09.06 | SEG | |
| =TERP/24 | +SAF-XSNA1 EMERGENCY STOP WIRP4 | | 18.09.06 | SEG | |
| =TERP/25 | +SAF-XS04 LIMIT SWITCH | | 18.09.06 | SEG | |
| =TERP/26 | +SAF-XS05 LIMIT SWITCH | | 18.09.06 | SEG | |
| =TERP/27 | +PSD2-XWIR2 POWER SUPPLY WIRP 2 | | 18.09.06 | SEG | |
| =TERP/28 | +PLC2-XSCAN1 CANOPEN | | 18.09.06 | SEG | |
| =TERP/29 | +PLC2-XSCAN2 CANOPEN | | 18.09.06 | SEG | |
| =TERP/30 | +COM2-XS01 PLUG START, STOP, MANUEL-AUTO | | 18.09.06 | SEG | |
| =TERP/31 | +PSD3-XWIR3 POWER SUPPLY WIRP 3 | | 18.09.06 | SEG | |
| =TERP/32 | +PLC3-XSCAN1 CANOPEN | | 18.09.06 | SEG | |
| =TERP/33 | +PLC3-XSCAN2 CANOPEN | | 18.09.06 | SEG | |
| =TERP/34 | +COM3-XS01 CONVEYOR 3 | | 18.09.06 | SEG | |





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|--------|----------|---|--|----------------------|-------------|----------------|--------|--------|
| Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | Contents | Drawing number | = CONT | |
| User. | HOE | | | MP&A/AD&S | | 33003614 | + CON | |
| Check. | | | | Created by. | | CON 10 | DCO | Pa. 10 |
| Change | Date | Name | Stand. | First. | Created for | CON 10 | DCO | 15 Bl. |

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| Page | Page designation | Suppl. page field | Date | User | X |
|----------|--|-------------------|----------|------|---|
| =TERP/35 | +COM3-XS02 BUTTON ON LOCATION | | 18.09.06 | SEG | |
| =TERP/36 | +PSD4-X01W4 POWER SUPPLY WIRP4 | | 18.09.06 | SEG | |
| =TERP/37 | +PSD4-XWIR4 CONTROL VOLTAGE WIRP4 | | 18.09.06 | SEG | |
| =TERP/38 | +PLC4-XSCAN1 CANOPEN | | 18.09.06 | SEG | |
| =TERP/39 | +PLC4-XSCAN2 CANOPEN | | 18.09.06 | SEG | |
| =TERP/40 | +COM4-XS01 PLUG START, STOP, MANUEL-AUTO | | 18.09.06 | SEG | |
| =TERP/41 | +COM4-XS02 CONVEYOR 2 | | 18.09.06 | SEG | |
| =TERP/42 | +MOV4-XM01 MOTOR 1 | | 18.09.06 | SEG | |
| =TERP/43 | +MOV4-XM02 MOTOR 2 | | 18.09.06 | SEG | |
| =TERP/44 | +SAF4-XSNA1 EMERGENCY STOP PUSHBUTTON | | 18.09.06 | SEG | |
| =TERP/45 | +SAF4-XS03 SWITCH AT DOOR | | 18.09.06 | SEG | |
| =TERP/46 | +COM5-K101 FTB | | 18.09.06 | SEG | |
| =TERP/47 | +COM5-K101 FTB | | 18.09.06 | SEG | |
| =TERP/48 | +COM5-K102 FTB | | 18.09.06 | SEG | |
| =TERP/49 | +COM5-K102 FTB | | 18.09.06 | SEG | |
| =TERP/50 | +COM5-K103 FTB | | 18.09.06 | SEG | |
| =TERP/51 | +COM5-K103 FTB | | 18.09.06 | SEG | |
| =TERP/52 | +COM5-K104 FTB | | 18.09.06 | SEG | |
| =TERP/53 | +COM5-K104 FTB | | 18.09.06 | SEG | |
| =CABPO/1 | CABLE OVERVIEW | | 18.09.06 | SEG | |

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| Page | Page designation | Suppl. page field | Date | User | X |
|----------|----------------------------------|-------------------|----------|------|---|
| =CABP0/2 | CABLE OVERVIEW | | 18.09.06 | SEG | |
| =CABP/1 | +PSD-WWIR01 H4 PANEL | | 18.09.06 | SEG | |
| =CABP/2 | +PSD-WX001 POWER SUPPLY | | 18.09.06 | SEG | |
| =CABP/3 | +PSD-WXWIR2 TO CABINET H2 | | 18.09.06 | SEG | |
| =CABP/4 | +PSD-WXWIR3 TO CABINET H3 | | 18.09.06 | SEG | |
| =CABP/5 | +PSD-WXWIR4 TO CABINET H4 | | 18.09.06 | SEG | |
| =CABP/6 | +PSD-WXWIR5 TO FIELD FDB H5 | | 18.09.06 | SEG | |
| =CABP/7 | +COM-W1 | | 18.09.06 | SEG | |
| =CABP/8 | +COM-WP01 STEADY LIGHT SIGNALING | | 18.09.06 | SEG | |
| =CABP/9 | +COM-WS01 START, STOP, HAND | | 18.09.06 | SEG | |
| =CABP/10 | +MOV-WM01 DRIVE | | 18.09.06 | SEG | |
| =CABP/11 | +MOV-WM02 DRIVE | | 18.09.06 | SEG | |
| =CABP/12 | +MOV-WM03 DRIVE | | 18.09.06 | SEG | |
| =CABP/13 | +MOV-WM04 DRIVE | | 18.09.06 | SEG | |
| =CABP/14 | +SAF-WLC01 RECEIVER | | 18.09.06 | SEG | |
| =CABP/15 | +SAF-WLC02 TRANSMITTER | | 18.09.06 | SEG | |
| =CABP/16 | +SAF-WS01 EMERGENCY STOP | | 18.09.06 | SEG | |
| =CABP/17 | +SAF-WS04 LIMIT SWITCH 1 | | 18.09.06 | SEG | |
| =CABP/18 | +SAF-WS05 LIMIT SWITCH 1 | | 18.09.06 | SEG | |
| =CABP/19 | +COM2-WS01 START, STOP, HAND | | 18.09.06 | SEG | |


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|--------|----------|--|----------------------|----------|----------------|--------|
| Date | 14.02.06 |  | DP CANopen OPTIMIZED | Contents | Drawing number | = CONT |
| User. | HOE | | MP&A/AD&S | | 33003614 | + CON |
| Check. | | | Created for | | CON 12 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 15 Bl. |

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| Page | Page designation | Suppl. page field | Date | User | X |
|----------|---|-------------------|----------|------|---|
| =CABP/20 | +COM3-WS01 CONVEYER 2 LEFT, STOP, RIGHT | | 18.09.06 | SEG | |
| =CABP/21 | +COM3-WS02 START, STOP, HAND | | 18.09.06 | SEG | |
| =CABP/22 | +COM4-WS01 START, STOP, HAND | | 18.09.06 | SEG | |
| =CABP/23 | +COM4-WS04 CONVEYER 2 LEFT, STOP, RIGHT | | 18.09.06 | SEG | |
| =CABP/24 | +MOV4-WM01 DRIVE | | 18.09.06 | SEG | |
| =CABP/25 | +MOV4-WM02 DRIVE | | 18.09.06 | SEG | |
| =CABP/26 | +SAF4-WS03 LIMIT SWITCH 1 | | 18.09.06 | SEG | |
| =CABP/27 | +COM5-WB01 LIGHT BARRIER | | 18.09.06 | SEG | |
| =CABP/28 | +COM5-WB02 LIGHT BARRIER | | 18.09.06 | SEG | |
| =CABP/29 | +COM5-WB03 LIGHT BARRIER | | 18.09.06 | SEG | |
| =CABP/30 | +COM5-WB04 INITIATOR | | 18.09.06 | SEG | |
| =CABP/31 | +COM5-WB05 INITIATOR | | 18.09.06 | SEG | |
| =CABP/32 | +COM5-WB06 INITIATOR | | 18.09.06 | SEG | |
| =CABP/33 | +COM5-WB07 INITIATOR | | 18.09.06 | SEG | |
| =CABP/34 | +COM5-WB08 LIGHT BARRIER | | 18.09.06 | SEG | |
| =CABP/35 | +COM5-WB09 LIGHT BARRIER | | 18.09.06 | SEG | |
| =PART/1 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/2 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/3 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/4 | LIST OF PARTS | | 18.09.06 | PVH | |





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|--------|----------|---|--|----------------------|-------------|----------------|--------|
| Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | Contents | Drawing number | = CONT |
| User. | HOE | | | MP&A/AD&S | | 33003614 | + CON |
| Check. | | | | Created by. | | CON 13 | DCO |
| Change | Date | Name | Stand. | First. | Created for | | 15 Bl. |

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| Page | Page designation | Suppl. page field | Date | User | X |
|----------|------------------|-------------------|----------|------|---|
| =PART/5 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/6 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/7 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/8 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/9 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/10 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/11 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/12 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/13 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/14 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/15 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/16 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/17 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/18 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/19 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/20 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/21 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/22 | LIST OF PARTS | | 18.09.06 | PVH | |
| =PART/23 | LIST OF PARTS | | 18.09.06 | PVH | |
| =ORDER/1 | ORDER LIST | | 18.09.06 | SEG | |





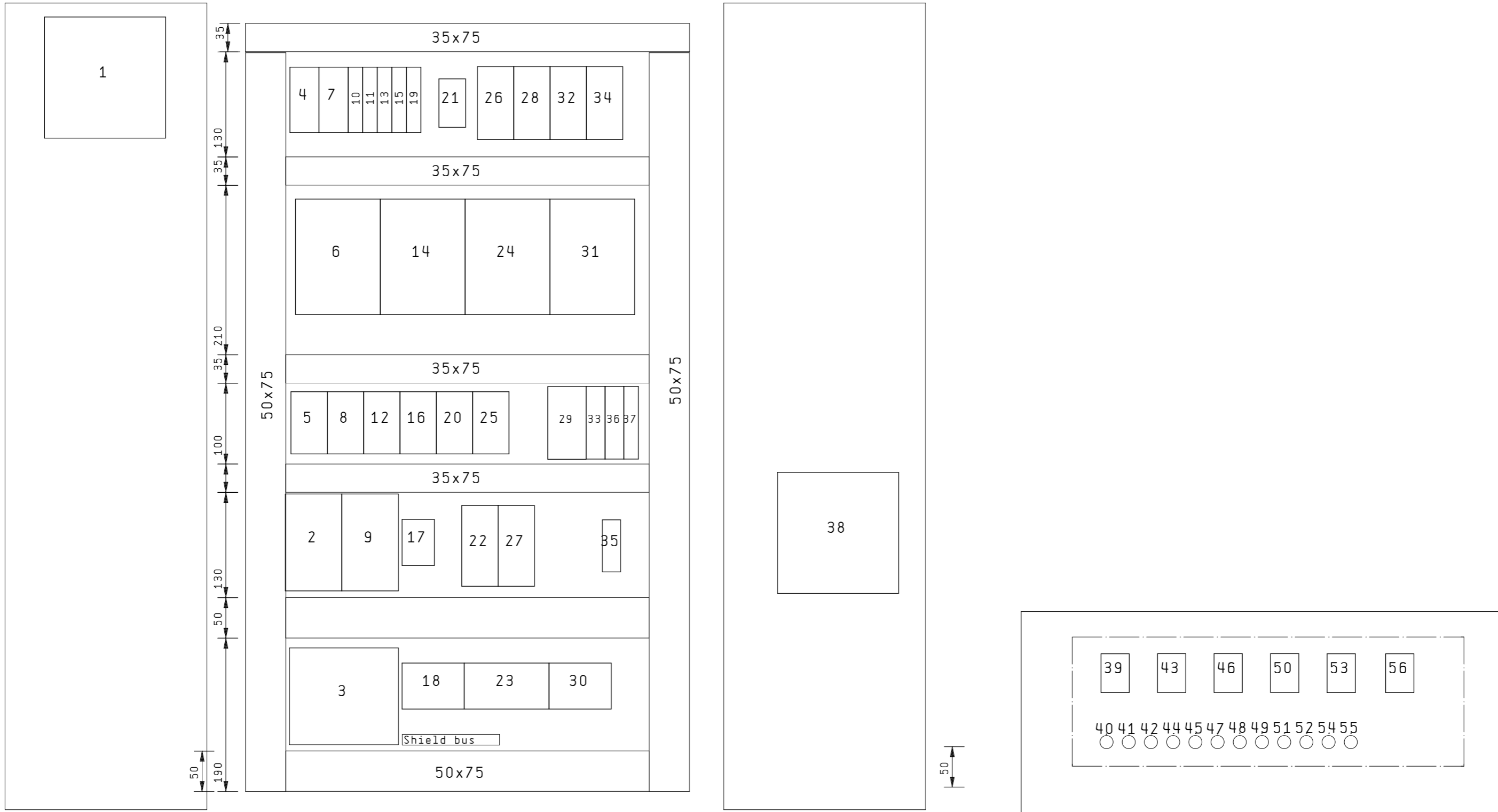
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|--------|----------|---|--|----------------------|-------------|----------------|--------|
| Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | Contents | Drawing number | = CONT |
| User. | HOE | | | MP&A/AD&S | | 33003614 | + CON |
| Check. | | | | Created by. | | CON 14 | DCO |
| Change | Date | Name | Stand. | First. | Created for | | Pa. 14 |
| | | | | | | | 15 Bl. |

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| Page | Page designation | Suppl. page field | Date | User | X |
|----------|------------------|-------------------|----------|------|---|
| =ORDER/2 | ORDER LIST | | 18.09.06 | SEG | |
| =ORDER/3 | ORDER LIST | | 18.09.06 | SEG | |
| =ORDER/4 | ORDER LIST | | 18.09.06 | SEG | |
| =ORDER/5 | ORDER LIST | | 18.09.06 | SEG | |
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Mounting plate sare1
(wxh) 550x950

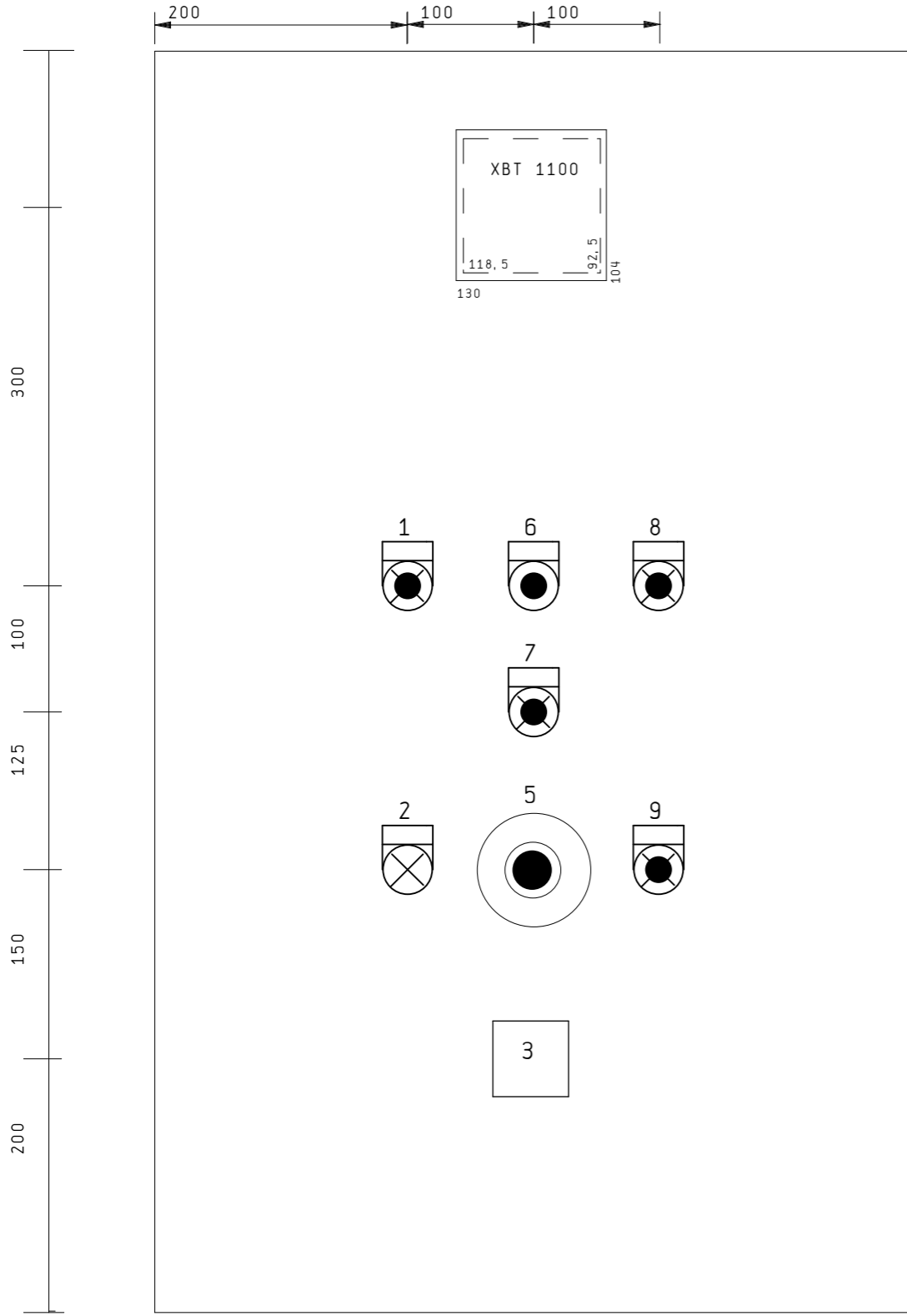
=CONT+CON/15

2

| | | | | | | | | | | | | |
|--------|------|----------|--------|---|----------------------|-------------|-------------|--|----------------|-----|--------|--------|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED | | CABINET H1 | | Drawing number | | = LAYP | |
| User. | | hoe | | | MP&A/AD&S | | 2 | | 33003614 | | + LAY | |
| Check. | | 5 | | | Created for | | Created by. | | LAY 1 | | Pa. 1 | |
| Change | Date | Name | Stand. | 4 | First. | Created for | Created by. | | | DCO | | 26 Bl. |

| Pos. | BMK | Typ |
|------|------------------|-----------------------------------|
| 1 | =WIRP1+PSD-E01 | AIR FILTER |
| 2 | =WIRP1+COM-XCA1 | VW3CANTAP2 |
| 3 | =WIRP1+PSD-T01 | POWER SUPPLY UNIT 230/24VDC |
| 4 | =WIRP1+PSD-F01 | Circuit breaker c60n 2p 2a c |
| 5 | =WIRP1+SAF-K02 | CONTACTOR |
| 6 | =WIRP1+MOV-T01 | VARIABLE SPEED DRIVES 0,37KW |
| 7 | =WIRP1+PSD-F02 | CIRCUIT BREAKER C60H 2P 3A D |
| 8 | =WIRP1+SAF-K03 | CONTACTOR |
| 9 | =WIRP1+COM-XCA2 | VW3CANTAP2 |
| 10 | =WIRP1+PSD-F03 | Circuit breaker c60l 1p 2a c |
| 11 | =WIRP1+PSD-F04 | Circuit breaker c60l 1p 1a c |
| 12 | =WIRP1+SAF-K06 | CONTACTOR |
| 13 | =WIRP1+PSD-F05 | Circuit breaker c60l 1p 1a c |
| 14 | =WIRP1+MOV-T02 | VARIABLE SPEED DRIVES 0,37KW |
| 15 | =WIRP1+PSD-F06 | Circuit breaker c60l 1p 4a c |
| 16 | =WIRP1+SAF-K07 | CONTACTOR |
| 17 | +SAF-XNA | |
| 18 | +COM-X03 | |
| 19 | =WIRP1+PSD-F07 | Circuit breaker c60h 1p 1a b |
| 20 | =WIRP1+SAF-K08 | CONTACTOR |
| 21 | =WIRP1+PSD-B01 | THERMOSTAT 1NC 0-60°C |
| 22 | =WIRP1+SAF-K01 | EMERGENCY STOP RELAY |
| 23 | +PSD-X02 | |
| 24 | =WIRP1+MOV-T03 | VARIABLE SPEED DRIVES 0,37KW |
| 25 | =WIRP1+SAF-K09 | CONTACTOR |
| 26 | =WIRP1+MOV-Q01 | MAGNETIC CIRCUIT-BREAKER 2,5A |
| 27 | =WIRP1+SAF-K04 | EMERGENCY STOP RELAY |
| 28 | =WIRP1+MOV-Q02 | MAGNETIC CIRCUIT-BREAKER 2,5A |
| 29 | =WIRP1+PLC-K01 | Twido plc modular-device m. 20e/a |
| 30 | +SAF-XLC | |
| 31 | =WIRP1+MOV-T04 | VARIABLE SPEED DRIVES 0,37KW |
| 32 | =WIRP1+MOV-Q03 | MAGNETIC CIRCUIT-BREAKER 2,5A |
| 33 | =WIRP1+PLC-K01 | Twido interface module 24v |
| 34 | =WIRP1+MOV-Q04 | MAGNETIC CIRCUIT-BREAKER 2,5A |
| 35 | =WIRP1+PSD-XTR01 | DISCONNECT TERMINAL |

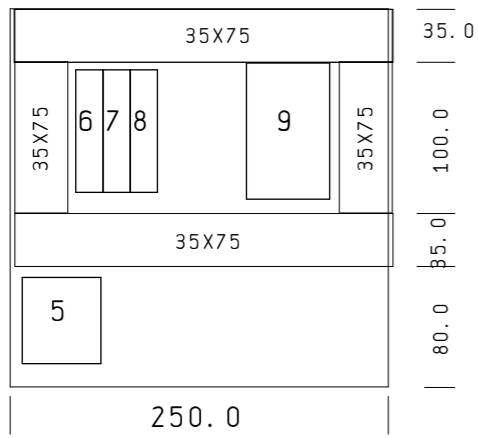
| Pos. | BMK | Typ |
|------|----------------|-----------------------------|
| 36 | =WIRP1+PLC-K02 | Twido sps interface |
| 37 | =WIRP1+PLC-K03 | Twido interface module 24v |
| 38 | =WIRP1+PSD-E01 | FAN WITH FILTER 230V, 0,12A |
| 39 | +MOV-XM01 | |
| 40 | +COM-XP01 | |
| 41 | +COM-XS01 | |
| 42 | +PSD-XWIR2 | |
| 43 | +MOV-XM02 | |
| 44 | +PSD-XWIR3 | |
| 45 | +PSD-XWIR4 | |
| 46 | +MOV-XM03 | |
| 47 | +PSD-XWIR5 | |
| 48 | +SAF-X1K05 | |
| 49 | +SAF-X2K05 | |
| 50 | +MOV-XM04 | |
| 51 | +SAF-XSNA1 | |
| 52 | +COM-XSCAN1 | |
| 53 | +PSD-X01 | |
| 54 | +SAF-XS04 | |
| 55 | +SAF-XS05 | |
| 56 | +PSD-XWIR1 | |



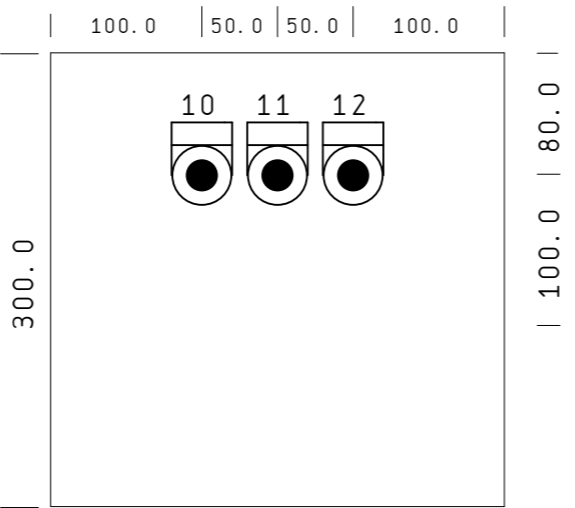
Front view

| Pos. | BMK | Typ |
|------|-----------------|--|
| 1 | =WIRP1+COM-SP01 | ILLUMINATED PUSHBUTTON 1NC/1NO, GREEN |
| 2 | =WIRP1+PSD-P01 | SIGNAL LAMP WHITE |
| 3 | =WIRP1+PSD-Q01 | MAIN SWITCH 25A FLUSH MOUNTING |
| 4 | =WIRP1+HMI-P01 | MAGELIS CONTROL TERMINAL |
| 5 | =WIRP1+SAF-S01 | EMERGENCY STOP BUTTON ROTATION RELEASE |
| 6 | =WIRP1+COM-S02 | PUSHBUTTON, 1NC |
| 7 | =WIRP1+SAF-SP03 | ILLUMINATED PUSHBUTTON 1NC, BLUE |
| 8 | =WIRP1+COM-SP03 | ILLUMINATED PUSHBUTTON 1NC/1NO, YELLOW |
| 9 | =WIRP1+SAF-SP01 | ILLUMINATED PUSHBUTTON 1NC, BLUE |
| | | |
| | | |

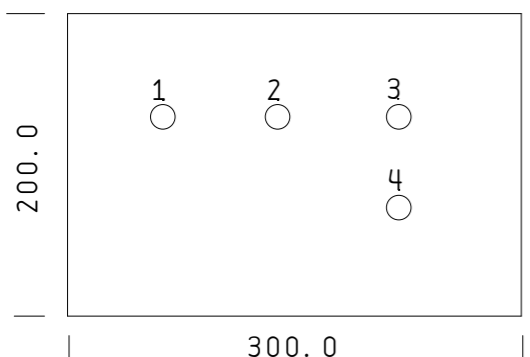
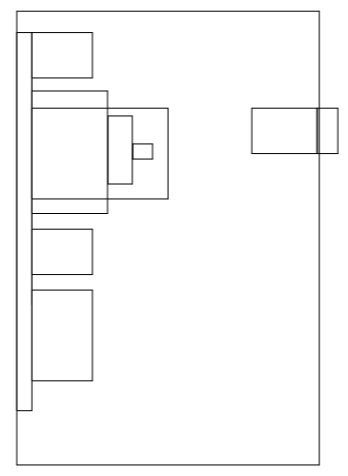
| | TEXT LAMPS/ BUTTON |
|---|---------------------|
| 1 | START |
| 2 | 24V OK |
| 3 | MAIN SWITCH |
| 4 | |
| 5 | EMERGENCY STOP |
| 6 | STOP |
| 7 | ACKN. LIGHT CURTAIN |
| 8 | AUTO. / MAN. |
| 9 | ACKN. E-STOP |



Front view
300x300



Horizontal cut depth 200

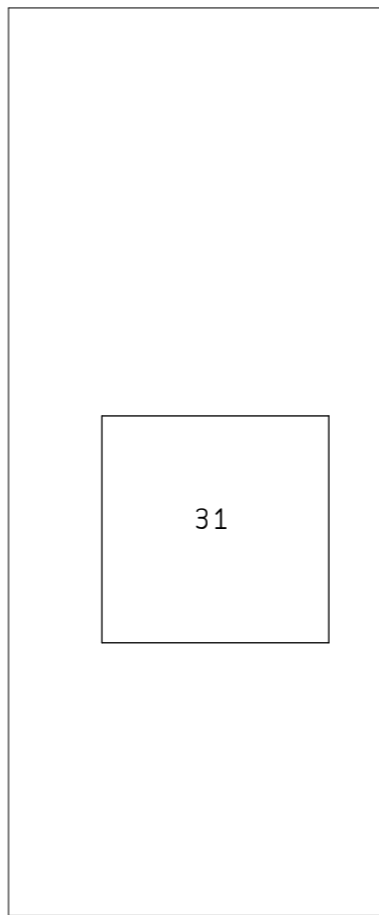
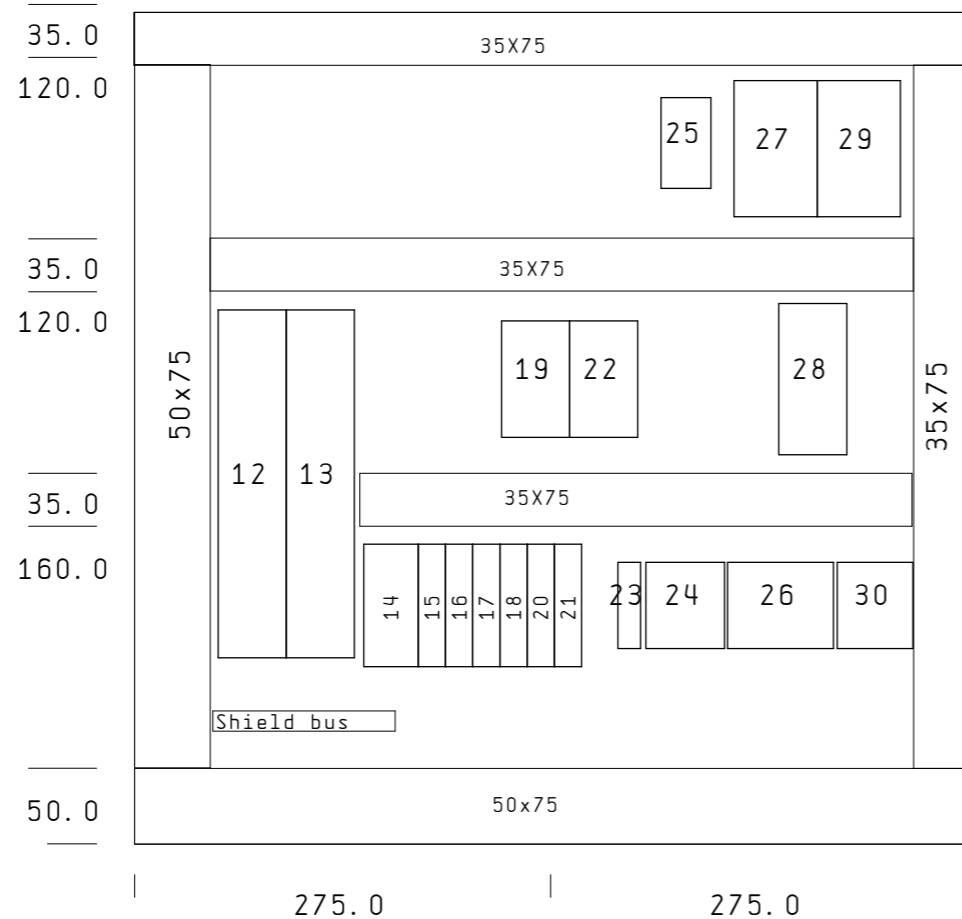
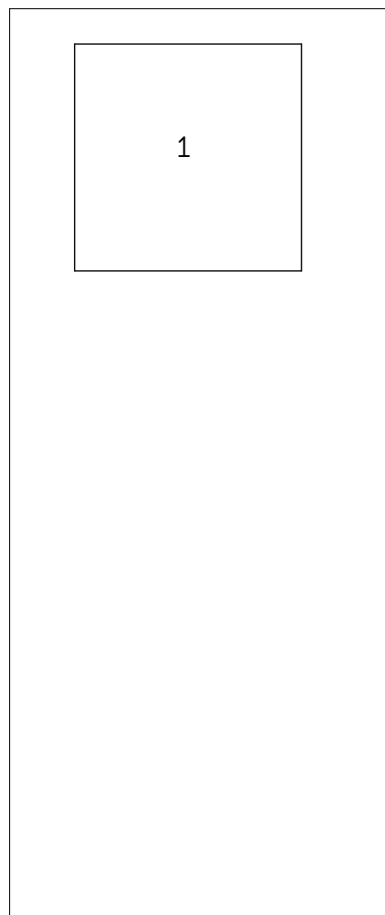


Base plate
down

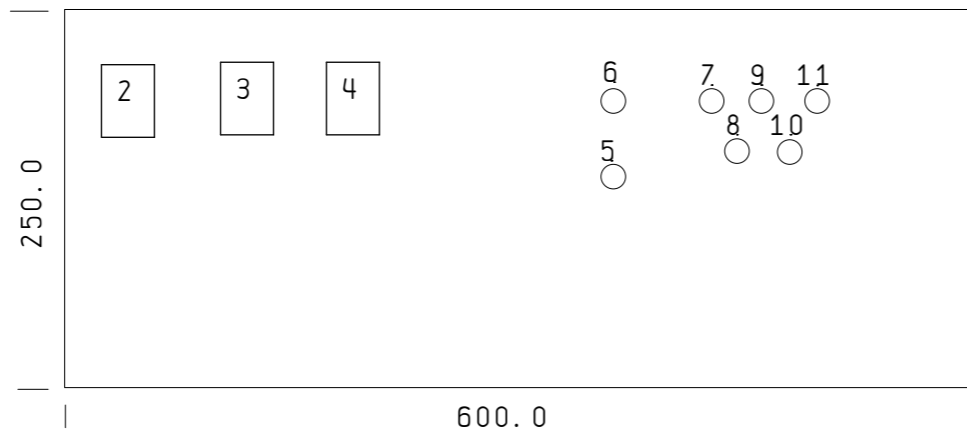
Sarel
300x300x200
Best.Nr. ENN83303

| | TEXT LAMPS/ BUTTON |
|----|--------------------|
| 10 | <-- |
| 11 | 0 |
| 12 | --> |
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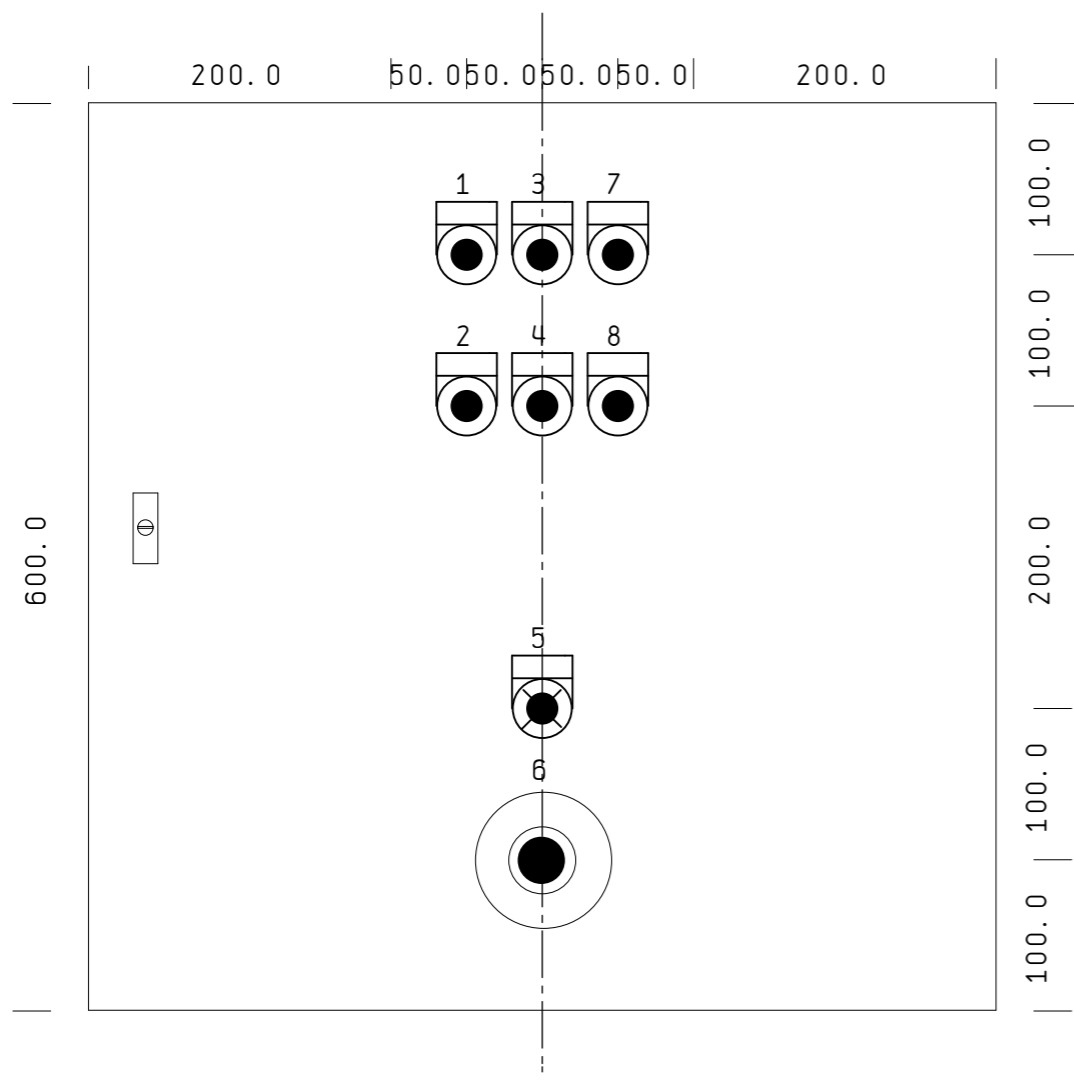
| Pos. | BMK | Typ |
|------|-----------------|------------------------------|
| 1 | +PSD2-XWIR2 | |
| 2 | +COM2-XS01 | |
| 3 | +PLC2-XSCAN1 | |
| 4 | +PLC2-XSCAN2 | |
| 5 | +COM2-X03 | |
| 6 | =WIRP2+PSD2-F01 | Circuit breaker c601 1p 1a c |
| 7 | =WIRP2+PSD2-F02 | Circuit breaker c601 1p 1a c |
| 8 | =WIRP2+PSD2-F03 | Circuit breaker c601 1p 1a c |
| 9 | =WIRP2+PLC2-K01 | Twido otb decentral i/o |
| 10 | =WIRP2+COM2-S01 | PUSHBUTTON, 1NO |
| 11 | =WIRP2+COM2-S02 | PUSHBUTTON, 1NC |
| 12 | =WIRP2+COM2-S03 | PUSHBUTTON, 1NO |
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Mounting plate sare1
(wxh) 550x550



| Pos. | BMK | Typ |
|------|-----------------|------------------------------|
| 1 | =WIRP4+PSD4-E01 | AIR FILTER |
| 2 | +PSD4-X01W4 | |
| 3 | +MOV4-XM01 | |
| 4 | +MOV4-XM02 | |
| 5 | +PLC4-XSCAN2 | |
| 6 | +PLC4-XSCAN1 | |
| 7 | +PSD4-XWIR4 | |
| 8 | +SAF4-XS03 | |
| 9 | +COM4-XS01 | |
| 10 | +SAF4-XSNA1 | |
| 11 | +COM4-XS02 | |
| 12 | =WIRP4+MOV4-F01 | Tesys u reversing 12a 24vdc |
| 13 | =WIRP4+MOV4-F02 | Tesys u reversing 12a 24vdc |
| 14 | =WIRP4+PSD4-F01 | Circuit breaker c60n 2p 2a c |
| 15 | =WIRP4+PSD4-F02 | Circuit breaker c60l 1p 1a c |
| 16 | =WIRP4+PSD4-F03 | Circuit breaker c60l 1p 1a c |
| 17 | =WIRP4+PSD4-F04 | Circuit breaker c60l 1p 1a c |
| 18 | =WIRP4+PSD4-F05 | Circuit breaker c60l 1p 1a c |
| 19 | =WIRP4+SAF4-K05 | CONTACTOR |
| 20 | =WIRP4+PSD4-F06 | Circuit breaker c60l 1p 1a c |
| 21 | =WIRP4+PSD4-F07 | Circuit breaker c60l 1p 1a c |
| 22 | =WIRP4+SAF4-K06 | CONTACTOR |
| 23 | +PSD4-XWIRP4 | |
| 24 | +COM4-X03 | |
| 25 | =WIRP4+PSD4-B01 | THERMOSTAT 1NC 0-60°C |
| 26 | +SAF4-XNA | |
| 27 | =WIRP4+PLC4-K01 | Twido otb decentral i/o |
| 28 | =WIRP4+SAF4-K04 | EMERGENCY STOP RELAY |
| 29 | =WIRP4+PLC4-K02 | Twido otb decentral i/o |
| 30 | +SAF4-XNA | |
| 31 | =WIRP4+PSD4-E01 | FAN WITH FILTER 230V, 0,12A |
| | | |
| | | |
| | | |
| | | |

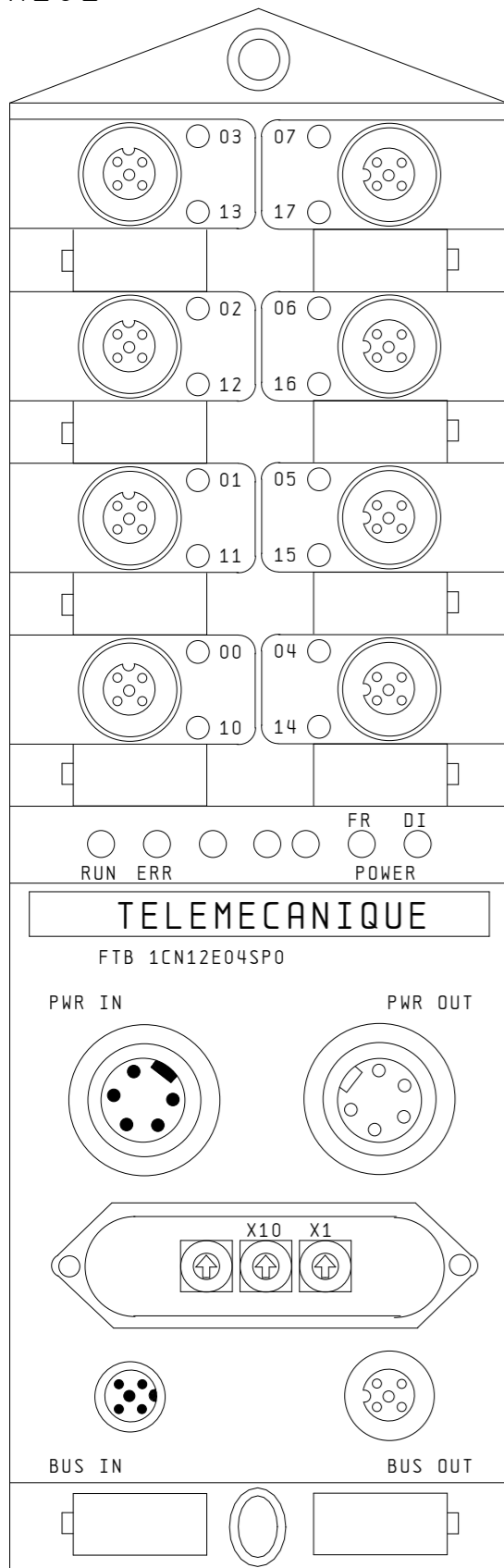


Front view

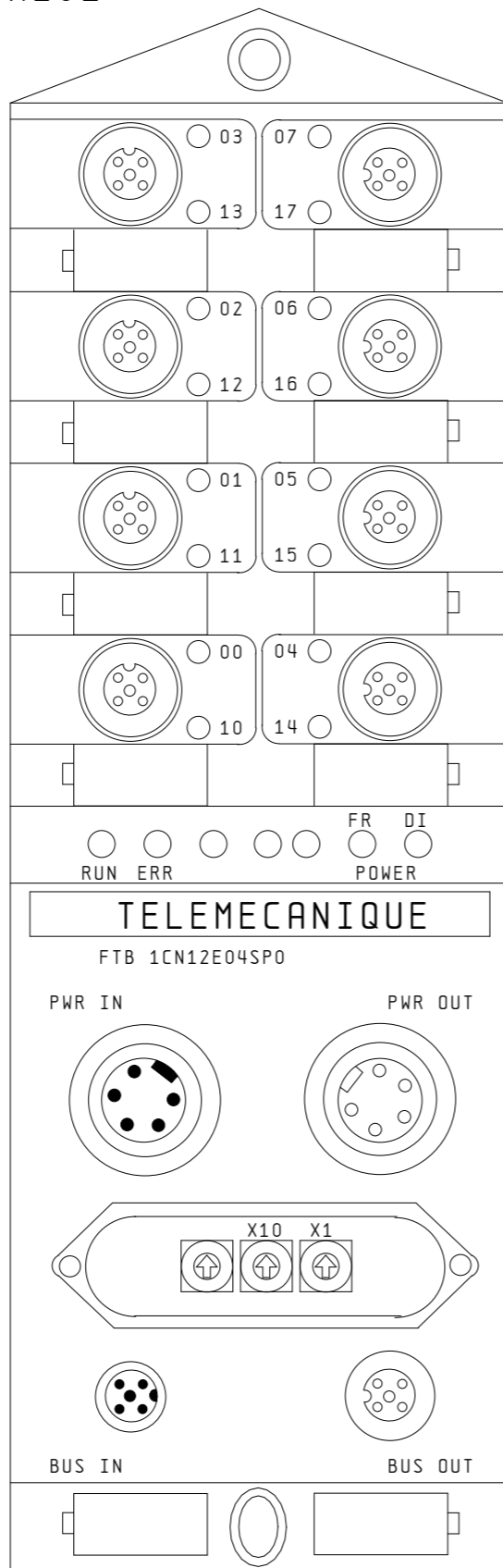
| Pos. | BMK | Typ |
|------|------------------|--|
| 1 | =WIRP4+COM4-S01 | PUSHBUTTON, 1NO |
| 2 | =WIRP4+COM4-S04 | PUSHBUTTON, 1NO |
| 3 | =WIRP4+COM4-S02 | PUSHBUTTON, 1NC |
| 4 | =WIRP4+COM4-S05 | PUSHBUTTON, 1NC |
| 5 | =WIRP4+SAF4-SP05 | ILLUMINATED PUSHBUTTON 1NC, BLUE |
| 6 | =WIRP4+SAF4-S01 | EMERGENCY STOP BUTTON ROTATION RELEASE |
| 7 | =WIRP4+COM4-S03 | PUSHBUTTON, 1NO |
| 8 | =WIRP4+COM4-S06 | PUSHBUTTON, 1NO |
| | | |
| | | |
| | | |
| | | |

| | TEXT LAMPS/ BUTTON |
|---|--------------------|
| 1 | <-- |
| 2 | <-- |
| 3 | 0 |
| 4 | 0 |
| 5 | ACKN. E-STOP |
| 6 | |
| 7 | --> |
| 8 | --> |
| | |

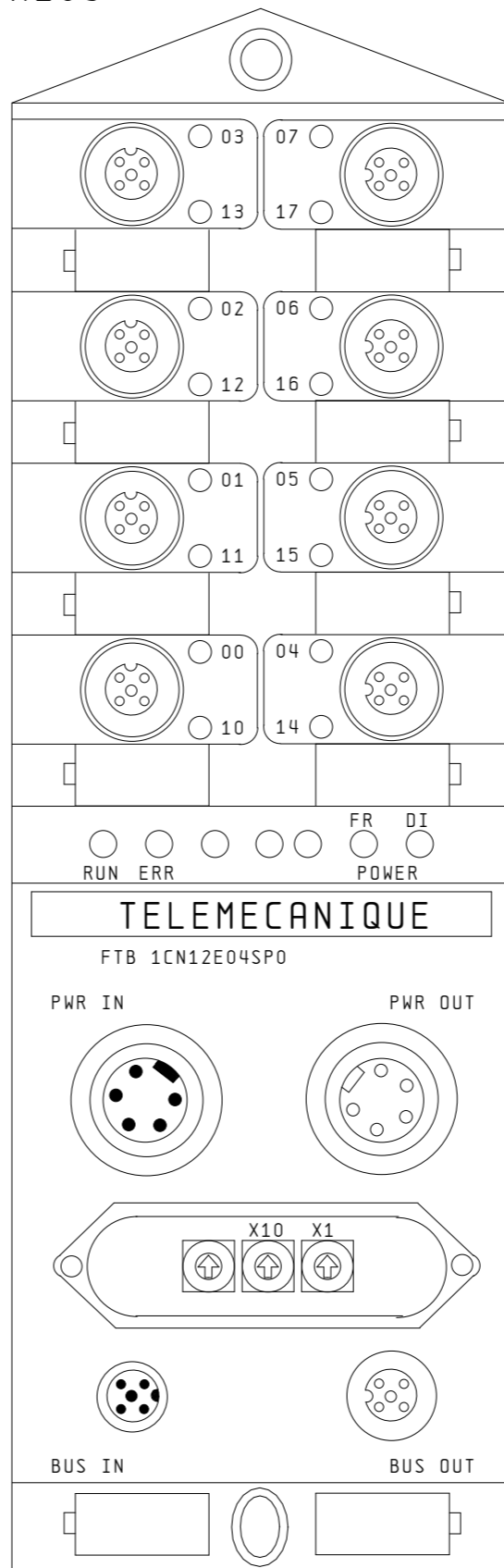
K101



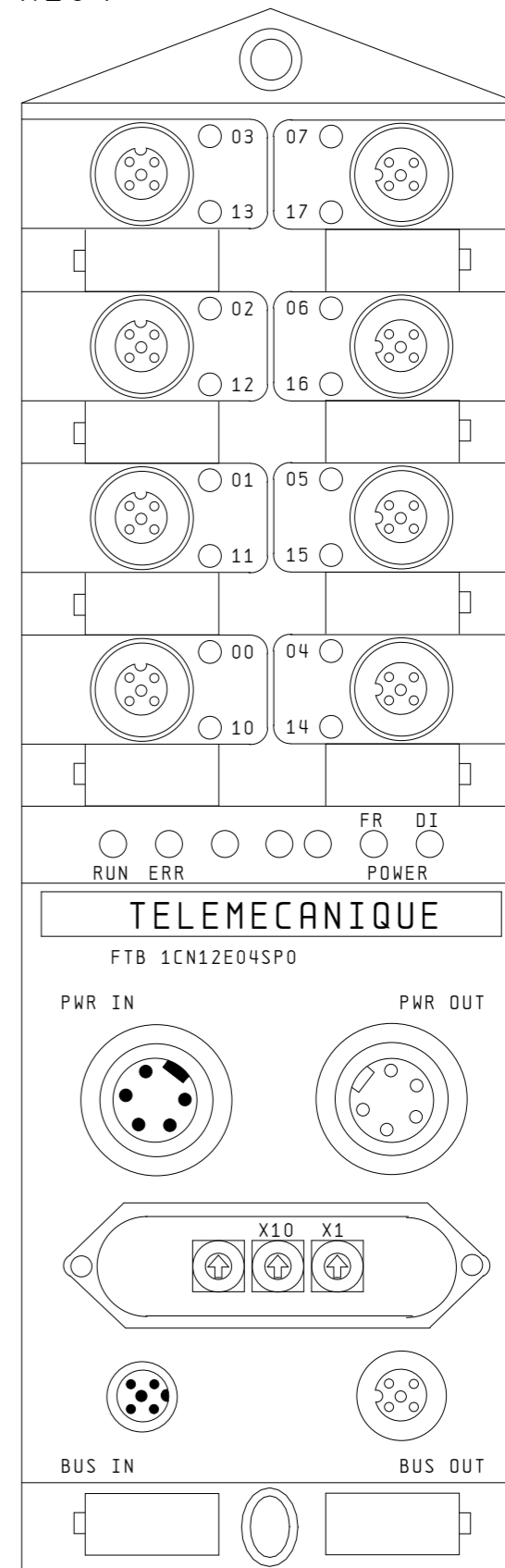
K102



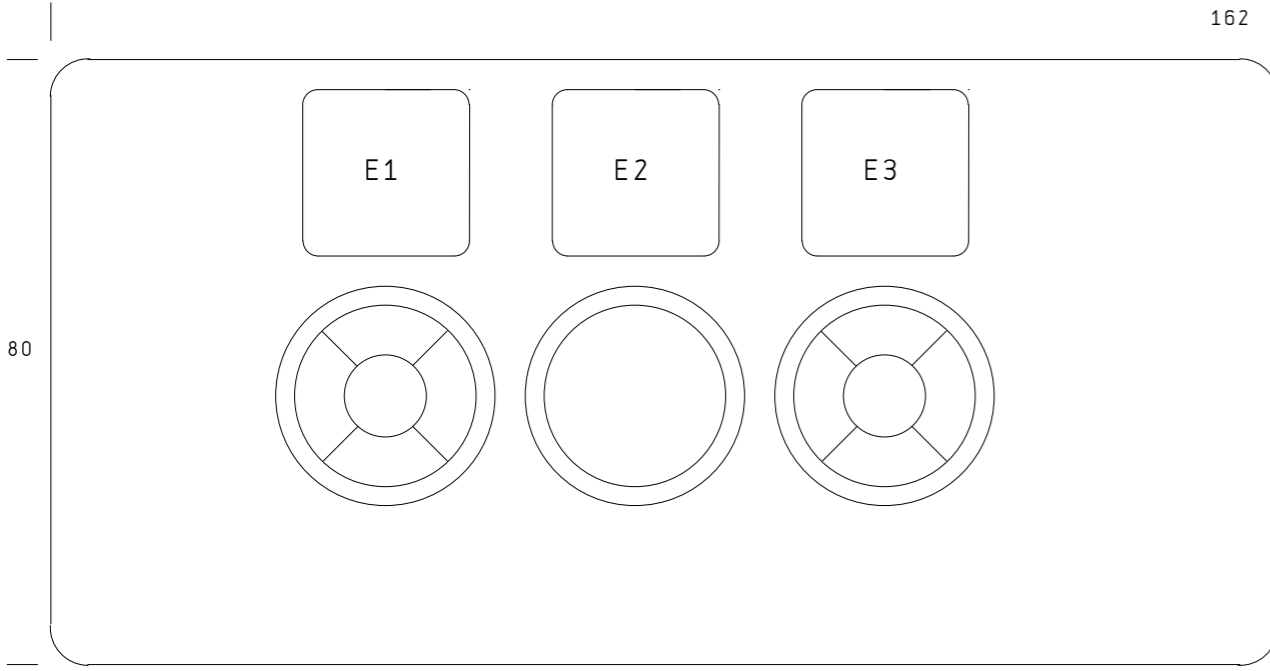
K103



K104



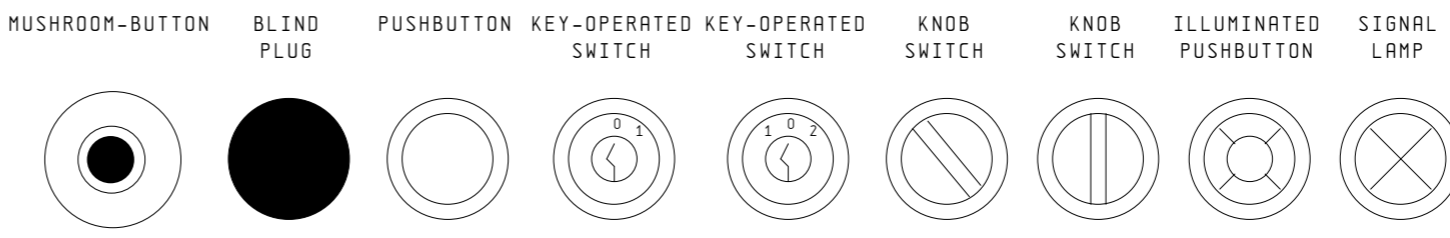
| | | | | | | | | | | | | | | |
|--------|------|----------|--------|--------|-------------|----------------------|--|----------------------------|--|----------------|--|--------|--------|-------|
| Date | | 14.02.06 | | | | DP CANopen OPTIMIZED | | SPLITTERBOXES FTB IP67 I/O | | Drawing number | | = LAYP | | |
| User. | | SEG | | | | MP&A/AD&S | | VORORT | | 33003614 | | + LAY | | |
| Check. | | | | | | Created for | | Created by. | | LAY 9 | | DCO | | Pa. 9 |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | | | | | 26 Bl. | |



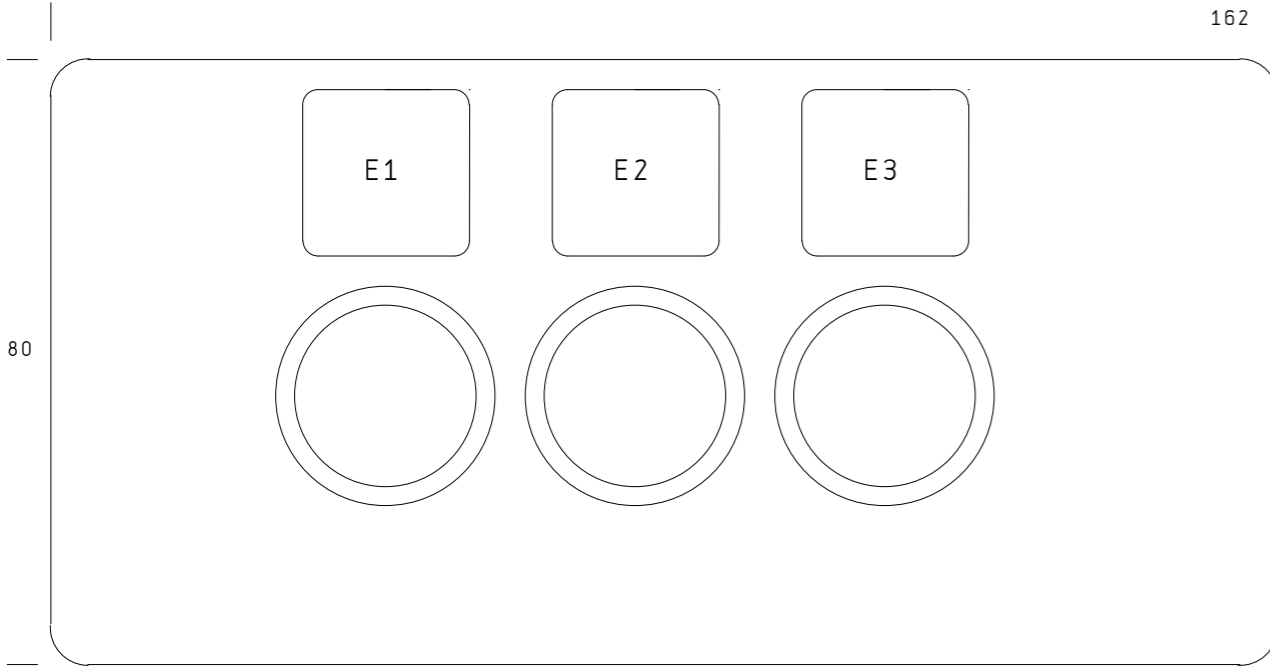
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|--------------------|----------|---------|--------|
| NR. | FUNCTION | TARGET | COLOUR |
| -A01 | KEYBOARD | +VORORT | |

| LABEL SIZE: 22X 22 | | | | |
|--------------------|-------------|------------------------|-----|--------|
| NR. | FUNCTION | TARGET | TYP | COLOUR |
| E1 | START | =WIRP1+VORORT -SP11 | LDT | RT |
| E2 | STOP | =WIRP1+VORORT -P12 | DT | GN |
| E3 | MAN AUTO | =WIRP1+VORORT -SP13 | LDT | GE |

| LEGEND: | |
|---------|-------------------------------------|
| DT | PUSHBUTTON |
| ST | KEY BUTTON |
| SS | KEY-OPERATED SWITCH |
| KS | KNOB SWITCH |
| LDT | ILLUMINATED PUSHBUTTON |
| LM | SIGNAL LAMP |
| DRS | PUSHBUTTON WITH RATCHET/SAFETY LOCK |
| PT | MUSHROOM-BUTTON |



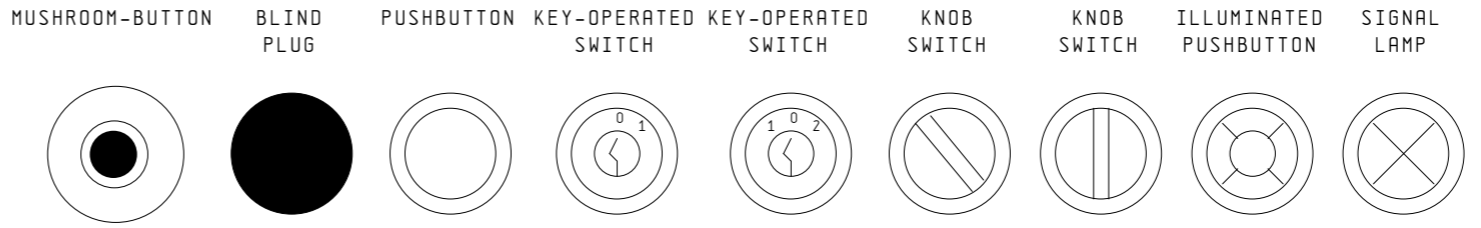
VERSUS
=WIRP1+COM



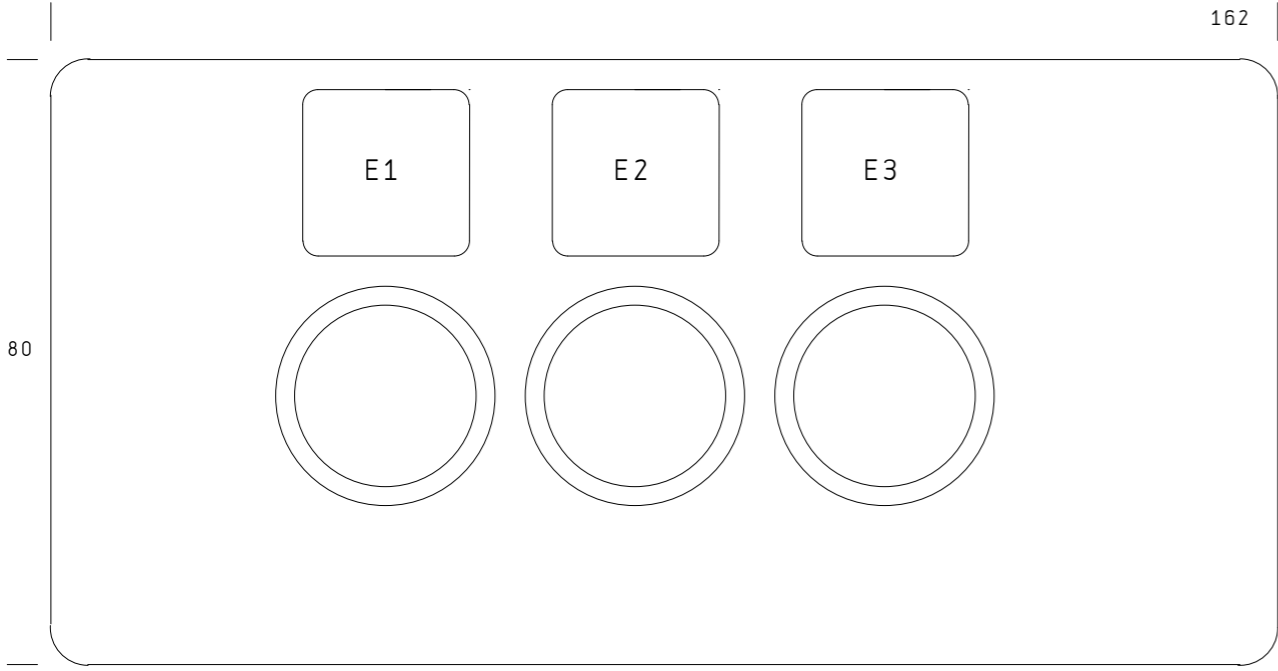
| LABEL SIZE: 18X 44 | | | |
|--------------------|----------|--------|--------|
| NR. | FUNCTION | TARGET | COLOUR |
| -A01 | KEYBOARD | +H2 | |

| LABEL SIZE: 22X 22 | | | | |
|--------------------|----------|--------------------|-----|--------|
| NR. | FUNCTION | TARGET | TYP | COLOUR |
| E1 | LEFT | =WIRP2+H2 -SP11 | LDT | BU |
| E2 | STOP | =WIRP1+H2 -S12 | DT | RT |
| E3 | RIGHT | =WIRP1+H2 -SP13 | LDT | BU |

| LEGEND: | |
|---------|-------------------------------------|
| DT | PUSHBUTTON |
| ST | KEY BUTTON |
| SS | KEY-OPERATED SWITCH |
| KS | KNOB SWITCH |
| LDT | ILLUMINATED PUSHBUTTON |
| LM | SIGNAL LAMP |
| DRS | PUSHBUTTON WITH RATCHET/SAFETY LOCK |
| PT | MUSHROOM-BUTTON |



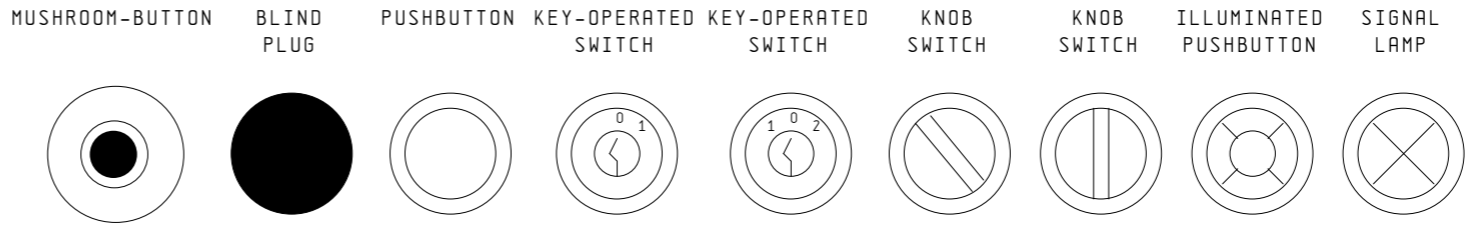
VERSUS
=WIRP2+COM2



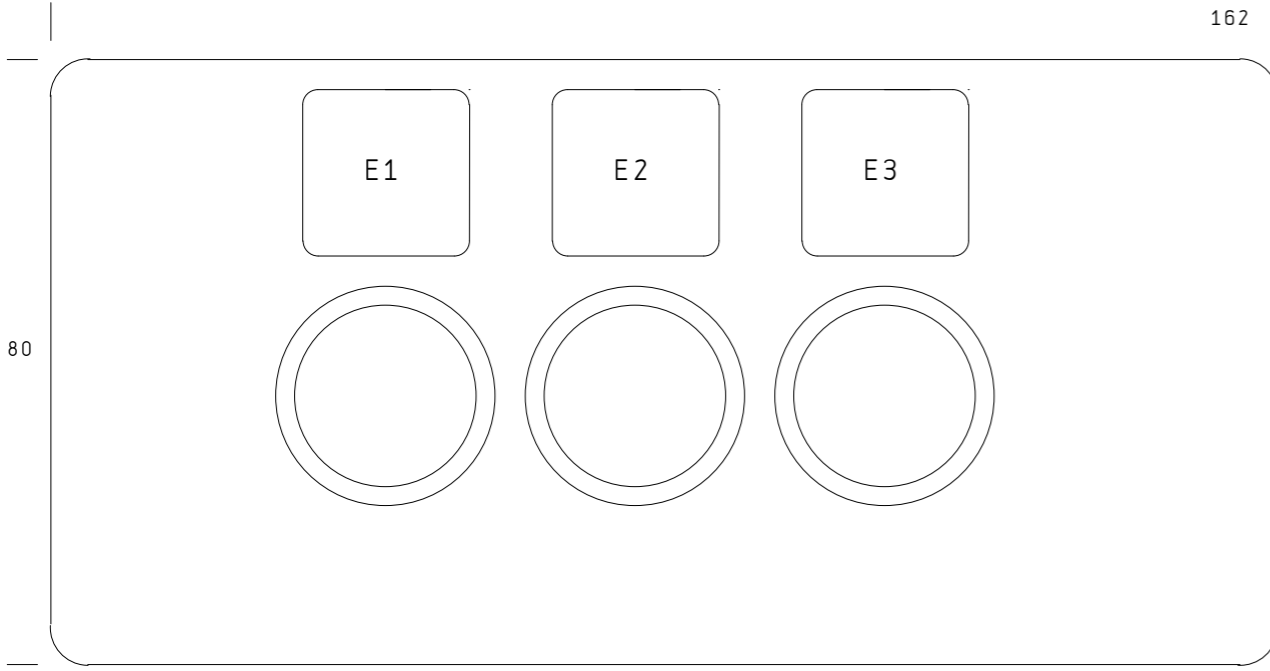
| LABEL SIZE: 18X 44 | | | |
|--------------------|----------|--------|--------|
| NR. | FUNCTION | TARGET | COLOUR |
| -A02 | KEYBOARD | +H2 | |

| LABEL SIZE: 22X 22 | | | | |
|--------------------|----------|--------------------|-----|--------|
| NR. | FUNCTION | TARGET | TYP | COLOUR |
| E1 | LEFT | =WIRP2+H2 -SP21 | LDT | BU |
| E2 | STOP | =WIRP2+H2 -S22 | DT | RT |
| E3 | RIGHT | =WIRP2+H2 -SP23 | LDT | BU |

| LEGEND: | |
|---------|-------------------------------------|
| DT | PUSHBUTTON |
| ST | KEY BUTTON |
| SS | KEY-OPERATED SWITCH |
| KS | KNOB SWITCH |
| LDT | ILLUMINATED PUSHBUTTON |
| LM | SIGNAL LAMP |
| DRS | PUSHBUTTON WITH RATCHET/SAFETY LOCK |
| PT | MUSHROOM-BUTTON |



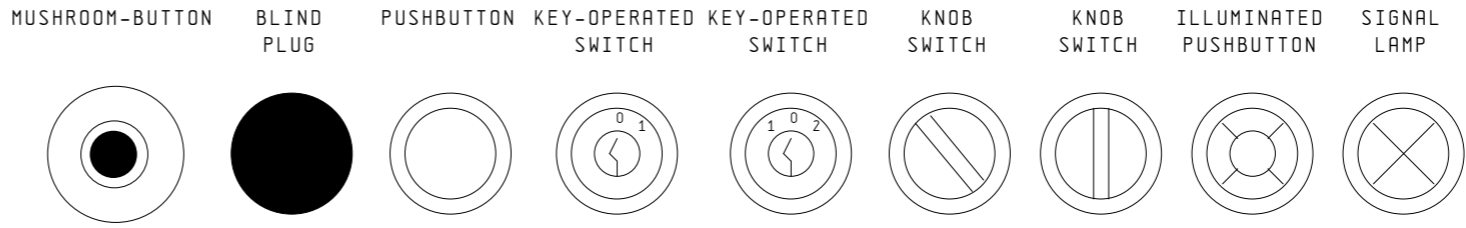
VERSUS
=WIRP2+COM2



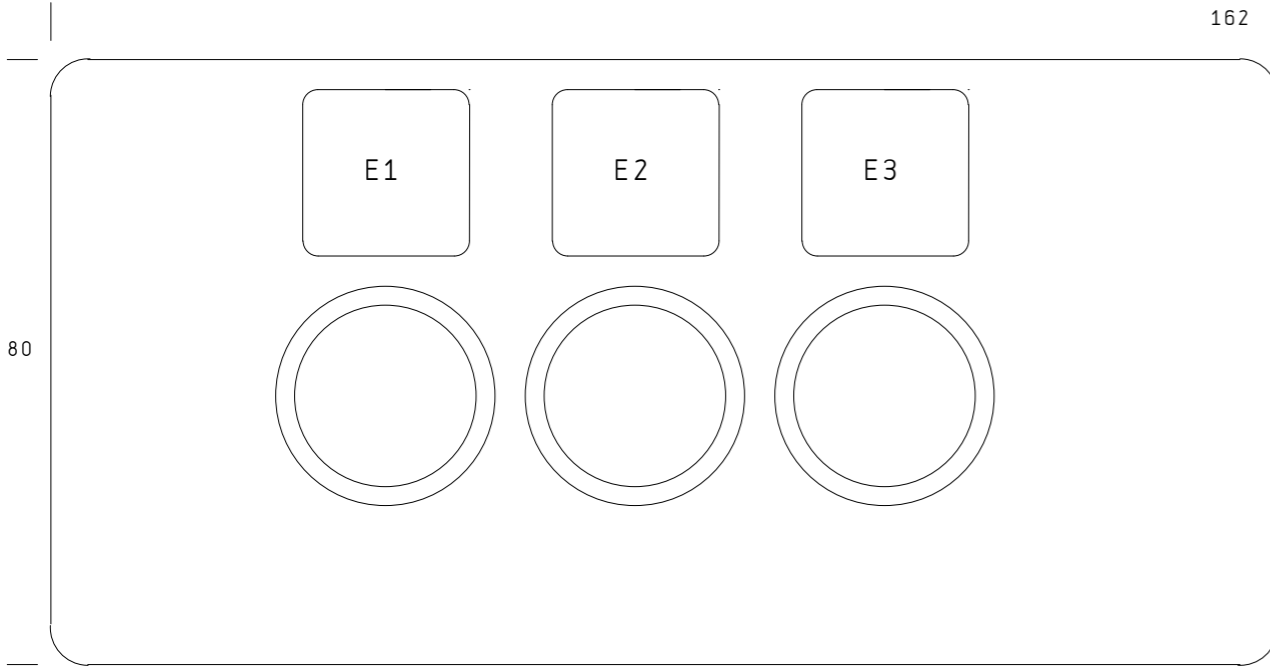
| LABEL SIZE: 18X 44 | | | |
|--------------------|----------|--------|--------|
| NR. | FUNCTION | TARGET | COLOUR |
| -A01 | KEYBOARD | +H3 | |

| LABEL SIZE: 22X 22 | | | | |
|--------------------|----------|--------------------|-----|--------|
| NR. | FUNCTION | TARGET | TYP | COLOUR |
| E1 | LEFT | =WIRP3+H3 -SP11 | LDT | BU |
| E2 | STOP | =WIRP3+H3 -S12 | DT | RT |
| E3 | RIGHT | =WIRP3+H3 -SP13 | LDT | BU |

| LEGEND: | |
|---------|-------------------------------------|
| DT | PUSHBUTTON |
| ST | KEY BUTTON |
| SS | KEY-OPERATED SWITCH |
| KS | KNOB SWITCH |
| LDT | ILLUMINATED PUSHBUTTON |
| LM | SIGNAL LAMP |
| DRS | PUSHBUTTON WITH RATCHET/SAFETY LOCK |
| PT | MUSHROOM-BUTTON |



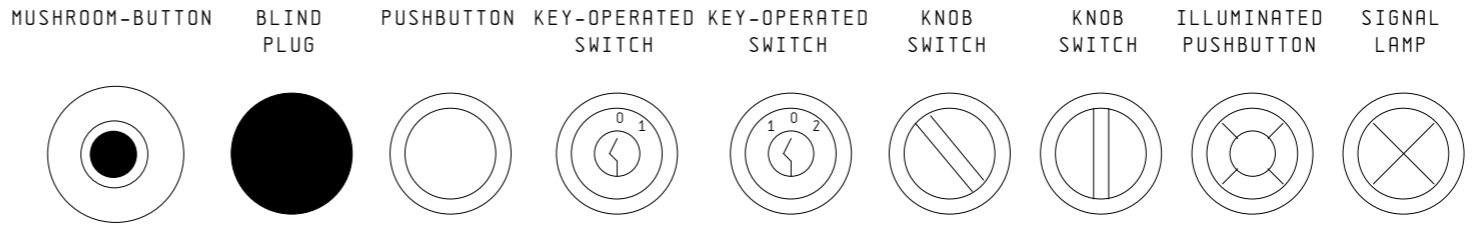
VERSUS
=WIRP3+COM3



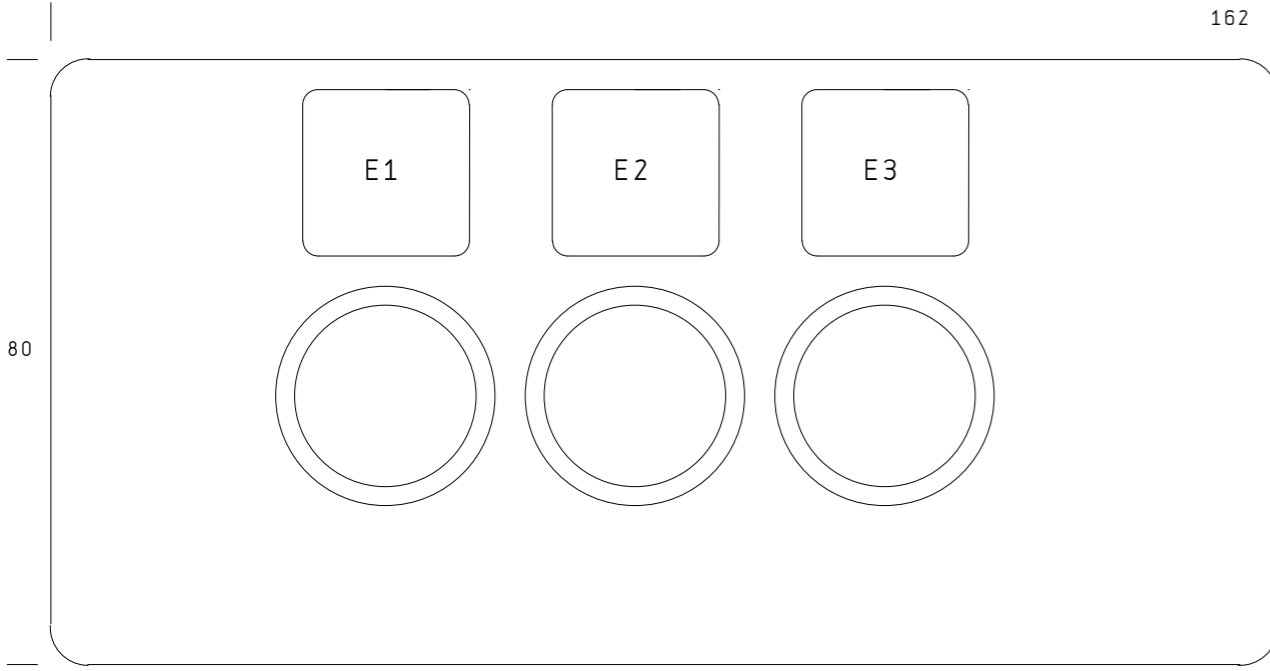
| LABEL SIZE: 18X 44 | | | |
|--------------------|----------|--------|--------|
| NR. | FUNCTION | TARGET | COLOUR |
| -A01 | KEYBOARD | +H4 | |

| LABEL SIZE: 22X 22 | | | | |
|--------------------|----------|--------------------|-----|--------|
| NR. | FUNCTION | TARGET | TYP | COLOUR |
| E1 | LEFT | =WIRP4+H4 -SP11 | LDT | BU |
| E2 | STOP | =WIRP4+H4 -S12 | DT | RT |
| E3 | RIGHT | =WIRP4+H4 -SP13 | LDT | BU |

| LEGEND: | |
|---------|-------------------------------------|
| DT | PUSHBUTTON |
| ST | KEY BUTTON |
| SS | KEY-OPERATED SWITCH |
| KS | KNOB SWITCH |
| LDT | ILLUMINATED PUSHBUTTON |
| LM | SIGNAL LAMP |
| DRS | PUSHBUTTON WITH RATCHET/SAFETY LOCK |
| PT | MUSHROOM-BUTTON |



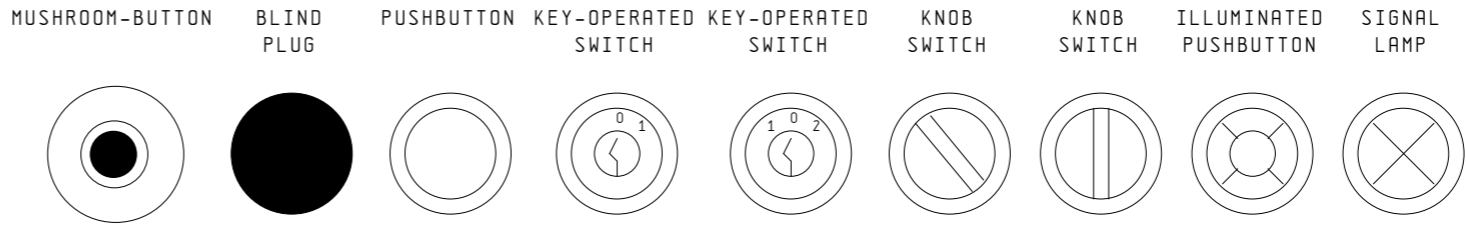
VERSUS
=WIRP4+COM4



| LABEL SIZE: 18X 44 | | | |
|--------------------|----------|--------|--------|
| NR. | FUNCTION | TARGET | COLOUR |
| -A02 | KEYBOARD | +H4 | |

| LABEL SIZE: 22X 22 | | | | |
|--------------------|----------|--------------------|-----|--------|
| NR. | FUNCTION | TARGET | TYP | COLOUR |
| E1 | LEFT | =WIRP4+H4 -SP21 | LDT | BU |
| E2 | STOP | =WIRP4+H4 -S22 | DT | RT |
| E3 | RIGHT | =WIRP4+H4 -SP23 | LDT | BU |

| LEGEND: | |
|---------|-------------------------------------|
| DT | PUSHBUTTON |
| ST | KEY BUTTON |
| SS | KEY-OPERATED SWITCH |
| KS | KNOB SWITCH |
| LDT | ILLUMINATED PUSHBUTTON |
| LM | SIGNAL LAMP |
| DRS | PUSHBUTTON WITH RATCHET/SAFETY LOCK |
| PT | MUSHROOM-BUTTON |



VERSUS
=WIRP4+COM4

CABLE PRODUCTION FOR SUPPLY

CABLE LENGTH CA 4M

PLUG AT PANEL

WITH CRIMPCONTACTS 2,5mm² MALE

SOCKET CABLE

WITH CRIMPCONTACTS 2,5mm² FEMALE

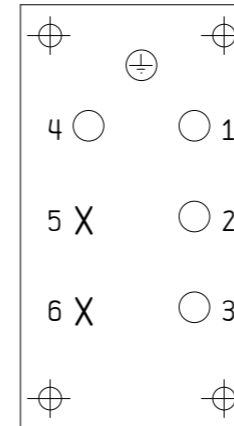
ARTICLE HAN 6

| Pc.. | Cat. no. | DESCRIPTION |
|------|----------------|---|
| 1 | 09 30 006 0302 | HOUSING BASE |
| 1 | 09 33 006 2702 | FEMALE CONTACTS (INSERT) |
| 6 | 09 33 000 6104 | BUSH INSERT CRIMP (2,5MM ²) |
| 1 | 09 33 006 2602 | MALE INSERT |
| 6 | 09 33 000 6102 | FEMALE CONTACTS CRIMP (2,5MM ²) |
| 1 | 09 33 000 0442 | HOUSING TOP (FOR PG21) |
| 1 | 09 30 006 5423 | COVER PLATE |
| 1 | 09 00 000 5168 | SPECIAL CABLE GLAND |
| | | PLASTIC, WITH TENSION RELEASE |
| | | AND BEND PROTECTION CG21 |
| 1 | 09 00 000 5030 | CUTTING OUT OF THE SEAL RING |
| 2 | 09 33 000 9954 | CODING PIN |

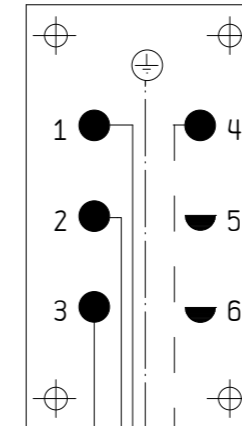
- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED

HAN 6

MALE



FEMALE

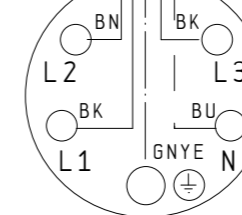


CODIERPIN VIS-à-VIS
IS
FREE

CABLE TYPE:
ÖLFLEX 100 H
5 x 2,5 mm²

- 1 => BK
- 2 => BU
- 3 => BK
- 4 => BN
- PE=> GNYE

EURO-CONNECTOR
3P+N+PE 16A



CONNECT TO CONNECTOR
CABLE END CA. 11CM TO STRIP
BK, BU, BK UND BN OF CA. 10CM CAT UP
NOT GNYE
ALL WIRE WITH INSULATED WIRE END
FERRULE

CABLE PRODUCTION FOR MOTORS

CABLE LENGTH CA 2M
WITH SHIELD

SOCKET ON CABINET

WITH CRIMPCONTACTS 1,5mm² FEMALE

PLUG AT CABLE

WITH CRIMPCONTACTS 1,5mm² MALE

ARTICLE HAN 6

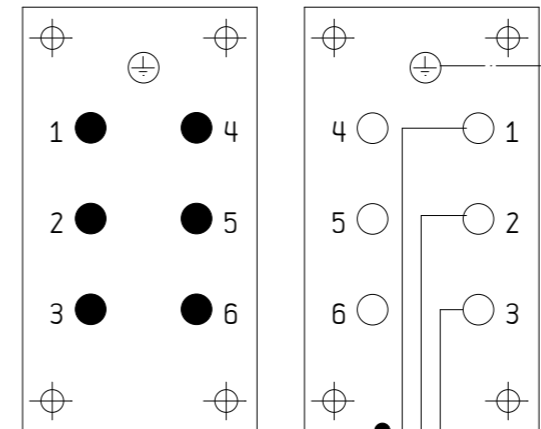
| Pc.. | Cat. no. | DESCRIPTION |
|------|----------------|---|
| 1 | 09 30 006 0302 | HOUSING BASE |
| 1 | 09 33 006 2702 | FEMALE CONTACTS (INSERT) |
| 6 | 09 33 000 6204 | BUSH INSERT CRIMP (1,5MM ²) |
| 1 | 09 33 006 2602 | MALE INSERT |
| 6 | 09 33 000 6104 | FEMALE CONTACTS CRIMP (1,5MM ²) |
| 1 | 09 33 000 0442 | HOUSING TOP (FOR PG21) |
| 1 | 09 30 006 5423 | COVER PLATE |
| 1 | 52 104 493 | BRASS-ADAPTOR PG 21-M20X |
| 1 | 52 104 493 | BRASS-ADAPTOR PG 11-M20X |
| 2 | 52 106 960 | METAL-SCREW JOINT/ EARTH |
| | | M20/11/11/7 |
| 2 | 09 33 000 9954 | CODING PIN |

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED

HAN 6

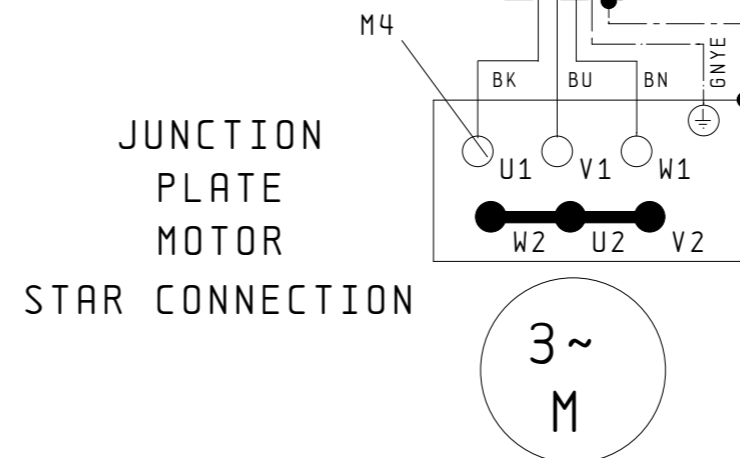
FEMALE

MALE



CABLE TYPE:
ÖLFLEX CLASSIC 110CY-G
4 x 1,5 mm² + SH

- 1 => BK
- 2 => BU
- 3 => BN
- PE=> GNYE
- SH=> SHIELD



JUNCTION
PLATE
MOTOR
STAR CONNECTION

CONNECTION ON MOTOR
CABLE END CA. 10CM TO STRIP
BK, BU, BK UND BN OF CA. 8CM CAT UP
NOT GNYE
ALL WIRE WITH EYELET EQUIPPED
HOLE DIAMETER 4,2MM

=WIRP1+VORORT
-M01 - M04

| | | | | | | | | |
|--------|----------|---------------|-----------------------|----------------------|---|----------------|--------|--------|
| Date | 14.02.06 | Merlin Gerin | Schneider Electric | DP CANopen OPTIMIZED | CABLE-AND PLUG PRODUCTION HAN 6 + SH | Drawing number | = LAYP | |
| User. | hoe | Square D | | MP&A/AD&S | | 33003614 | + LAY | |
| Check. | | Telemecanique | | Created by. | | LAY 17 | Pa. 17 | |
| Change | Date | Name | Stand. | First. | Created for | LAY 17 | DCO | 26 Bl. |

CABLE PRODUCTION FOR MOTORS

CABLE LENGTH CA 2M

SOCKET ON CABINET

WITH CRIMPCONTACTS 1,5mm² FEMALE

PLUG AT CABLE

WITH CRIMPCONTACTS 1,5mm² MALE

ARTICLE HAN 6

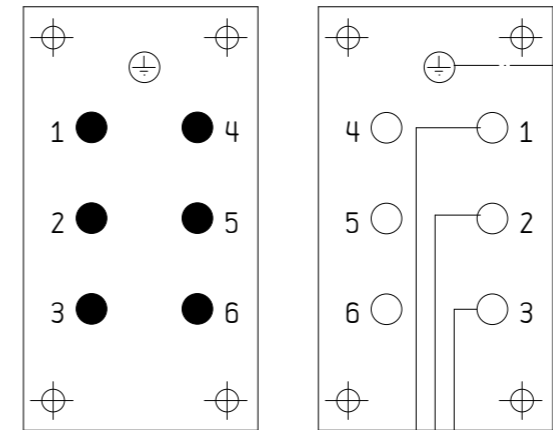
| Pc.. | Cat. no. | DESCRIPTION |
|------|----------------|---|
| 1 | 09 30 006 0302 | HOUSING BASE |
| 1 | 09 33 006 2702 | FEMALE CONTACTS (INSERT) |
| 6 | 09 33 000 6204 | BUSH INSERT CRIMP (1,5MM ²) |
| 1 | 09 33 006 2602 | MALE INSERT |
| 6 | 09 33 000 6104 | FEMALE CONTACTS CRIMP (1,5MM ²) |
| 1 | 09 33 000 0442 | HOUSING TOP (FOR PG21) |
| 1 | 09 30 006 5423 | COVER PLATE |
| 1 | 09 00 000 5168 | SPECIAL CABLE GLAND |
| | | PLASTIC, WITH TENSION RELEASE |
| | | AND BEND PROTECTION CG21 |
| 1 | 09 00 000 5030 | CUTTING OUT OF THE SEAL RING |
| 2 | 09 33 000 9954 | CODING PIN |

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED

HAN 6

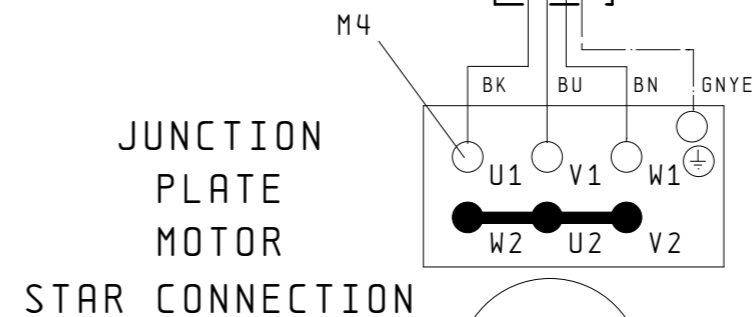
FEMALE

MALE



CABLE TYPE:
ÖLFLEX CLASSIC 110-G
4 x 1,5 mm²

- 1 => BK
- 2 => BU
- 3 => BN
- PE=> GNYE



CONNECTION ON MOTOR
CABLE END CA. 10CM TO STRIP
BK, BU, BK UND BN OF CA. 8CM CAT UP
NOT GNYE
ALL WIRE WITH EYELET EQUIPPED
HOLE DIAMETER 4,2MM

3~
M

=WIRP4+VORORT
-M01 - M02

| | | | | | | | | | | |
|--------|----------|---------------|-----------------------|----------------------|--------------------------------------|----------------------------|-----------------|-----|--------|--------|
| Date | 14.02.06 | Merlin Gerin | Schneider Electric | DP CANopen OPTIMIZED | CABLE-AND PLUG PRODUCTION HAN 6 6 | Drawing number 33003614 | = LAYP + LAY | | | |
| User. | hoe | Square D | | | | | | | | |
| Check. | | Telemecanique | | | | | | | | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | LAY 18 | DCO | Pa. 18 | 26 Bl. |

CABLE PRODUCTION FOR EQUIPMENT CONNECTION

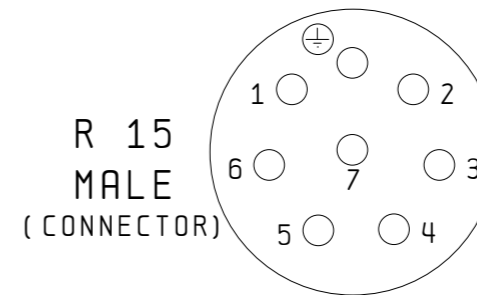
CABLE LENGTH CA 4M

WITH CRIMPCONTACTS 1,0mm² FEMALE
WITH CRIMPCONTACTS 1,0mm² MALE

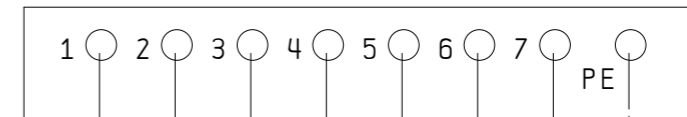
ARTICLE R 15
CONCENTRIC PLUG-AND-SOCKET
CRIMP CONNECTION

| Pc.. | Cat. no. | DESCRIPTION |
|------|----------------|---|
| 1 | 09 15 000 0101 | SCREW-IN HOUSING 13,5 PG PLASTIC |
| 1 | 09 15 000 0401 | HOOT UPPER SIDE (PLASTIC) |
| 1 | 09 15 000 5401 | COVER SCREW MOUNTING |
| 1 | 09 15 007 3101 | BUSH INSERT (FEMALE) |
| 8 | 09 15 000 6202 | CRIMP FEMALE CONTACTS (1,5MM ² AG) |
| 1 | 09 15 007 3001 | MALE INSERT (M) |
| 8 | 09 15 000 6102 | CRIMP MALE CONTACTS (1,0MM ² AG) |
| | | |
| | | |
| | | |
| | | |

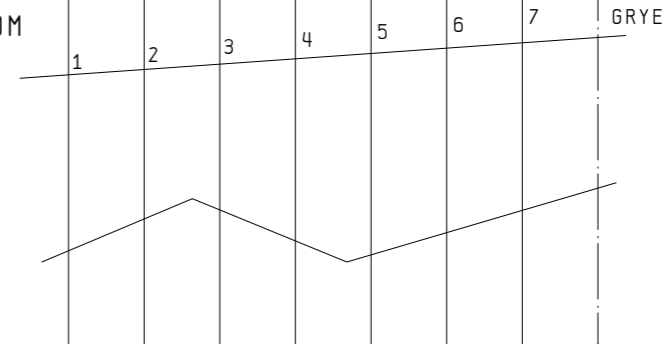
- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED



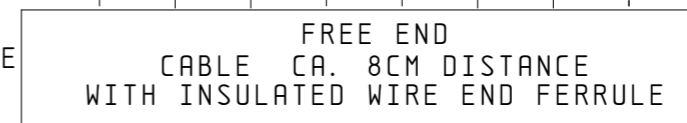
=WIRP1+COM
-XS01



=WIRP1+COM
-WS01



=WIRP1
+ON SITE
-A01



CABLE TYPE:
ÖLFLEX
CLASSIC 110-G
10 x 1,0 mm²
1 - 6 => BK
PE=> GNYE

| | | | | | | | |
|--------|----------|------|----------------------|---------------------------|----------------|--------|--------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | CABLE-AND PLUG PRODUCTION | Drawing number | =LAYP | |
| User. | SEG | | MP&A/AD&S | | 33003614 | +LAY | |
| Check. | | | Created for | | LAY 19 | Pa. 19 | |
| Change | Date | Name | Stand. | First. | Created by. | DCO | 26 Bl. |

CABLE PRODUCTION FOR EQUIPMENT CONNECTION

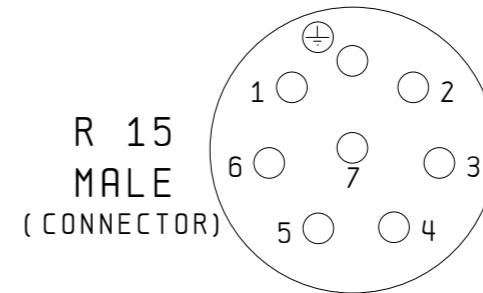
CABLE LENGTH CA 4M

WITH CRIMPCONTACTS 1,0mm² FEMALE
WITH CRIMPCONTACTS 1,0mm² MALE

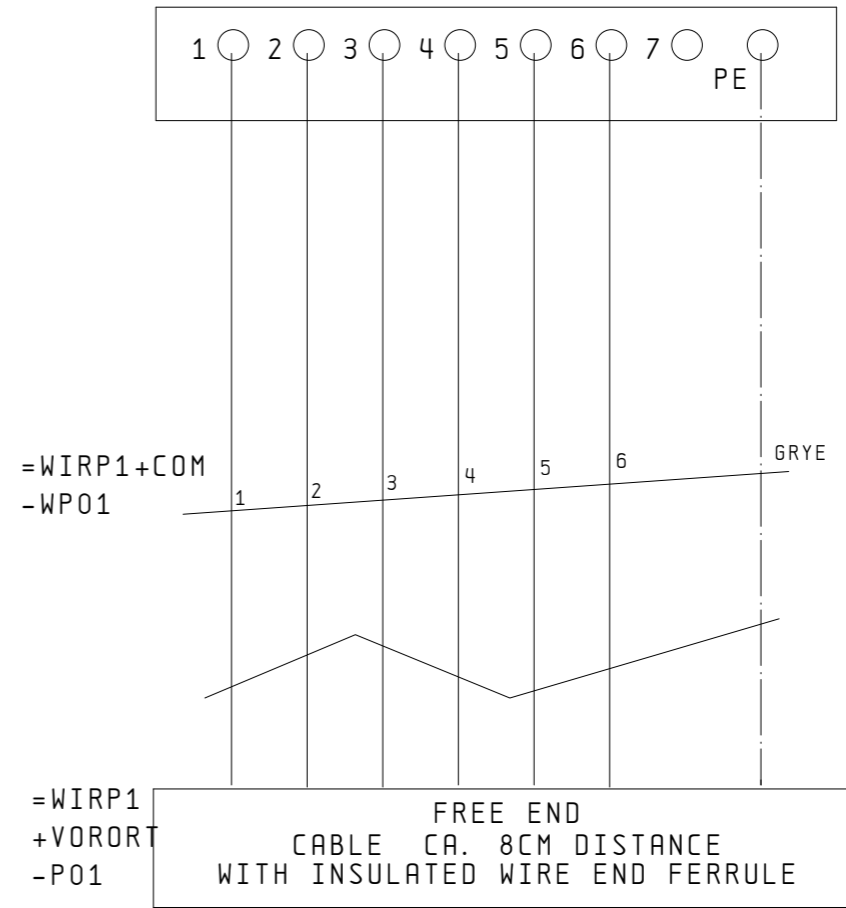
ARTICLE R 15
CONCENTRIC PLUG-AND-SOCKET
CRIMP CONNECTION

| Pc.. | Cat. no. | DESCRIPTION |
|------|----------------|---|
| 1 | 09 15 000 0101 | SCREW-IN HOUSING 13,5 PG PLASTIC |
| 1 | 09 15 000 0401 | HOOT UPPER SIDE (PLASTIC) |
| 1 | 09 15 000 5401 | COVER SCREW MOUNTING |
| 1 | 09 15 007 3101 | BUSH INSERT (FEMALE) |
| 8 | 09 15 000 6202 | CRIMP FEMALE CONTACTS (1,5MM ² AG) |
| 1 | 09 15 007 3001 | MALE INSERT (M) |
| 8 | 09 15 000 6102 | CRIMP MALE CONTACTS (1,0MM ² AG) |
| | | |
| | | |
| | | |
| | | |

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED



R 15
MALE
(CONNECTOR)
=WIRP1+COM
-XPO1



CABLE TYPE:
ÖLFLEX
CLASSIC 110-G
7 x 1,0 mm²
1 - 6 => BK
PE=> GRYE

| | | | | | | | |
|--------|----------|------|----------------------|------------------------------|----------------|--------|--------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | CABLE-AND PLUG PRODUCTION | Drawing number | =LAYP | |
| User. | SEG | | MP&A/AD&S | | 33003614 | +LAY | |
| Check. | | | Created for | | LAY 20 | Pa. 20 | |
| Change | Date | Name | Stand. | First. | Created by. | DCO | 26 Bl. |

CABLE PRODUCTION FOR EQUIPMENT CONNECTION

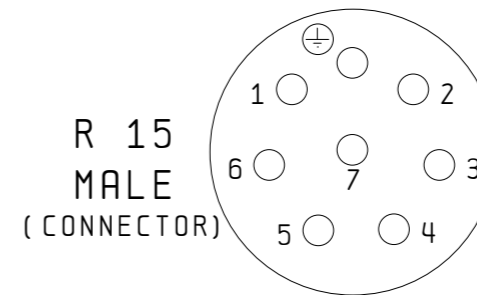
CABLE LENGTH CA 4M

WITH CRIMPCONTACTS 1,0mm² FEMALE
WITH CRIMPCONTACTS 1,0mm² MALE

ARTICLE R 15
CONCENTRIC PLUG-AND-SOCKET
CRIMP CONNECTION

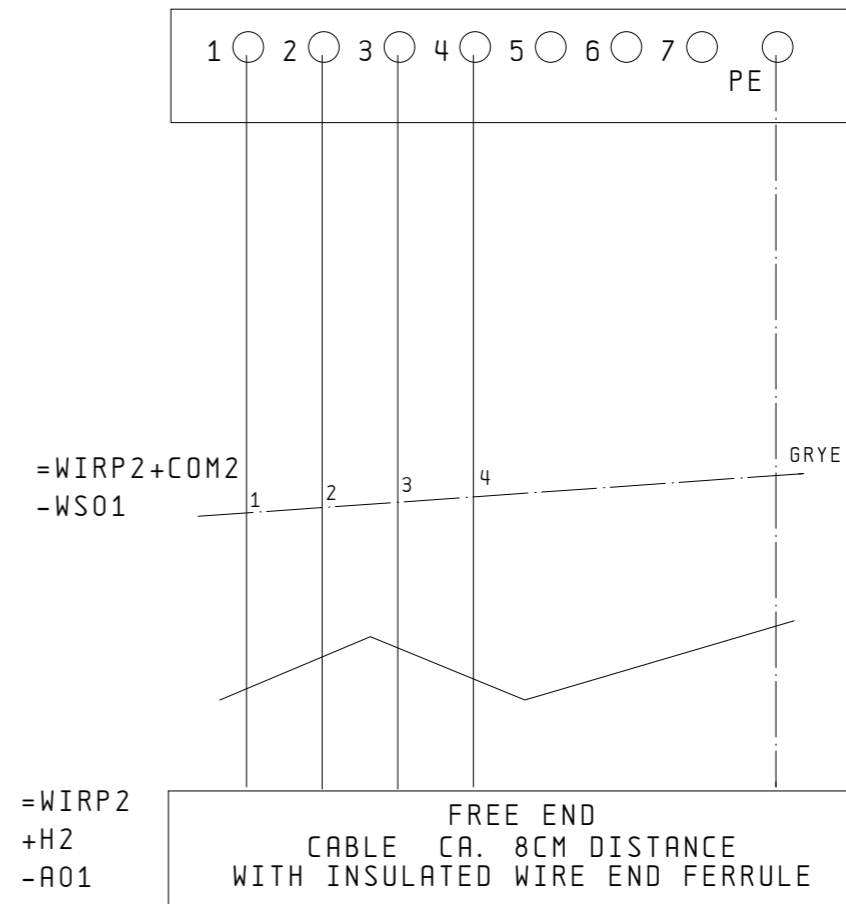
| Pc.. | Cat. no. | DESCRIPTION |
|------|----------------|---|
| 1 | 09 15 000 0101 | SCREW-IN HOUSING 13,5 PG PLASTIC |
| 1 | 09 15 000 0401 | HOOT UPPER SIDE (PLASTIC) |
| 1 | 09 15 000 5401 | COVER SCREW MOUNTING |
| 1 | 09 15 007 3101 | BUSH INSERT (FEMALE) |
| 8 | 09 15 000 6202 | CRIMP FEMALE CONTACTS (1,5MM ² AG) |
| 1 | 09 15 007 3001 | MALE INSERT (M) |
| 8 | 09 15 000 6102 | CRIMP MALE CONTACTS (1,0MM ² AG) |
| | | |
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| | | |
| | | |

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED



R 15
MALE
(CONNECTOR)

=WIRP2+COM2
-XS01



CABLE TYPE:

ÖLFLEX 100-H
5 x 1,0 mm²
1 => BK
2 => BN
3 => BK
4 => BU
PE=> GNYE

| | | | | | | | |
|--------|----------|------|----------------------|------------------------------|----------------|--------|--------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | CABLE-AND PLUG PRODUCTION | Drawing number | = LAYP | |
| User. | SEG | | MP&A/AD&S | | 33003614 | + LAY | |
| Check. | | | Created for | | LAY 21 | Pa. 21 | |
| Change | Date | Name | Stand. | First. | Created by. | DCO | 26 Bl. |

CABLE PRODUCTION FOR EQUIPMENT CONNECTION

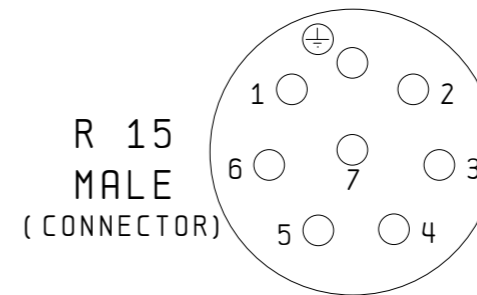
CABLE LENGTH CA 4M

WITH CRIMPCONTACTS 1,0mm² FEMALE
WITH CRIMPCONTACTS 1,0mm² MALE

ARTICLE R 15
CONCENTRIC PLUG-AND-SOCKET
CRIMP CONNECTION

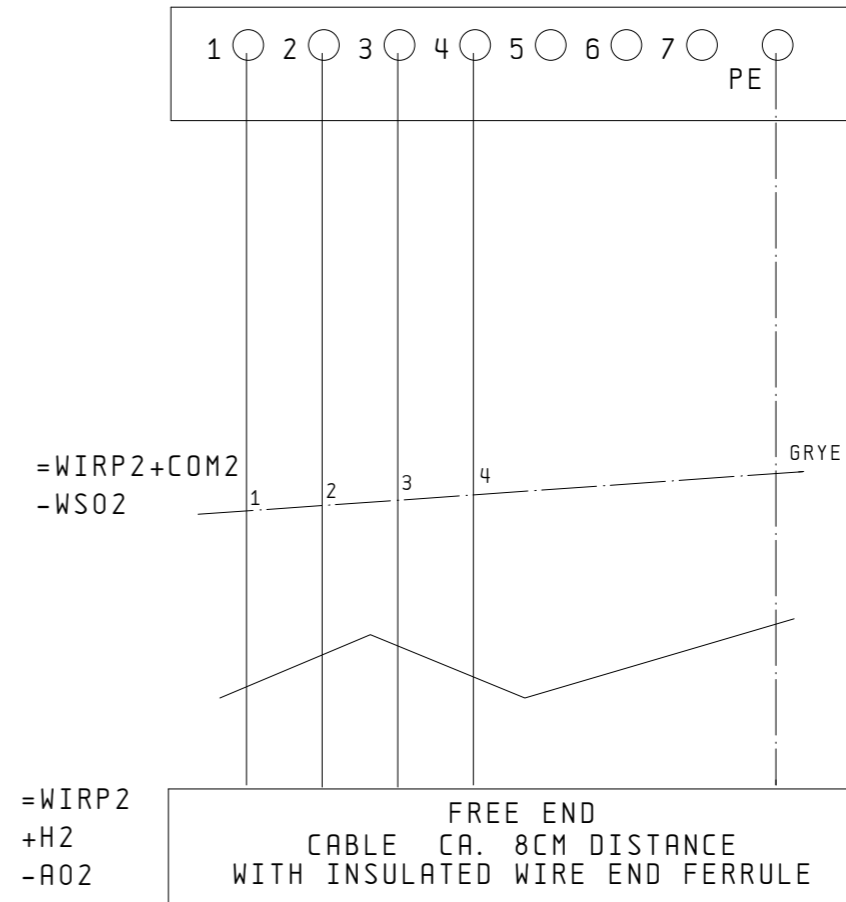
| Pc.. | Cat. no. | DESCRIPTION |
|------|----------------|---|
| 1 | 09 15 000 0101 | SCREW-IN HOUSING 13,5 PG PLASTIC |
| 1 | 09 15 000 0401 | HOOT UPPER SIDE (PLASTIC) |
| 1 | 09 15 000 5401 | COVER SCREW MOUNTING |
| 1 | 09 15 007 3101 | BUSH INSERT (FEMALE) |
| 8 | 09 15 000 6202 | CRIMP FEMALE CONTACTS (1,5MM ² AG) |
| 1 | 09 15 007 3001 | MALE INSERT (M) |
| 8 | 09 15 000 6102 | CRIMP MALE CONTACTS (1,0MM ² AG) |
| | | |
| | | |
| | | |
| | | |

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED



R 15
MALE
(CONNECTOR)

=WIRP2+COM2
-XS02



CABLE TYPE:
ÖLFLEX 100-H
5 x 1,0 mm²
1 => BK
2 => BN
3 => BK
4 => BU
PE=> GNYE

| | | | | | | | |
|--------|----------|------|----------------------|------------------------------|----------------|--------|--------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | CABLE-AND PLUG PRODUCTION | Drawing number | = LAYP | |
| User. | SEG | | MP&A/AD&S | | 33003614 | + LAY | |
| Check. | | | Created for | | LAY 22 | Pa. 22 | |
| Change | Date | Name | Stand. | First. | Created by. | DCO | 26 Bl. |

CABLE PRODUCTION FOR EQUIPMENT CONNECTION

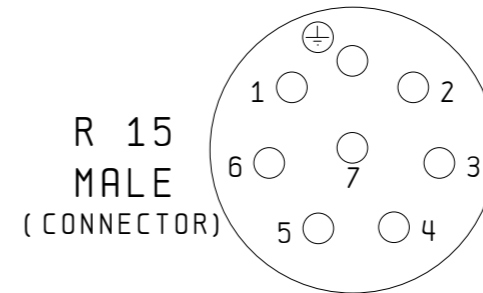
CABLE LENGTH CA 4M

WITH CRIMPCONTACTS 1,0mm² FEMALE
WITH CRIMPCONTACTS 1,0mm² MALE

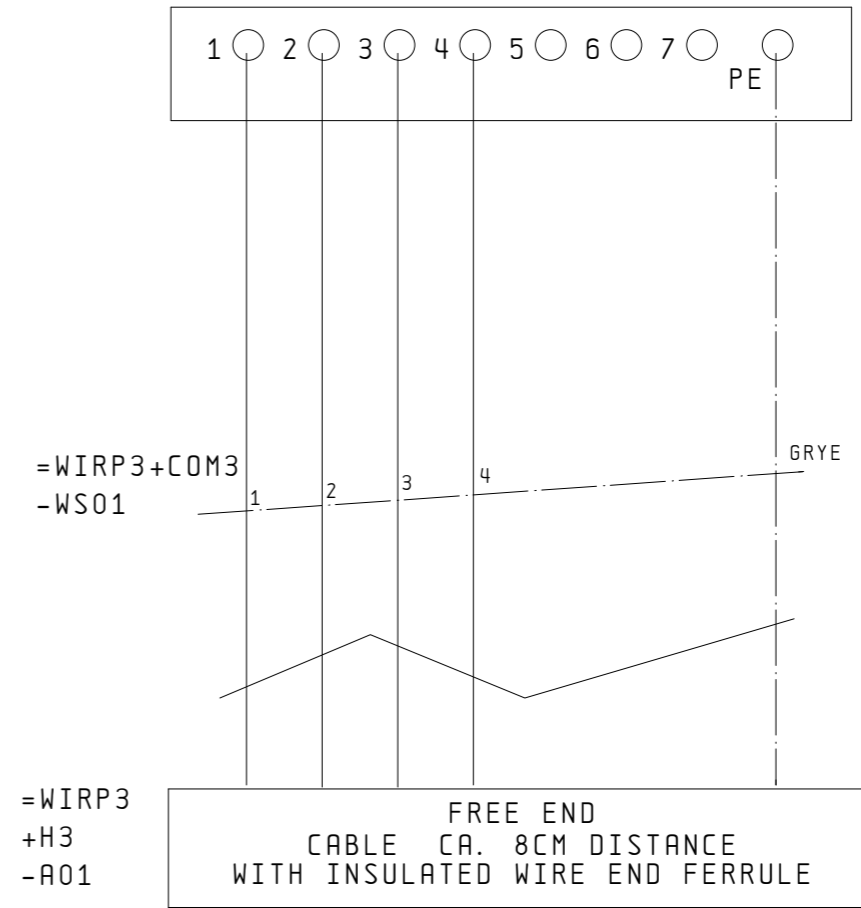
ARTICLE R 15
CONCENTRIC PLUG-AND-SOCKET
CRIMP CONNECTION

| Pc.. | Cat. no. | DESCRIPTION |
|------|----------------|---|
| 1 | 09 15 000 0101 | SCREW-IN HOUSING 13,5 PG PLASTIC |
| 1 | 09 15 000 0401 | HOOT UPPER SIDE (PLASTIC) |
| 1 | 09 15 000 5401 | COVER SCREW MOUNTING |
| 1 | 09 15 007 3101 | BUSH INSERT (FEMALE) |
| 8 | 09 15 000 6202 | CRIMP FEMALE CONTACTS (1,5MM ² AG) |
| 1 | 09 15 007 3001 | MALE INSERT (M) |
| 8 | 09 15 000 6102 | CRIMP MALE CONTACTS (1,0MM ² AG) |
| | | |
| | | |
| | | |
| | | |

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED



R 15
MALE
(CONNECTOR)
=WIRP3+COM3
-XS01



CABLE TYPE:
ÖLFLEX 100-H
5 x 1,0 mm²
1 => BK
2 => BN
3 => BK
4 => BU
PE=> GNYE

CABLE PRODUCTION FOR EQUIPMENT CONNECTION

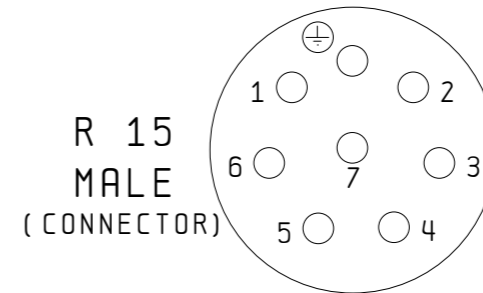
CABLE LENGTH CA 4M

WITH CRIMPCONTACTS 1,0mm² FEMALE
WITH CRIMPCONTACTS 1,0mm² MALE

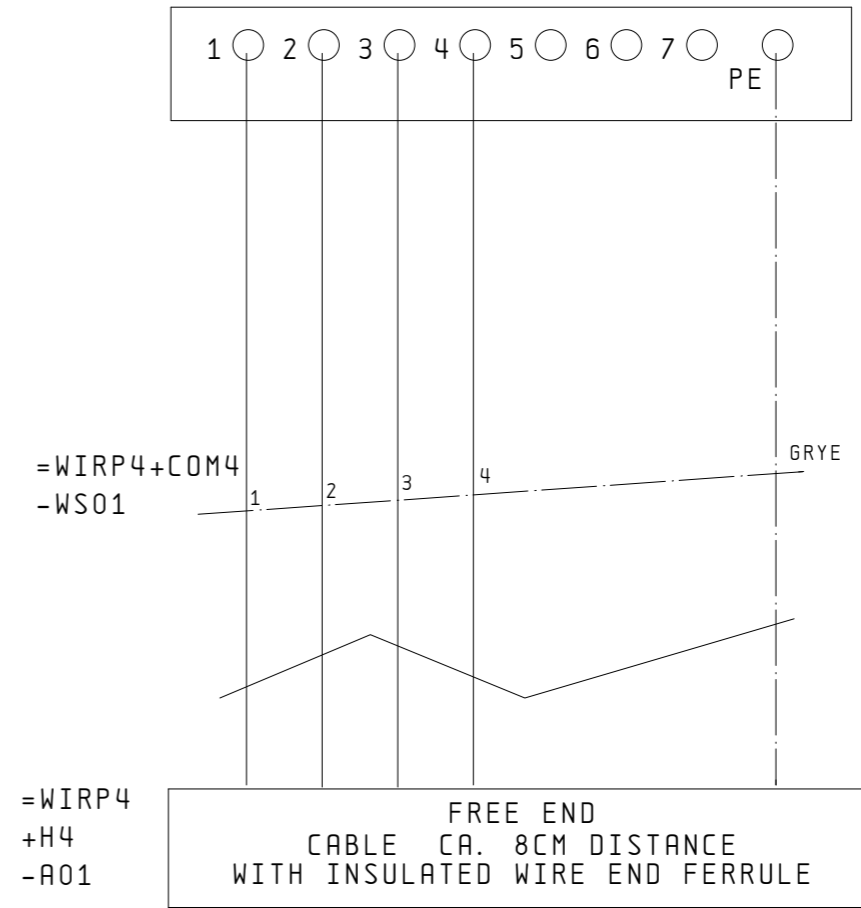
ARTICLE R 15
CONCENTRIC PLUG-AND-SOCKET
CRIMP CONNECTION

| Pc.. | Cat. no. | DESCRIPTION |
|------|----------------|---|
| 1 | 09 15 000 0101 | SCREW-IN HOUSING 13,5 PG PLASTIC |
| 1 | 09 15 000 0401 | HOOT UPPER SIDE (PLASTIC) |
| 1 | 09 15 000 5401 | COVER SCREW MOUNTING |
| 1 | 09 15 007 3101 | BUSH INSERT (FEMALE) |
| 8 | 09 15 000 6202 | CRIMP FEMALE CONTACTS (1,5MM ² AG) |
| 1 | 09 15 007 3001 | MALE INSERT (M) |
| 8 | 09 15 000 6102 | CRIMP MALE CONTACTS (1,0MM ² AG) |
| | | |
| | | |
| | | |
| | | |

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED



R 15
MALE
(CONNECTOR)
=WIRP4+COM4
-XS01



CABLE TYPE:
ÖLFLEX 100-H
5 x 1,0 mm²
1 => BK
2 => BN
3 => BK
4 => BU
PE=> GNYE

CABLE PRODUCTION FOR EQUIPMENT CONNECTION

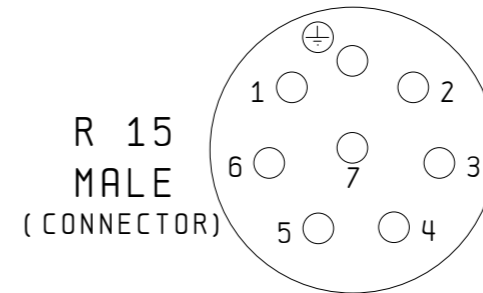
CABLE LENGTH CA 4M

WITH CRIMPCONTACTS 1,0mm² FEMALE
WITH CRIMPCONTACTS 1,0mm² MALE

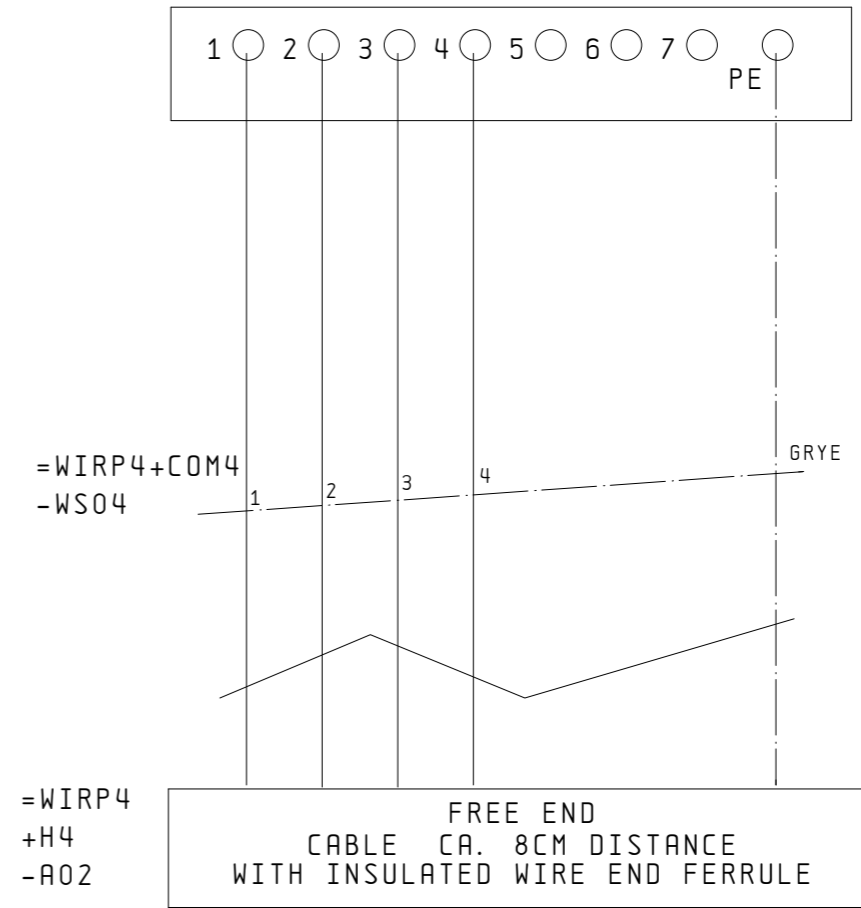
ARTICLE R 15
CONCENTRIC PLUG-AND-SOCKET
CRIMP CONNECTION

| Pc.. | Cat. no. | DESCRIPTION |
|------|----------------|---|
| 1 | 09 15 000 0101 | SCREW-IN HOUSING 13,5 PG PLASTIC |
| 1 | 09 15 000 0401 | HOOT UPPER SIDE (PLASTIC) |
| 1 | 09 15 000 5401 | COVER SCREW MOUNTING |
| 1 | 09 15 007 3101 | BUSH INSERT (FEMALE) |
| 8 | 09 15 000 6202 | CRIMP FEMALE CONTACTS (1,5MM ² AG) |
| 1 | 09 15 007 3001 | MALE INSERT (M) |
| 8 | 09 15 000 6102 | CRIMP MALE CONTACTS (1,0MM ² AG) |
| | | |
| | | |
| | | |
| | | |

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED

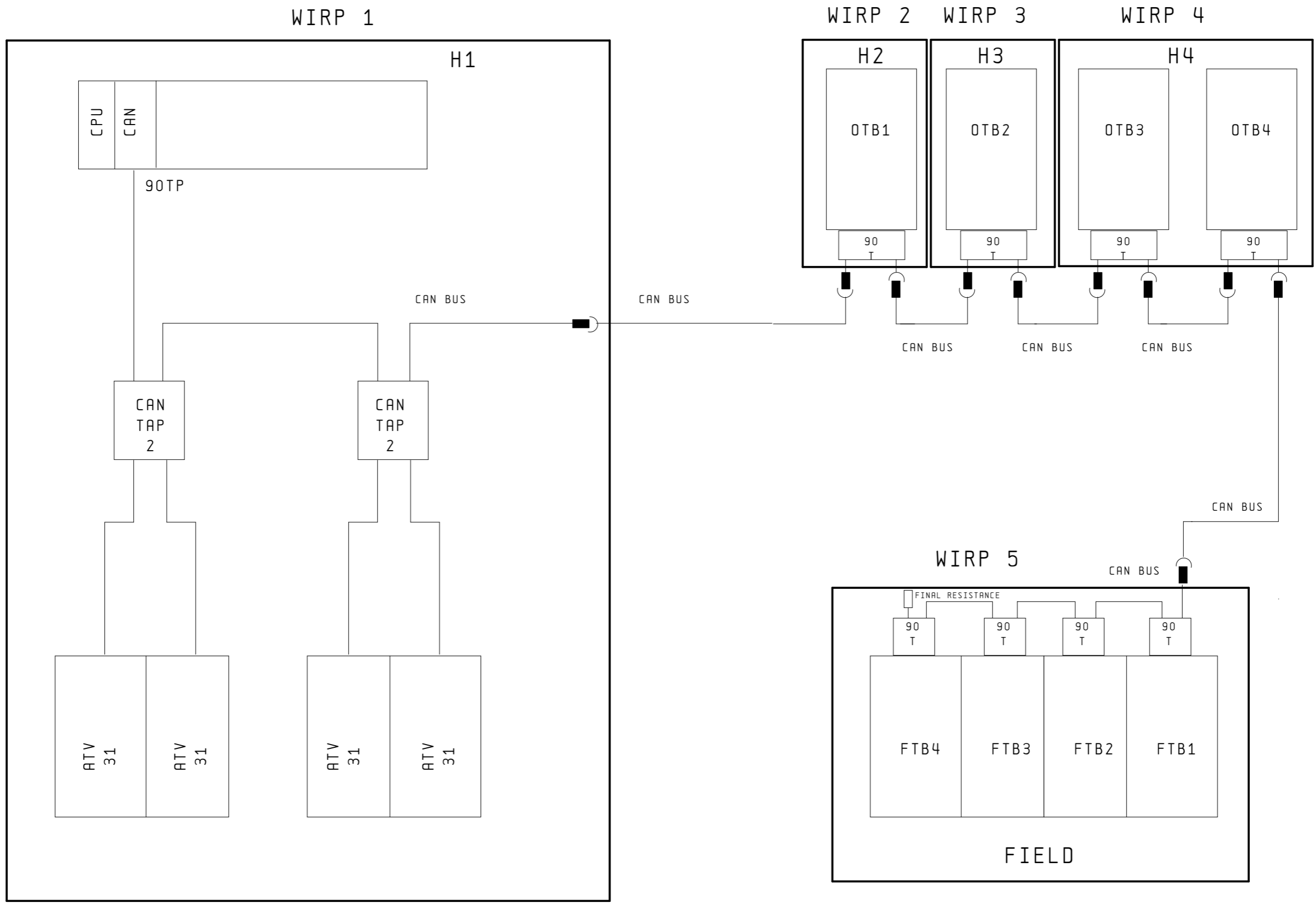


R 15
MALE
(CONNECTOR)
=WIRP4+COM4
-XS02

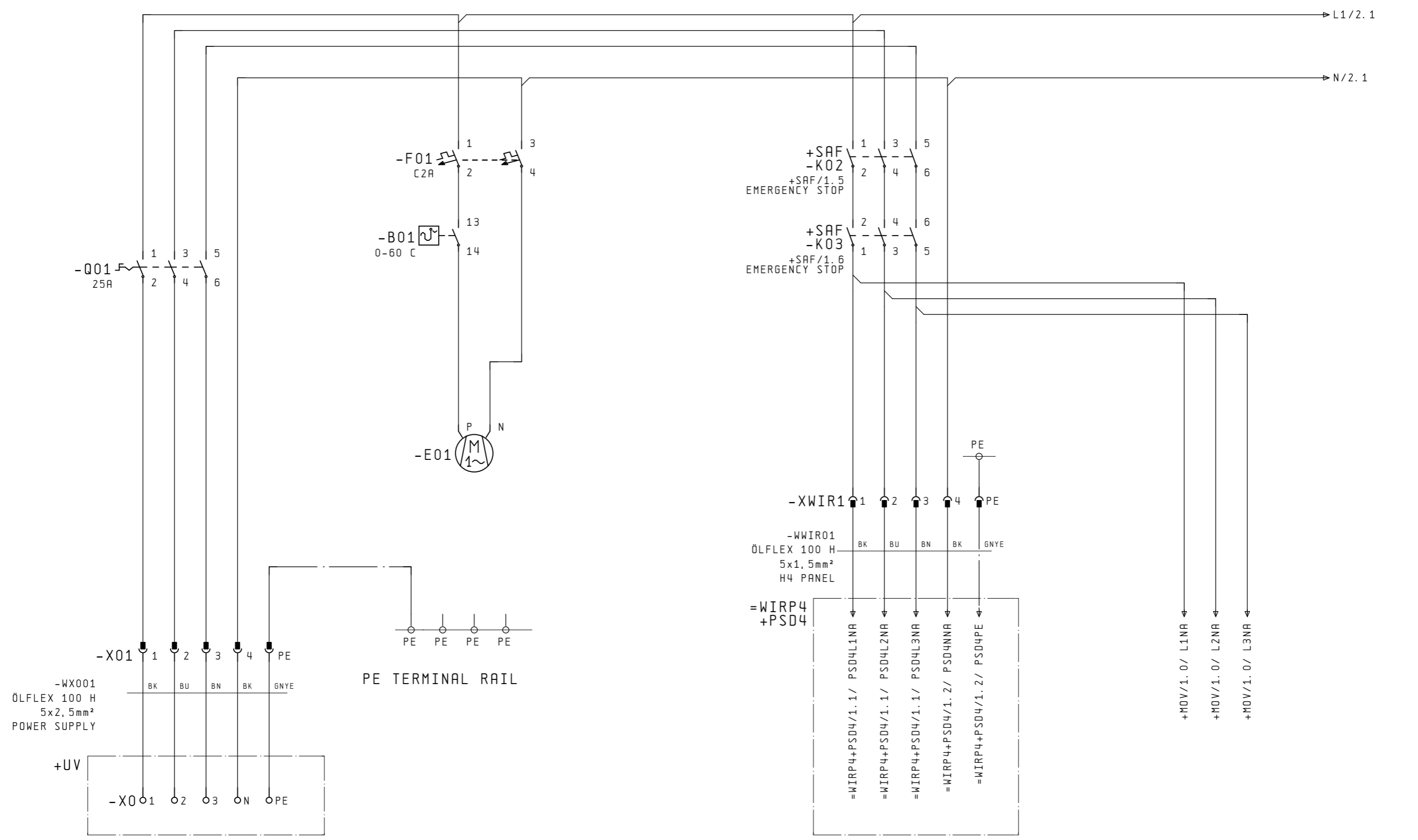


CABLE TYPE:
ÖLFLEX 100-H
5 x 1,0 mm²
1 => BK
2 => BN
3 => BK
4 => BU
PE=> GNYE

| | | | | | | | |
|--------|----------|------|----------------------|------------------------------|----------------|--------|--------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | CABLE-AND PLUG PRODUCTION | Drawing number | = LAYP | |
| User. | SEG | | MP&A/AD&S | | 33003614 | + LAY | |
| Check. | | | Created for | | LAY 25 | Pa. 25 | |
| Change | Date | Name | Stand. | First. | Created by. | DCO | 26 Bl. |



| | | | | | | | |
|--------|----------|------|----------------------|------------------|----------------|--------|--------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | CAN BUS OVERVIEW | Drawing number | = LAYP | |
| User. | SEG | | MP&A/AD&S | | 33003614 | + LAY | |
| Check. | | | Created for | | LAY 26 | Pa. 26 | |
| Change | Date | Name | Stand. | First. | Created by. | DCO | 26 Bl. |



POWER SUPPLY
LOCAL FUSE MAX. 16A

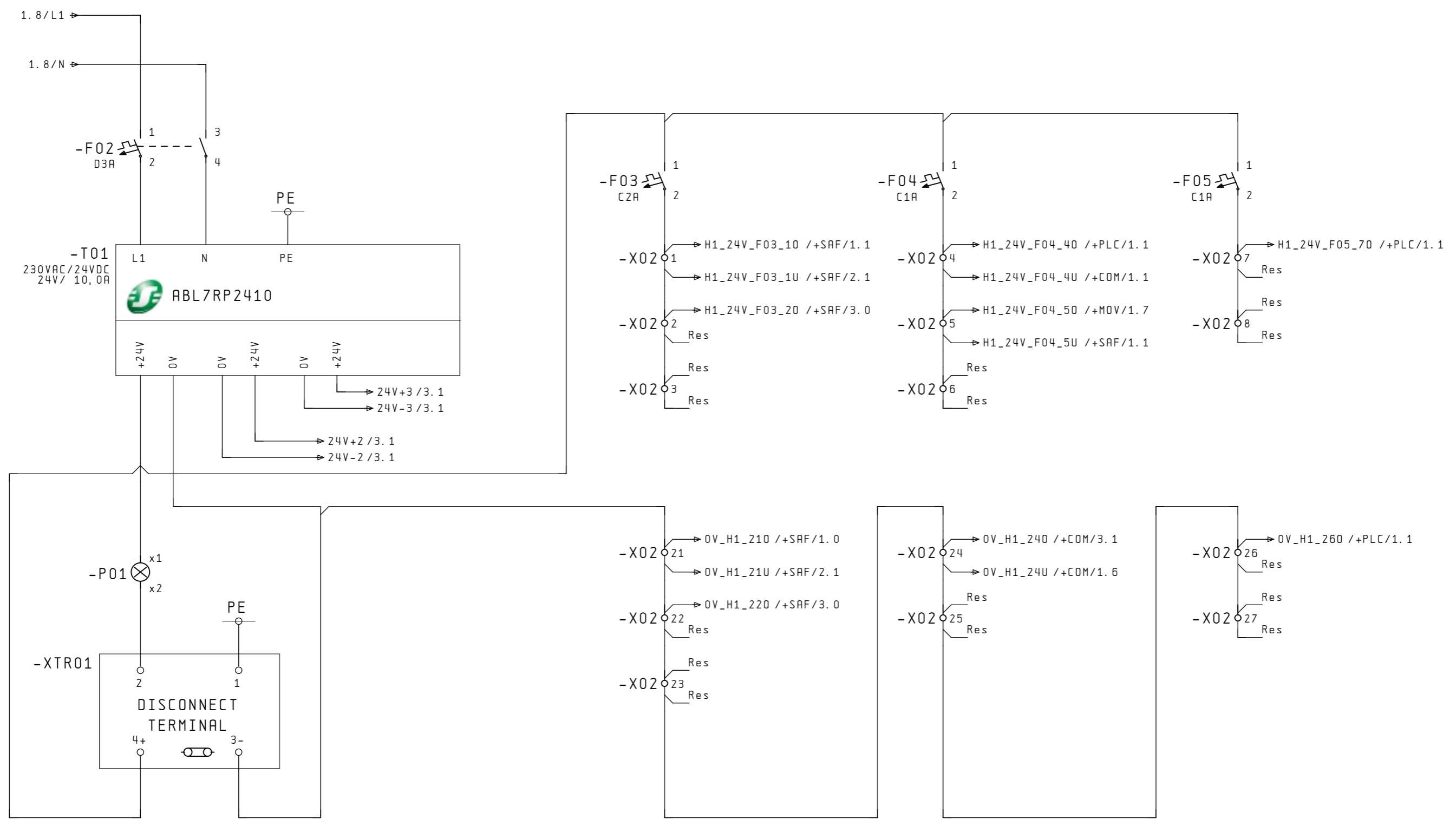
CABINET FAN CABINET FAN

CABINET +H4 SOFT
STARTER

=LAYP+LAY/26

2

| | | | | | | | | | | | | |
|--------|------|----------|--------|--------|----------------------|-------------|--------------|--|----------------|--|---------|--|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED | | POWER SUPPLY | | Drawing number | | = WIRP1 | |
| User. | | hoe | | | MP&A/AD&S | | | | 33003614 | | + PSD | |
| Check. | | | | | Created for | | Created by. | | PSD 1 | | DCO | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | | | Pa. 1 | |
| | | | | | | | | | | | 3 Bl. | |

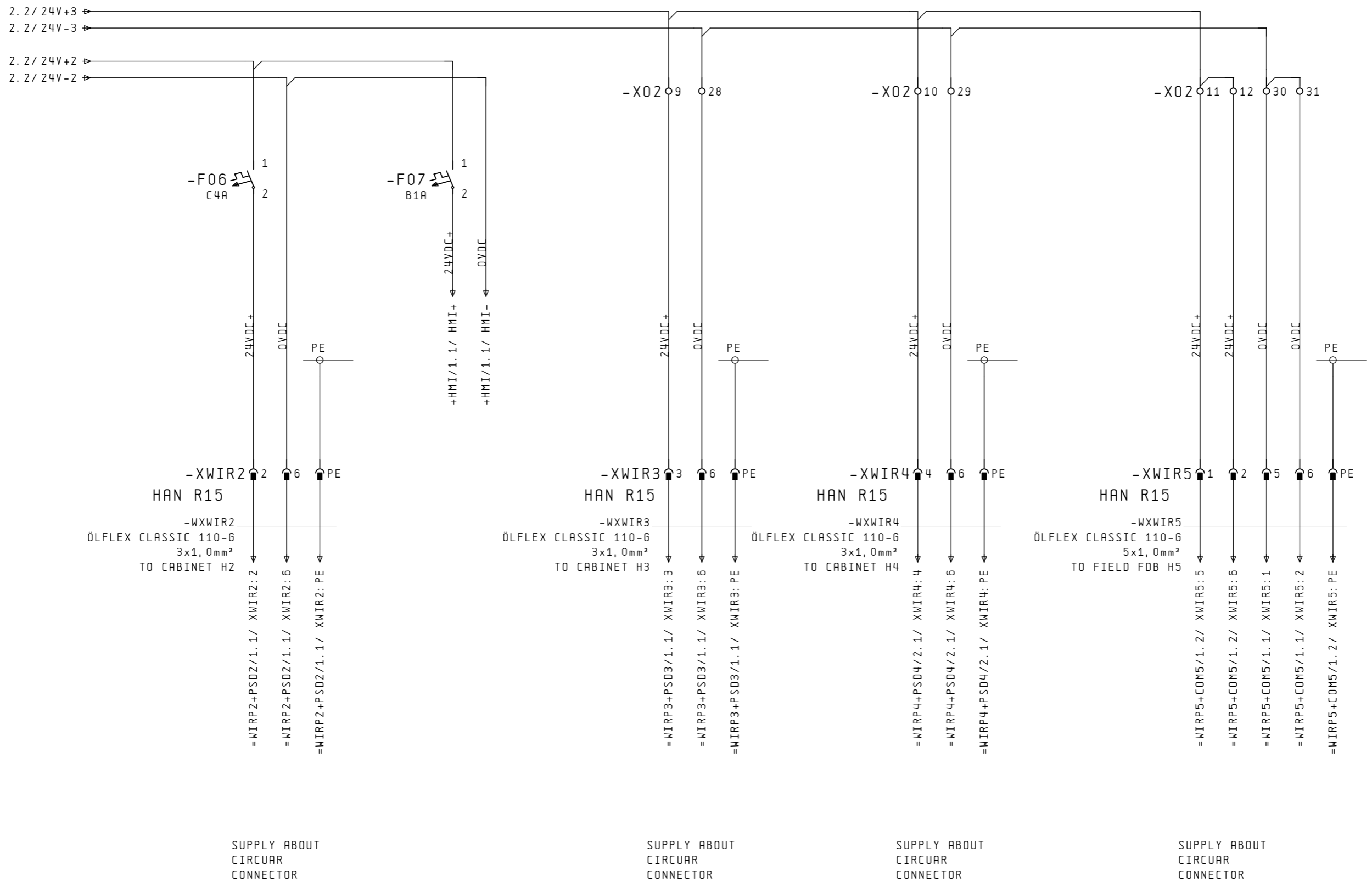


POWER SUPPLY

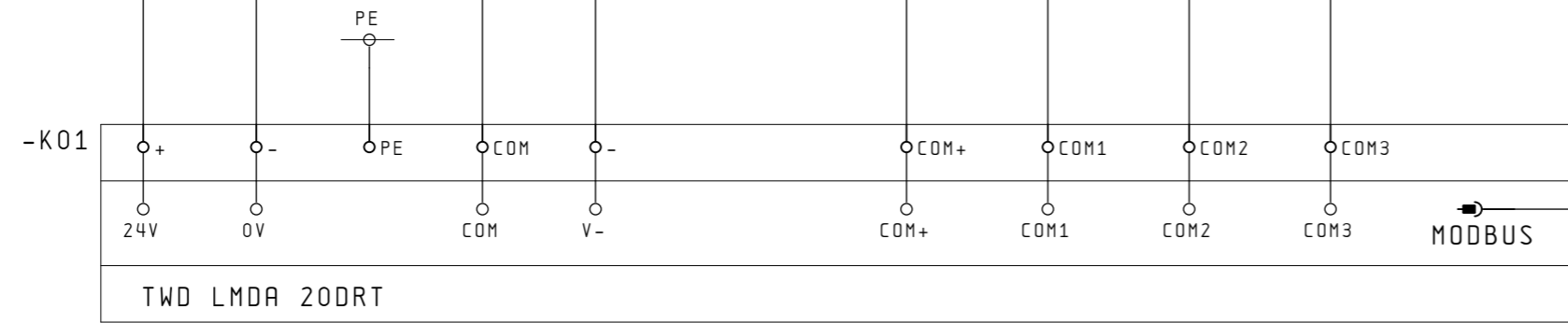
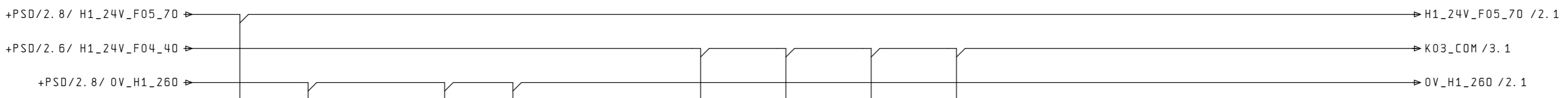
24VDC
CAN

24VDC
MAIN
SPS

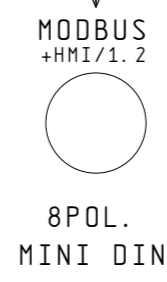
| | | | | | | | | | | | | |
|--------|------|----------|--------|--------|----------------------|-------------|-----------------------|--|----------------|--|---------|--|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED | | VOLTAGE SUPPLY 24V DC | | Drawing number | | = WIRP1 | |
| User. | | hoe | | | MP&A/AD&S | | | | 33003614 | | +PSD | |
| Check. | | | | | Created for | | Created by. | | PSD 2 | | Pa. 2 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | DCO | | 3 Bl. | |



| | | | | | | | | | | | | |
|--------|------|----------|--------|--------|----------------------|-------------|-----------------------|--|----------------|-----|---------|-------|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED | | VOLTAGE SUPPLY 24V DC | | Drawing number | | = WIRP1 | |
| User. | | hoe | | | MP&A/AD&S | | | | 33003614 | | + PSD | |
| Check. | | | | | Created for | | Created by. | | PSD 3 | | Pa. 3 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | | DCO | | 3 Bl. |

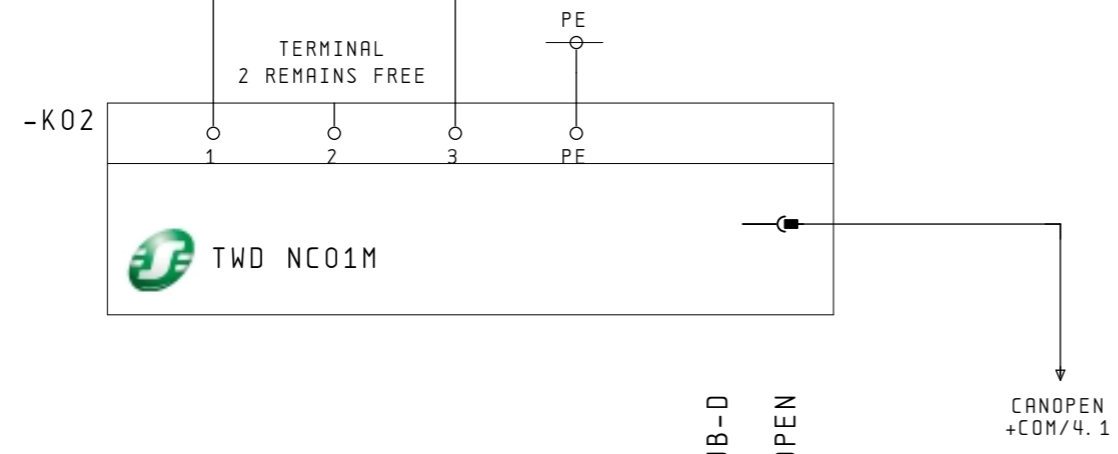


SUPPLY PLC 24V+
 SUPPLY PLC 0V-
 PE
 SUPPLY INPUTS 24V-
 SUPPLY OUTPUTS 24V-
 SUPPLY OUTPUTS 24V+
 SUPPLY OUTPUTS 24V+
 SUPPLY OUTPUTS 24V+
 SUPPLY OUTPUTS 24V+
 8POL. PS2 MINI DIN



| MODBUS | |
|-----------|--------|
| MB1 & MB2 | |
| 1 | - |
| 2 | - |
| 3 | - |
| 4 | D1 |
| 5 | D0 |
| 6 | - |
| 7 | - |
| 8 | COMMON |

1.8/ H1_24V_F05_70
 1.8/ OV_H1_260

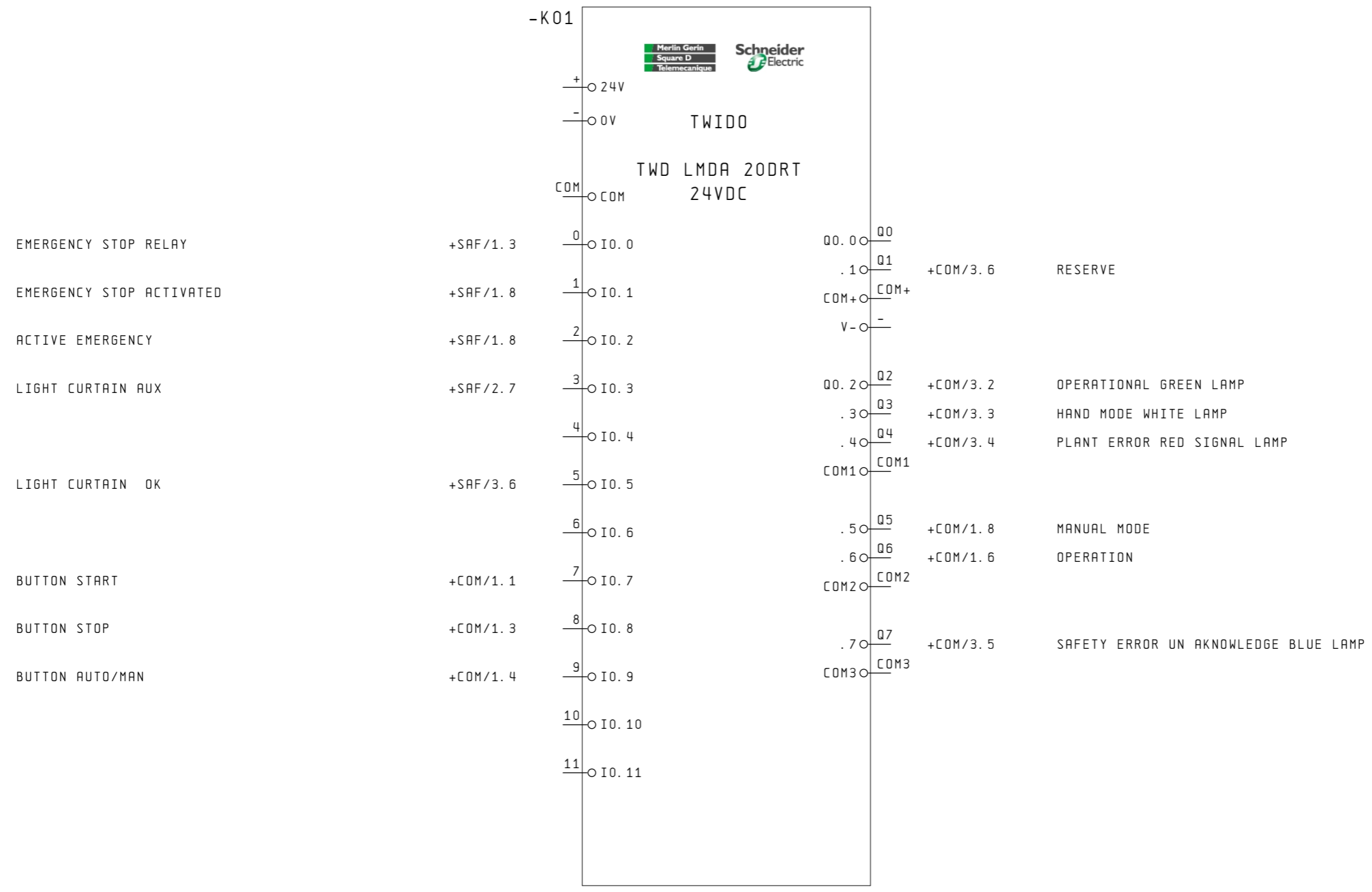


9POL. SUB-D
 CANOPEN

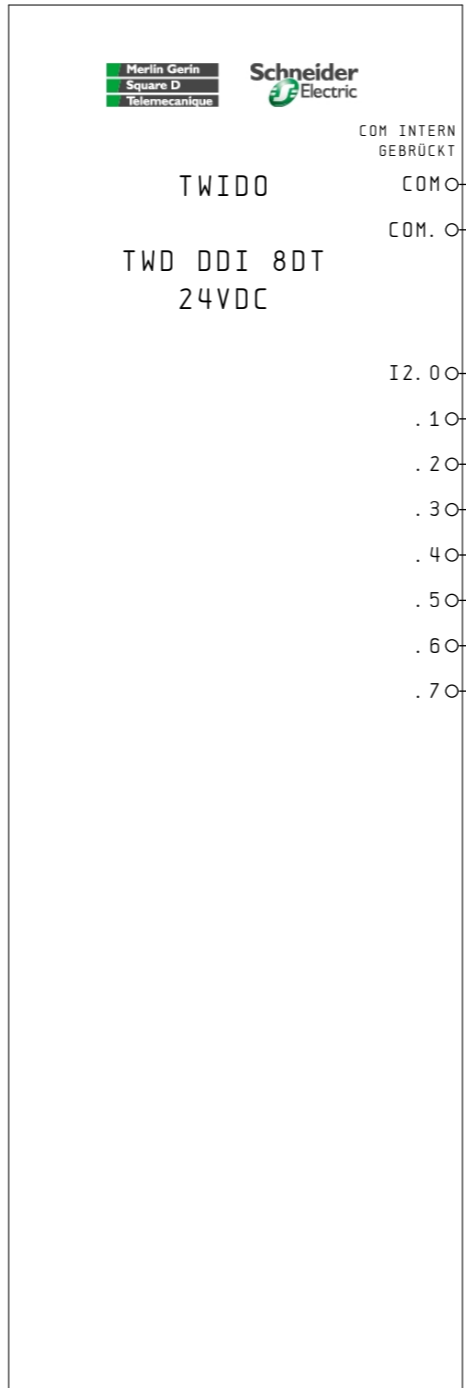
CANOPEN
 MASTER

9POL.
 SUB-D

| CANOPEN | |
|---------|---------|
| 1 | - |
| 2 | CAN_L |
| 3 | CAN_GND |
| 4 | - |
| 5 | CAN_SHD |
| 6 | GND |
| 7 | CAN_H |
| 8 | COMMON |
| 9 | CAN_V+ |



-K03



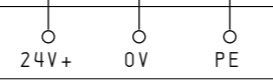
| | |
|----------|---------------------------------|
| +MOV/1.8 | MOTOR PROTECTION SWITCH DRIVE 1 |
| +MOV/2.8 | MOTOR PROTECTION SWITCH DRIVE 2 |
| +MOV/3.8 | MOTOR PROTECTION SWITCH DRIVE 3 |
| +MOV/4.8 | MOTOR PROTECTION SWITCH DRIVE 4 |

| | | | | | | | | | |
|--------|------|-------|----------|--|----------------------|-------------------------|----------------|-------------|-------|
| | | Date | 14.02.06 | | DP CANopen OPTIMIZED | TWIDO PLC IN/ OUTPUT | Drawing number | = WIRP1 | |
| | | User. | hoe | | MP&A/AD&S | | 33003614 | +PLC | |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | PLC 6 |

+PSD/3.3/HMI+

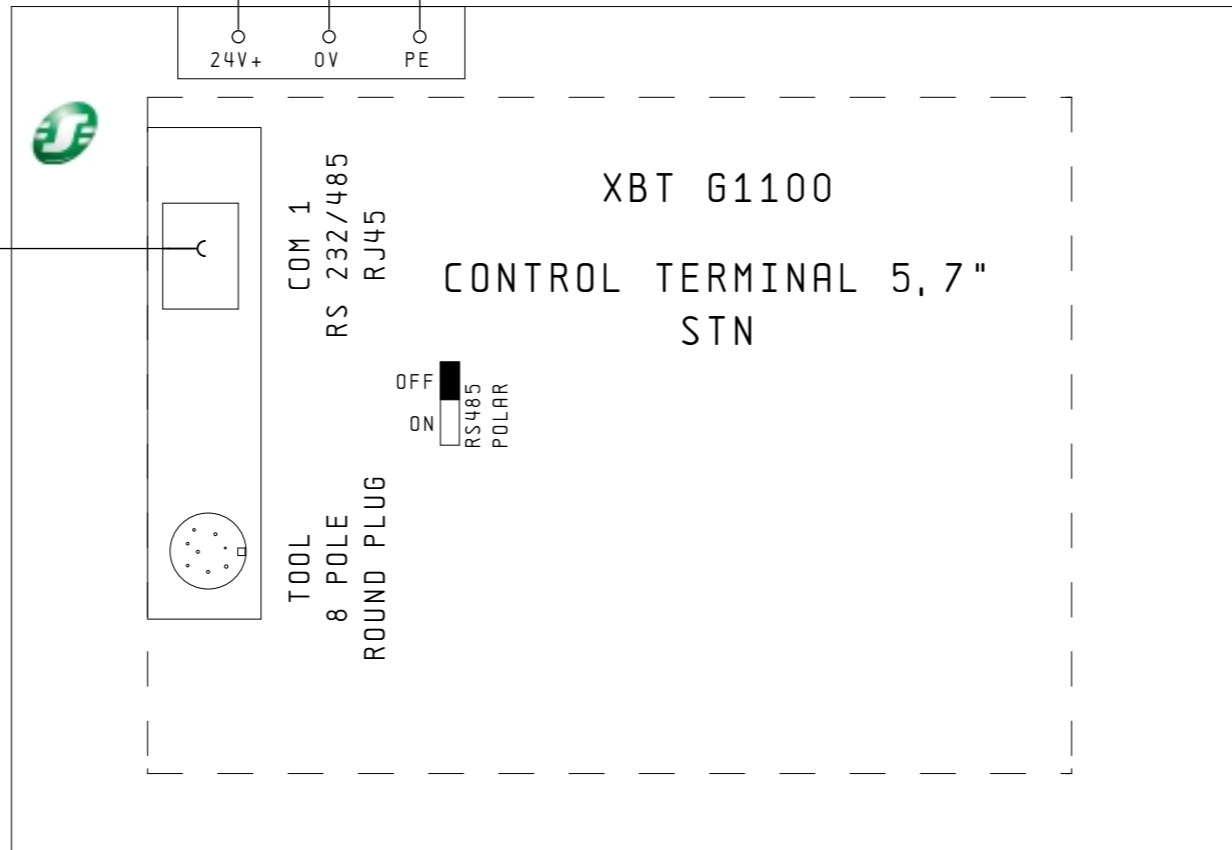
+PSD/3.3/HMI-

-P01
STN



PE

+PLC/1.7/MODBUS

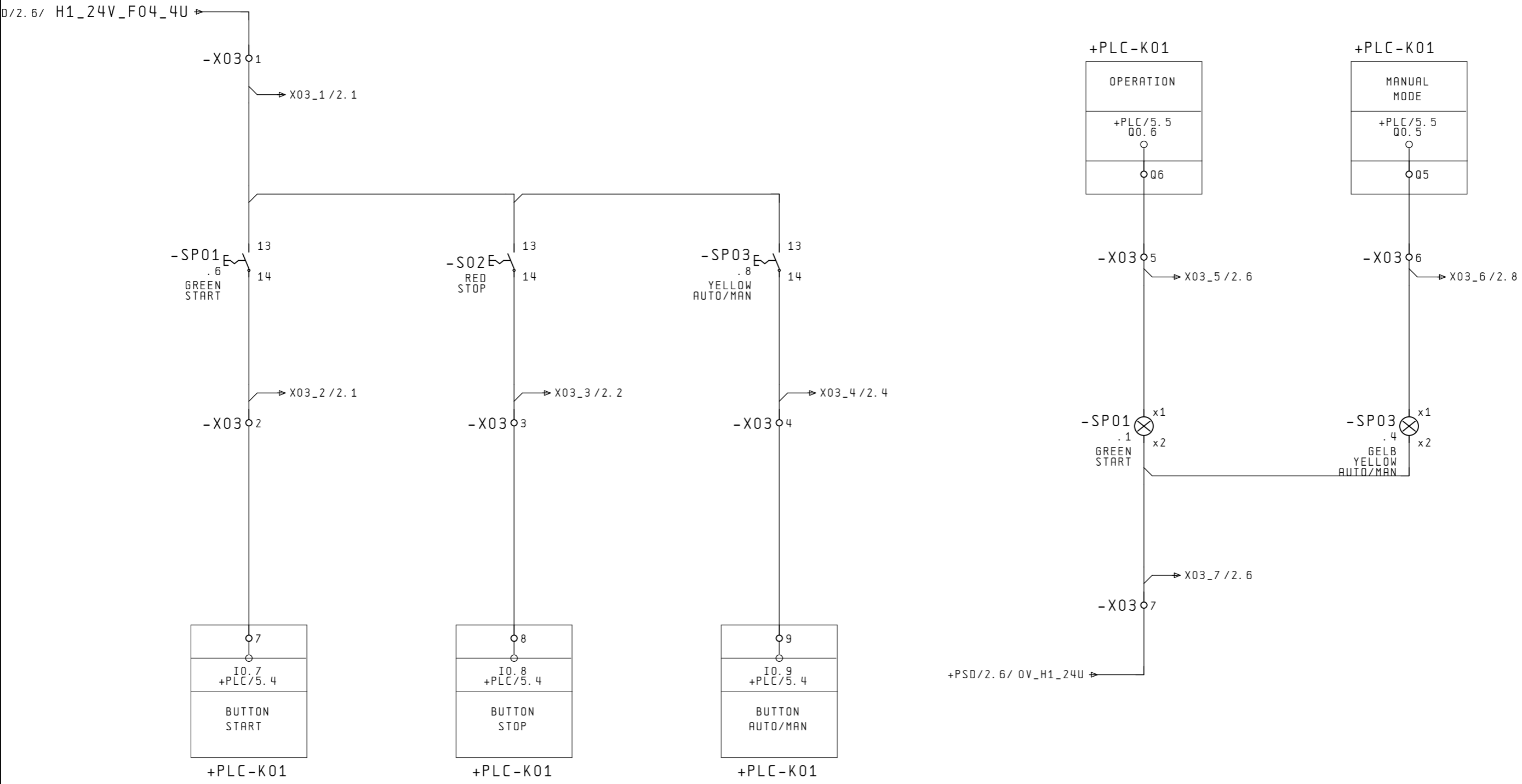


Operation terminal

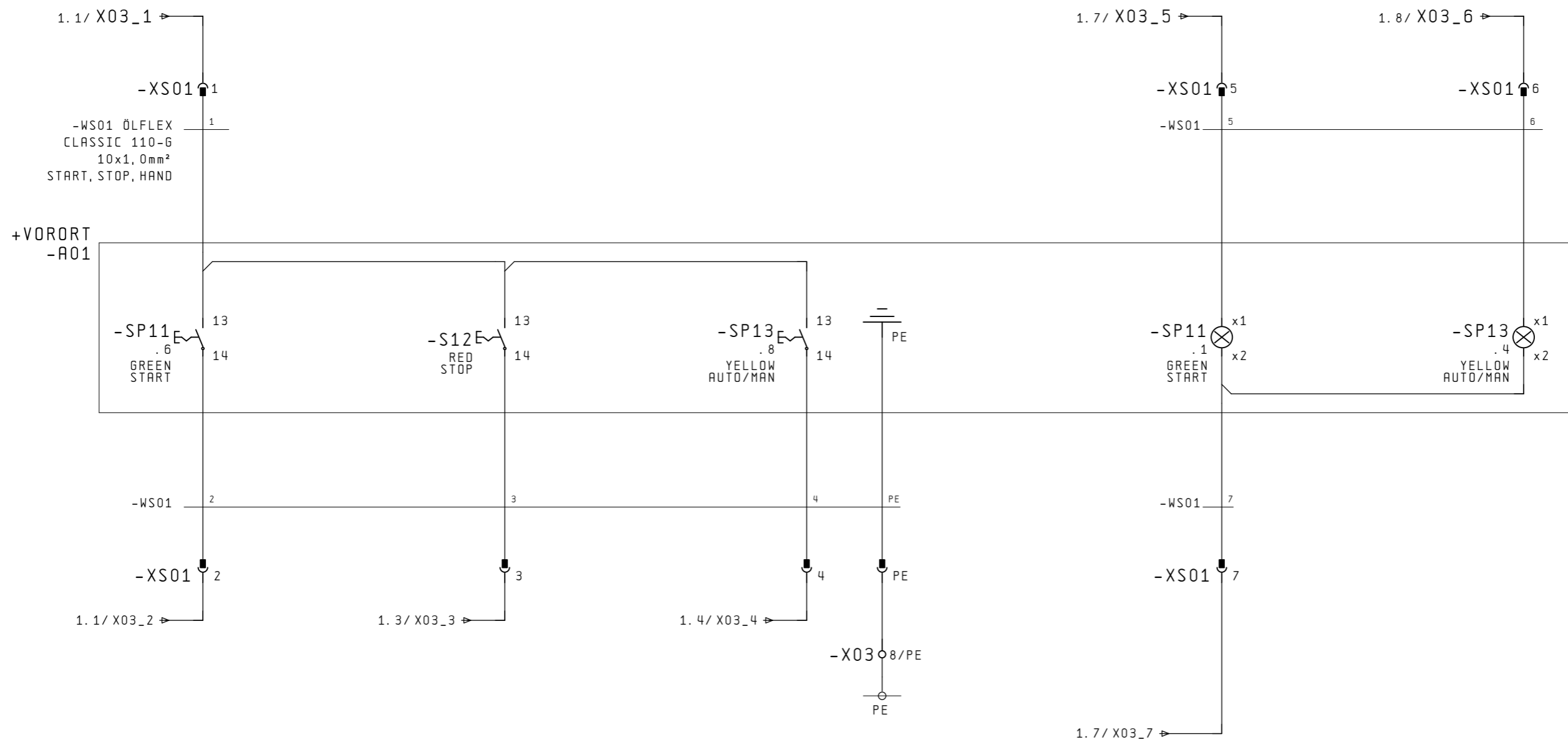
+PLC/6

+COM/1

| | | | | | | | | | | | | |
|--------|------|--------|----------|--------|-------------|----------------------|-------------------------------|----------------|-------|---------|---|--|
| | | Date | 14.02.06 | | | DP CANopen OPTIMIZED | TEXT DISPLAY CONTROLSYSTEM | Drawing number | | = WIRP1 | | |
| | | User. | hoe | | | 33003614 | | +HMI | | | | |
| | | Check. | | | | HMI 1 | | DCO | | Pa. | 1 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | 1 Bl. | | | |



| | | | | | | | | | | | | |
|--------|------|----------|--------|--------|----------------------|-------------|--------------------|--|----------------|--|---------|--|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED | | INPUT MODULE PLANT | | Drawing number | | = WIRP1 | |
| User. | | hoe | | | MP&A/AD&S | | START | | 33003614 | | + COM | |
| Check. | | | | | Created for | | Created by. | | COM 1 | | Pa. 1 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | DCO | | 4 Bl. | |



START

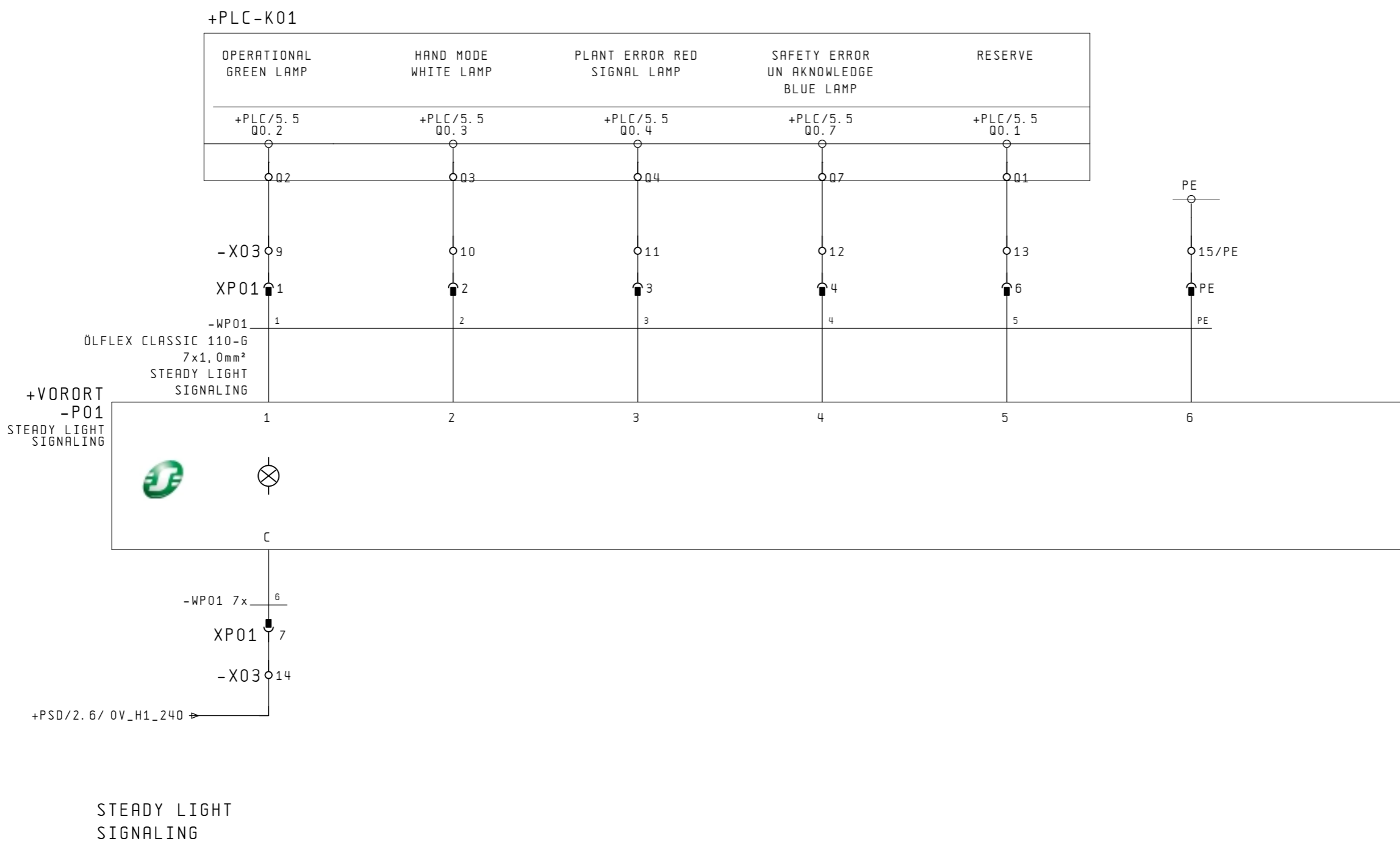
STOP

AUTO/ MAN

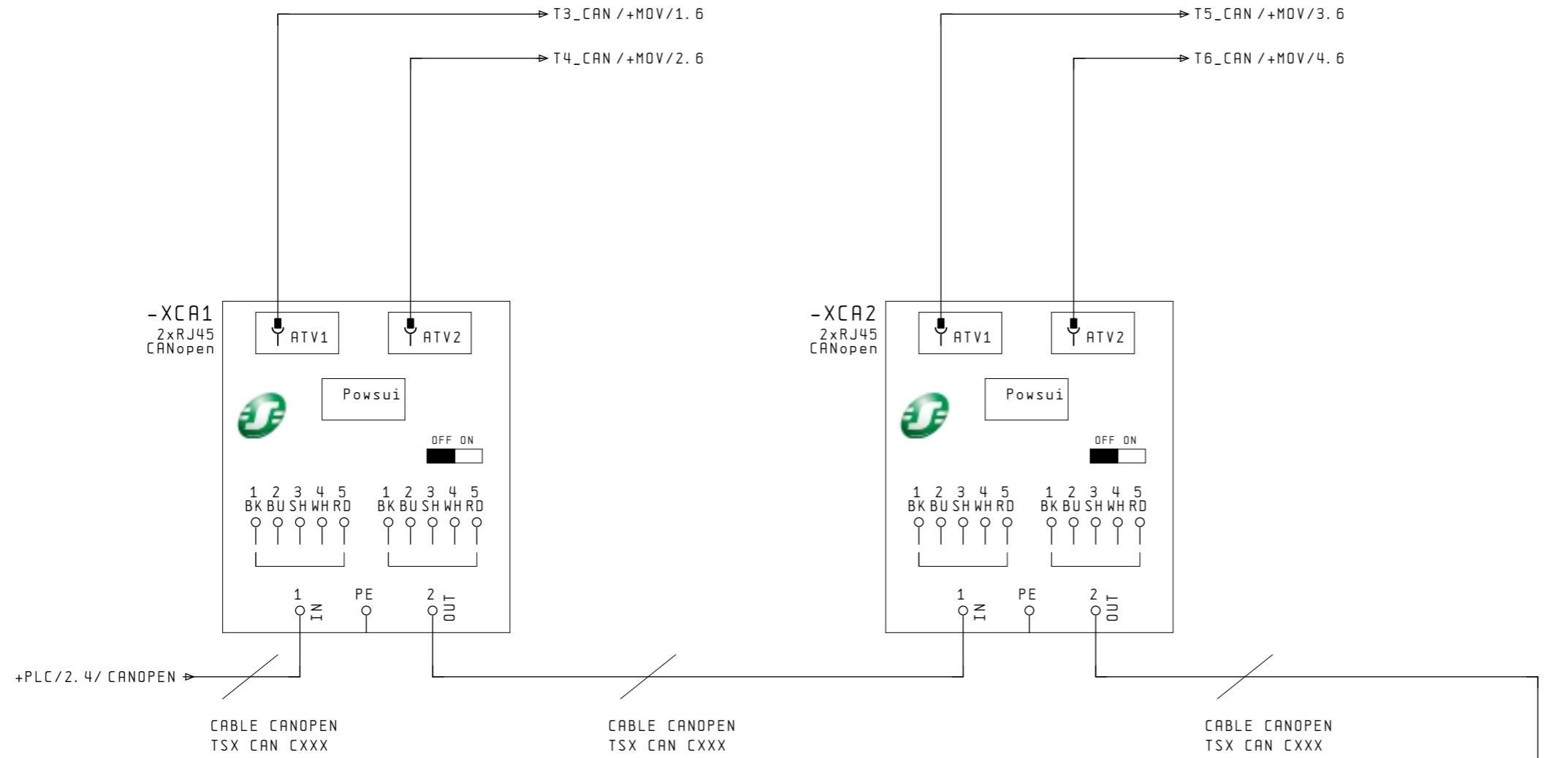
OPERATION

AUTO/ MAN

| | | | | | | | | | | |
|--------|------|--------|----------|--------|-----------------------------------|-------------------------------------|----------------|--|---------|---|
| | | Date | 14.02.06 | | DP CANopen OPTIMIZED MP&A/AD&S | INPUT MODULE PLANT START ON SITE | Drawing number | | = WIRP1 | |
| | | User. | hoe | | | | 33003614 | | + COM | |
| | | Check. | | | | | COM 2 | | Pa. | 2 |
| Change | Date | Name | Stand. | First. | Created for | Created by. | DCO | | 4 Bl. | |

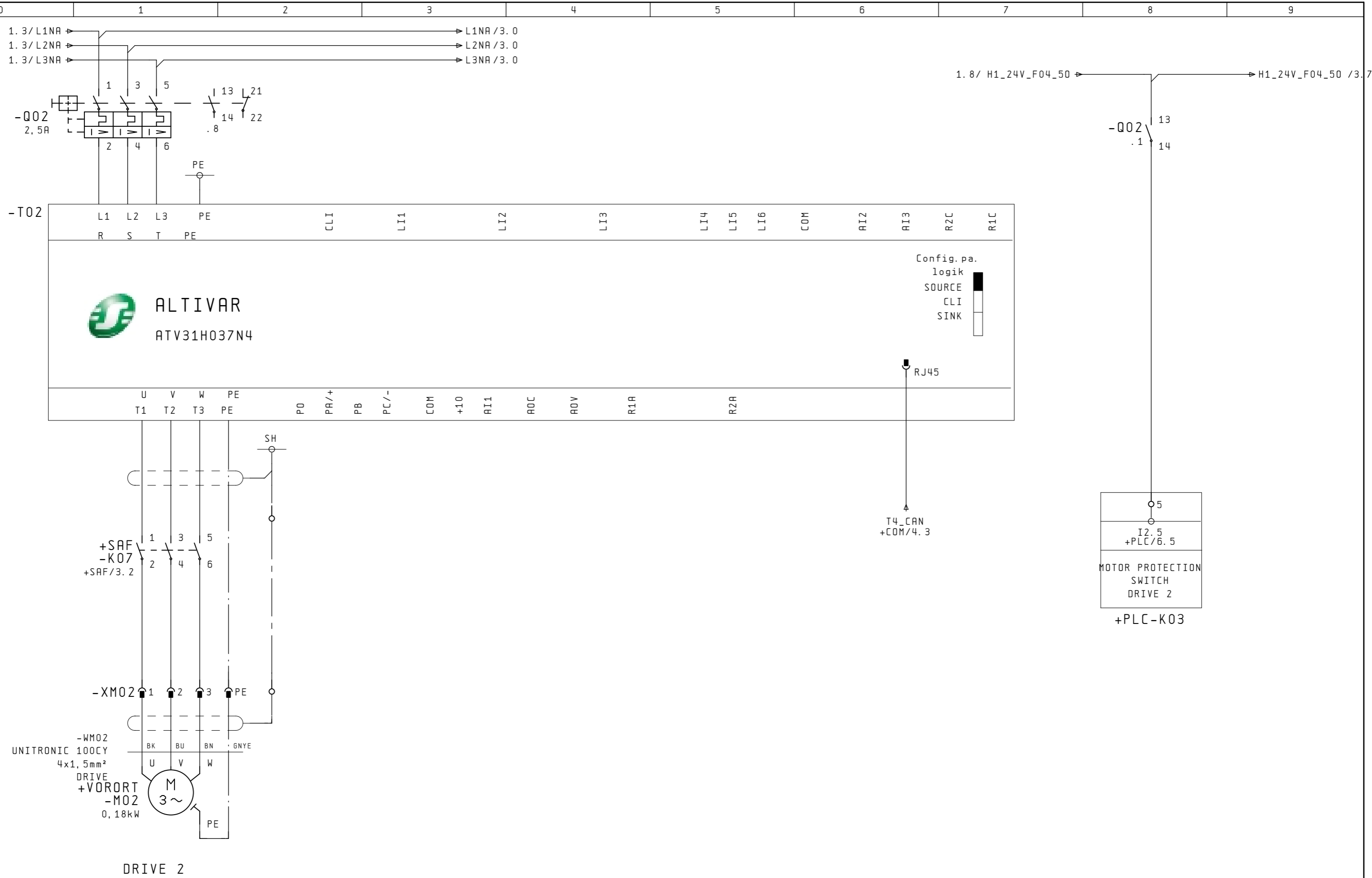


| | | | | | | |
|--------|----------|------|-----------------------------------|-----------------------------|----------------|-------------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED MP&A/AD&S | INPUT MODULE PLANT START | Drawing number | = WIRP1 |
| User. | hoe | | | | 33003614 | + COM |
| Check. | | | | | COM 3 | Pa. 3 |
| Change | Date | Name | Stand. | First. | Created for | Created by. |
| | | | | | | |
| | | | | | | DCO |
| | | | | | | 4 Bl. |



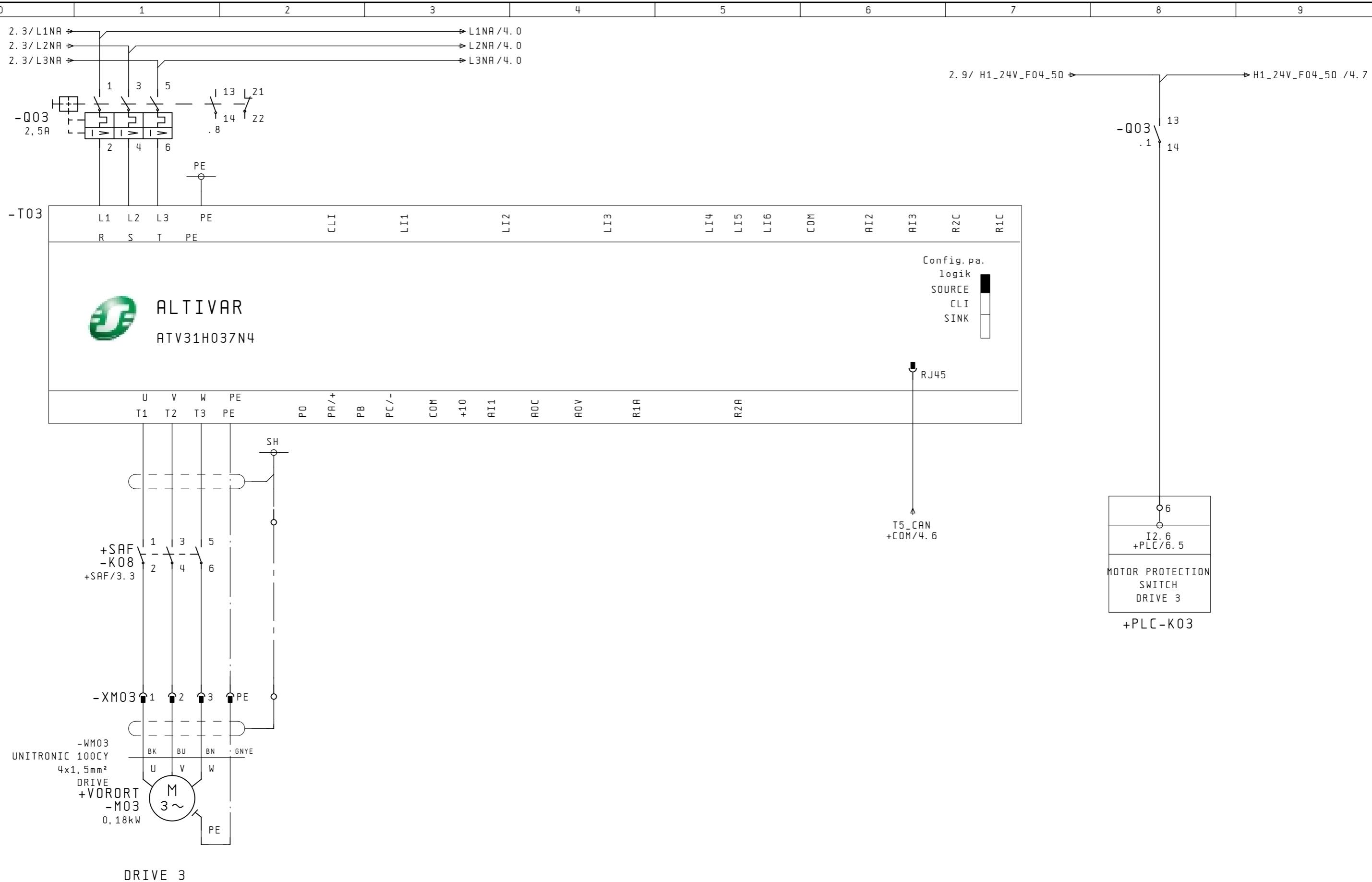
| CONNECTION PLUG ARRANGEMENT (S4+S5) | | |
|-------------------------------------|--------------------|---------------------|
| 1 GND | BLACK | GROUND |
| 2 CAN_L | BLUE | CAN_L BUS LINE |
| 3 SHLD | (BARE CABLESHIELD) | OPTIONAL SHIELD |
| 4 CAN_H | WHITE | CAN_H BUS LINE |
| 5 (V+) | RED | OPTIONAL SUPPLY (1) |

LOCEL CONTROL
H2, H3

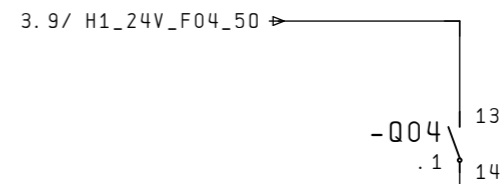
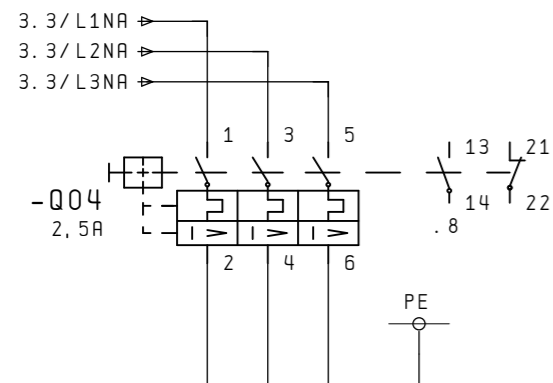


DRIVE 2

| | | | | | | | | | | | | |
|--------|------|----------|--------|--------|-----------------------------------|-----------------------|----------------|--|---------|--|-------|--|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED MP&A/AD&S | SOFT START MOTOR 2 | Drawing number | | = WIRP1 | | | |
| User. | | hoe | | | | | 33003614 | | + MOV | | | |
| Check. | | | | | | | MOV 2 | | DCO | | Pa. 2 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | 4 Bl. | | | |



| | | | | | | | | | | | | |
|--------|------|----------|--------|--------|----------------------|-------------|--------------------|--|----------------|--|---------|-------|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED | | SOFT START MOTOR 3 | | Drawing number | | = WIRP1 | |
| User. | | hoe | | | MP&A/AD&S | | 33003614 | | + MOV | | Pa. 3 | |
| Check. | | | | | Created for | | Created by. | | MOV 3 | | DCO | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | | | | 4 Bl. |



-T04

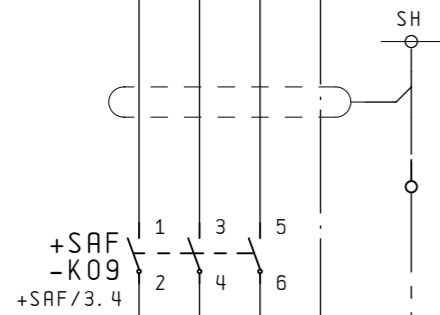
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|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L1 | L2 | L3 | PE | CLI | LI1 | LI2 | LI3 | LI4 | LI5 | LI6 | COM | AI2 | AI3 | R2C | R1C |
| R | S | T | PE | | | | | | | | | | | | |

ALTIVAR
ATV31H037N4

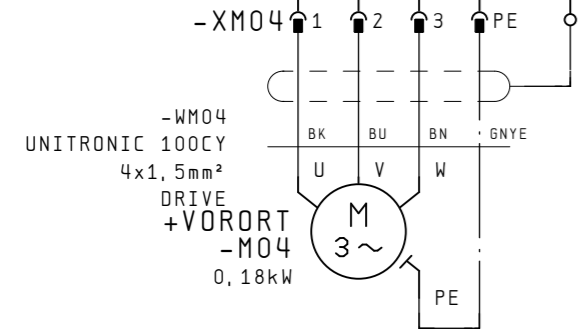
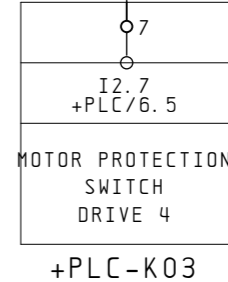
Config. pa.
logik SOURCE CLI SINK

RJ45

| | | | | | | | | | | | | | | |
|----|----|----|----|----|------|----|------|-----|-----|-----|-----|-----|-----|-----|
| U | V | W | PE | PO | PA/+ | PB | PC/- | COM | +10 | AI1 | AO1 | AO2 | R1A | R2A |
| T1 | T2 | T3 | PE | | | | | | | | | | | |

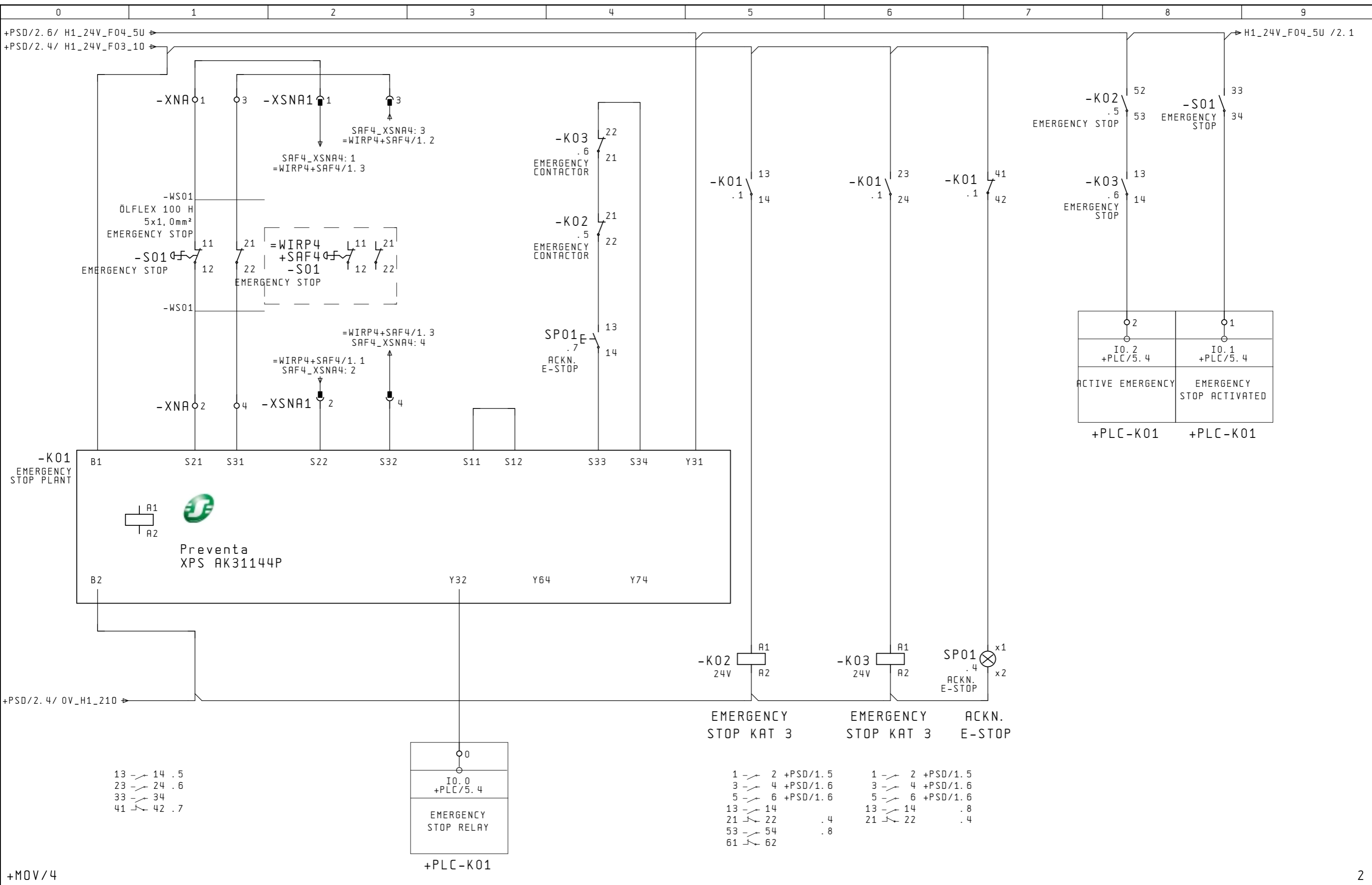


T6_CAN
+COM/4.6

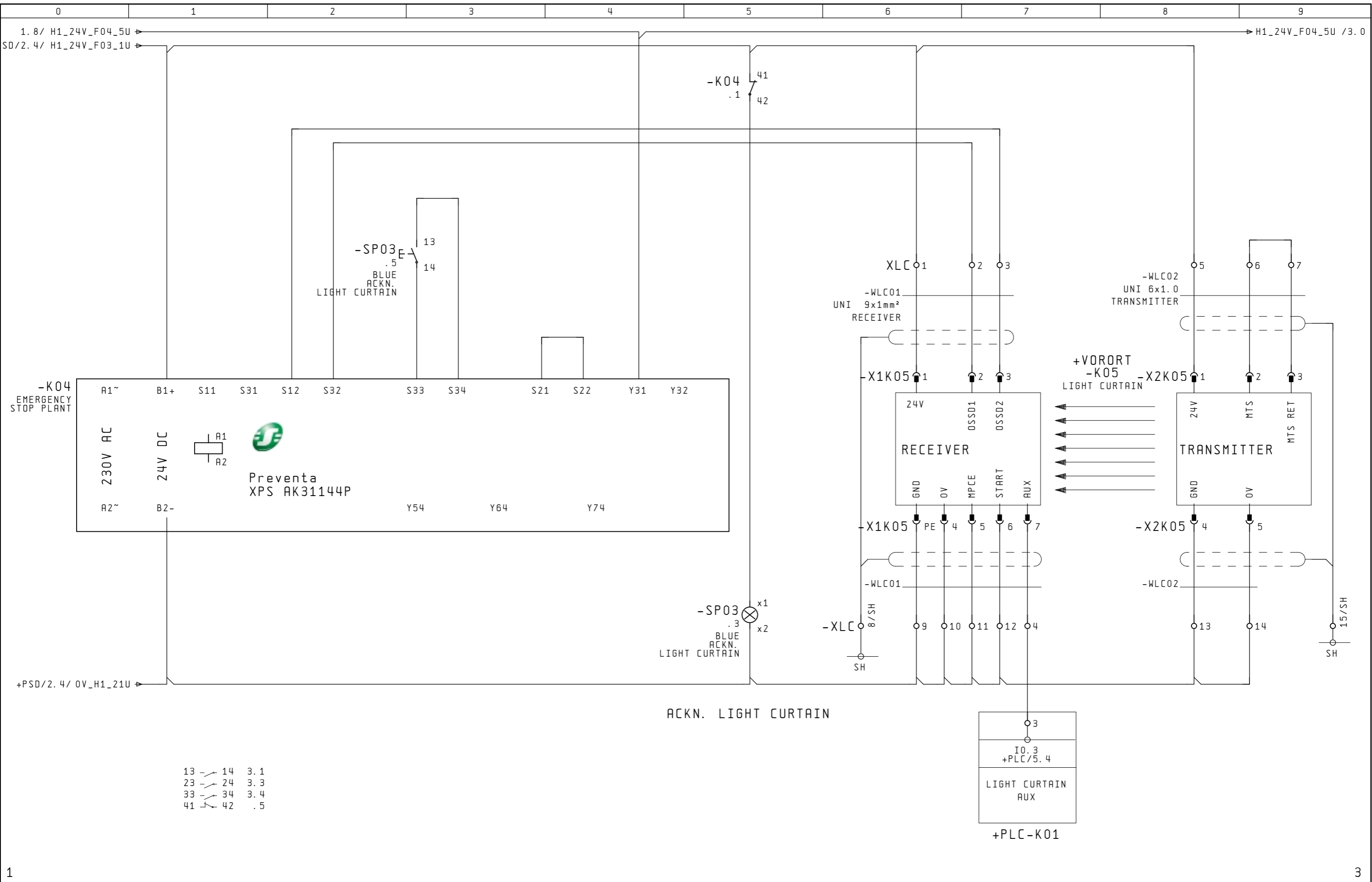


DRIVE 4

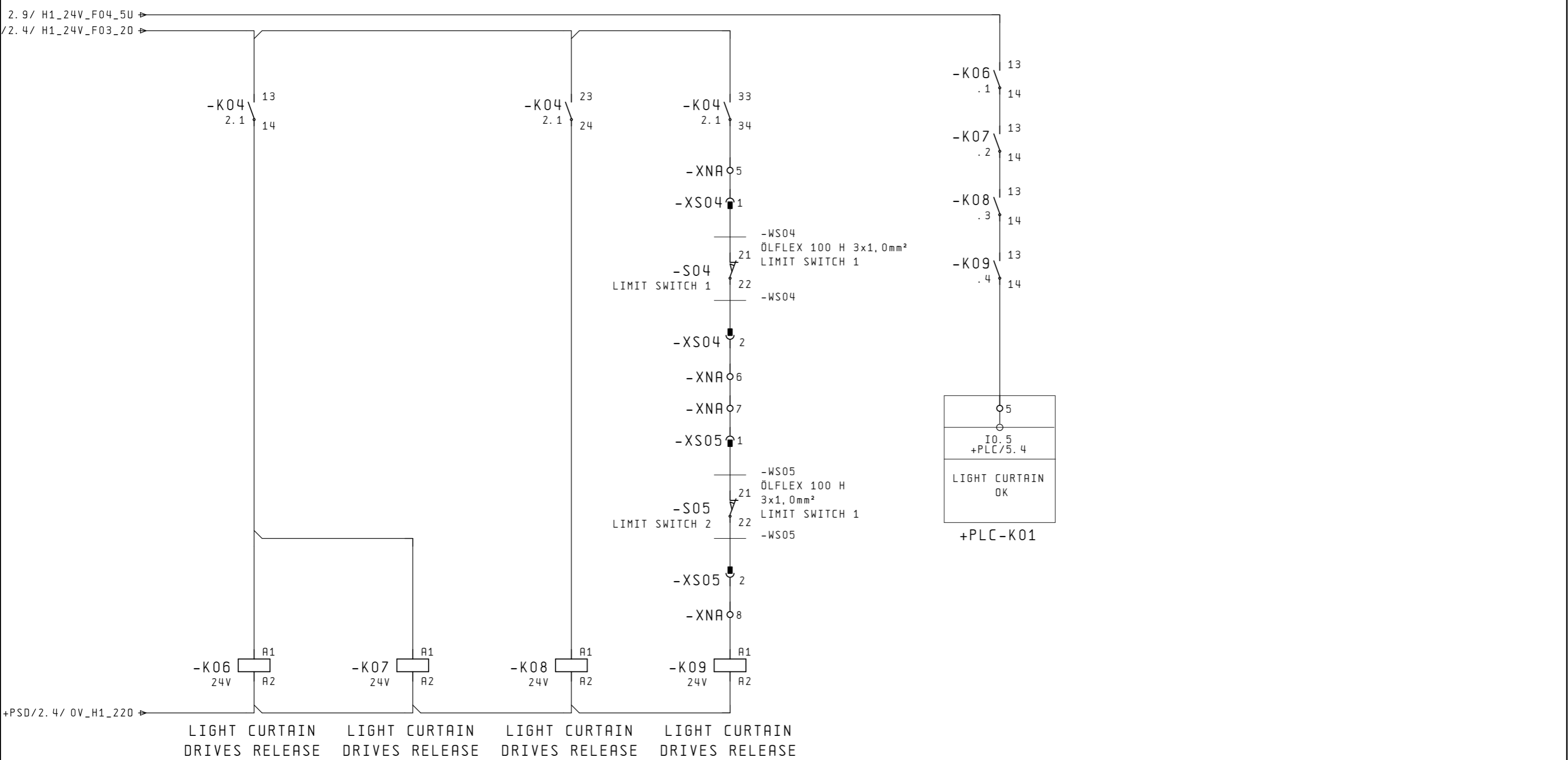
| | | | | | | | | | |
|--------|----------|------|-----------------------------------|-----------------------|----------------|-------------|-----|---|-------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED MP&A/AD&S | SOFT START MOTOR 4 | Drawing number | = WIRP1 | | | |
| User. | hoe | | | | 33003614 | + MOV | | | |
| Check. | | | | | MOV 4 | DCO | | | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | Pa. | 4 | 4 Bl. |



| | | | | | | | | | | | |
|--------|------|------|----------|--|----------------------|----------------------|----------------|-------------|----------|-------|-------|
| +MOV/4 | | Date | 14.02.06 | | DP CANopen OPTIMIZED | EMERGENCY STOP KAT 3 | Drawing number | = WIRP1 | | | |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | 33003614 | + SAF | |
| | | | | | | | | | SAF 1 | DCO | Pa. 1 |
| | | | | | | | | 3 Bl. | | | |



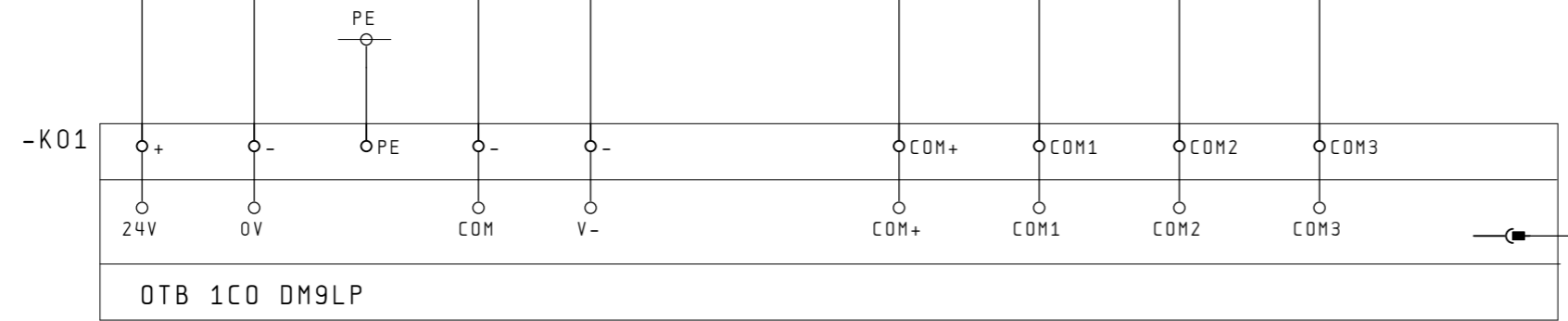
| | | | | | | | | | | | | | |
|--------|--|----------|--|---------------|--|----------------------|--|----------------------|--|----------------|--|---------|--|
| Date | | 14.02.06 | | Merlin Gerin | | DP CANopen OPTIMIZED | | EMERGENCY STOP KAT 3 | | Drawing number | | = WIRP1 | |
| User. | | hoe | | Square D | | MP&A/AD&S | | | | 33003614 | | + SAF | |
| Check. | | | | Telemecanique | | Created for | | Created by. | | SAF 2 | | Pa. 2 | |
| Change | | Date | | Name | | Stand. | | First. | | DCO | | 3 Bl. 2 | |



- | | | | |
|----------------|----------------|----------------|----------------|
| 1 → 2 +MOV/1.1 | 1 → 2 +MOV/2.1 | 1 → 2 +MOV/3.1 | 1 → 2 +MOV/4.1 |
| 3 → 4 +MOV/1.1 | 3 → 4 +MOV/2.1 | 3 → 4 +MOV/3.1 | 3 → 4 +MOV/4.1 |
| 5 → 6 +MOV/1.1 | 5 → 6 +MOV/2.1 | 5 → 6 +MOV/3.1 | 5 → 6 +MOV/4.1 |
| 13 → 14 .6 | 13 → 14 .6 | 13 → 14 .6 | 13 → 14 .6 |
| 21 → 22 | 21 → 22 | 21 → 22 | 21 → 22 |

| | | | | | | | |
|--------|----------|------|----------------------|----------------------|----------------|---------|-------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | EMERGENCY STOP KAT 3 | Drawing number | = WIRP1 | |
| User. | hoe | | MP&A/AD&S | | 33003614 | + SAF | |
| Check. | | | Created for | | SAF 3 | Pa. 3 | |
| Change | Date | Name | Stand. | First. | Created by. | DCO | 3 Bl. |

+PSD2/1. 3/ H2_24V_F01
 +PSD2/1. 5/ H2_24V_F02
 +PSD2/1. 7/ 0V_H2

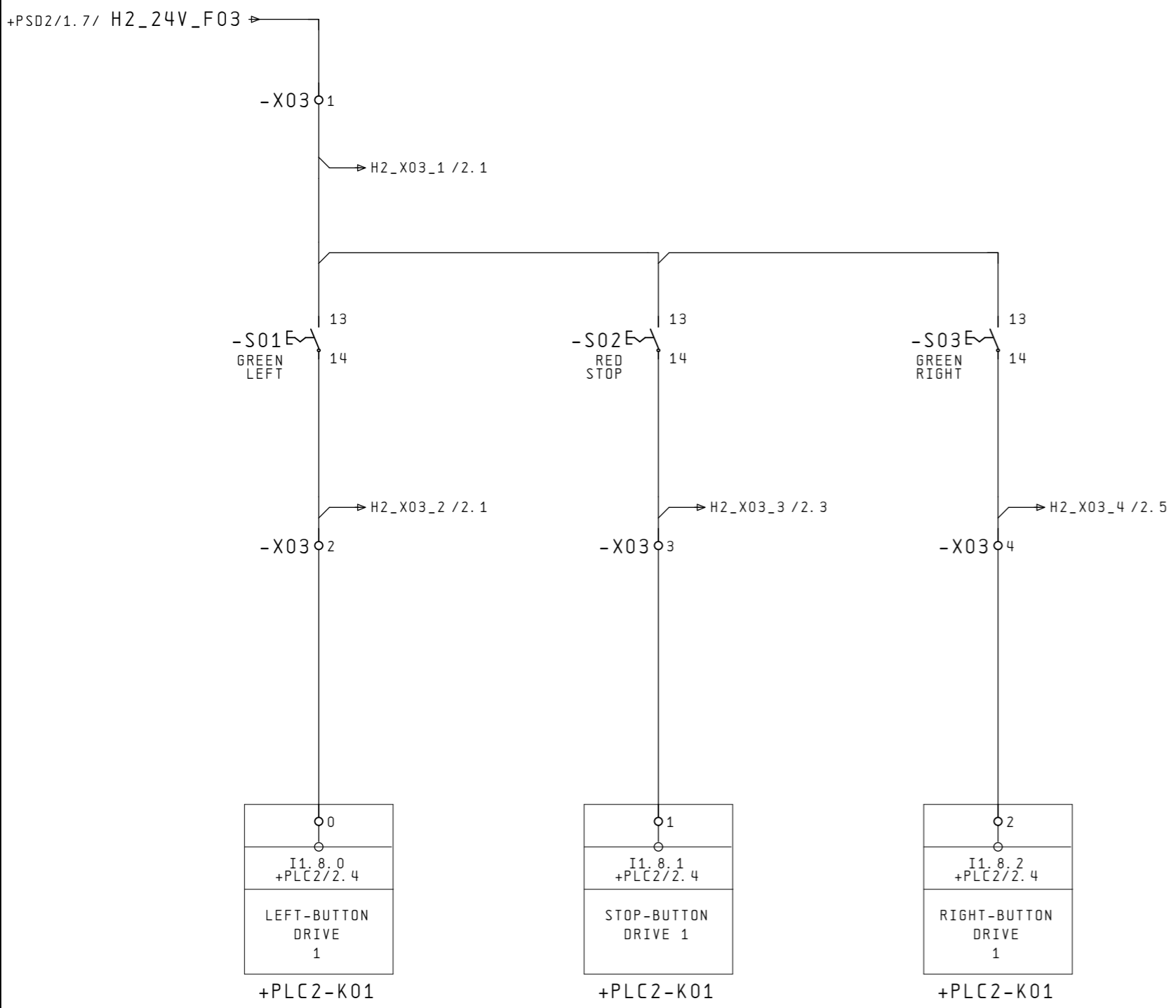


SUPPLY PLC 24V+
 SUPPLY PLC 0V-
 PE
 SUPPLY INPUTS 24V-
 SUPPLY OUTPUTS 24V-
 SUPPLY OUTPUTS 24V+
 SUPPLY OUTPUTS 24V+
 SUPPLY OUTPUTS 24V+
 SUPPLY OUTPUTS 24V+
 9POL. SUB-D
 CANOPEN

XSCAN1 1
 =WIRP1+COM/4. 7/ CAN_1_H2

XSCAN2 1
 =WIRP3+PLC3/1. 7/ CAN_2_H2

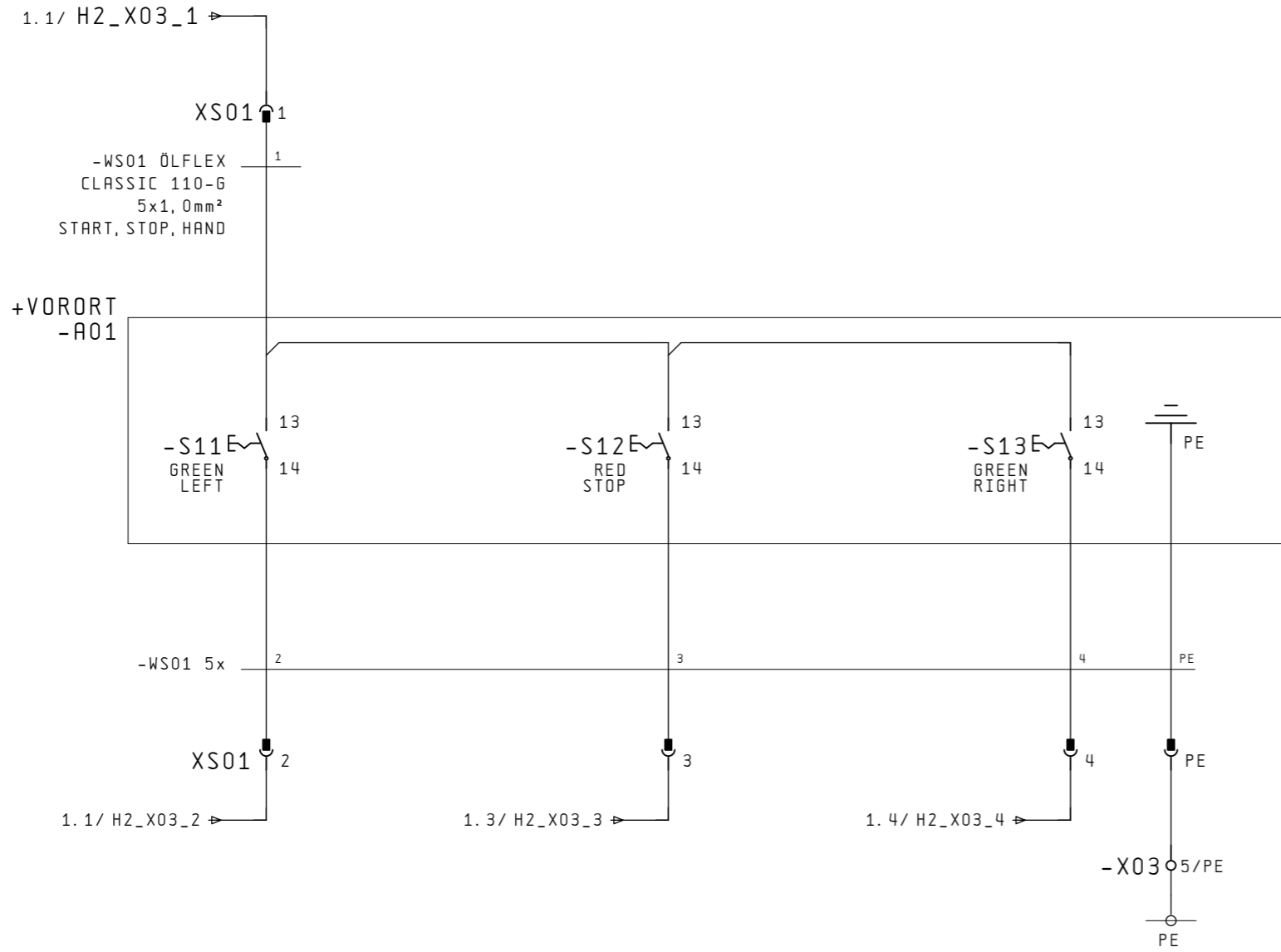
| | | | | | | | | | | | | |
|--------|------|----------|--------|--------|----------------------|-------------|----------------|--|----------------|-----|---------|--|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED | | VOLTAGE SUPPLY | | Drawing number | | = WIRP2 | |
| User. | | hoe | | | MP&A/AD&S | | PLC | | 33003614 | | +PLC2 | |
| Check. | | | | | Created for | | Created by. | | PLC2 1 | | Pa. 1 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | | DCO | 2 Bl. 1 | |



+PLC2/2

2

| | | | | | | |
|--------|----------|------|----------------------|------------|----------------|---------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | CONVEYOR 1 | Drawing number | = WIRP2 |
| User. | hoe | | MP&A/AD&S | | 33003614 | + COM2 |
| Check. | | | Created for | | Created by. | COM2 1 |
| Change | Date | Name | Stand. | First. | Pa. | 1 |
| | | | | | | 2 Bl. |

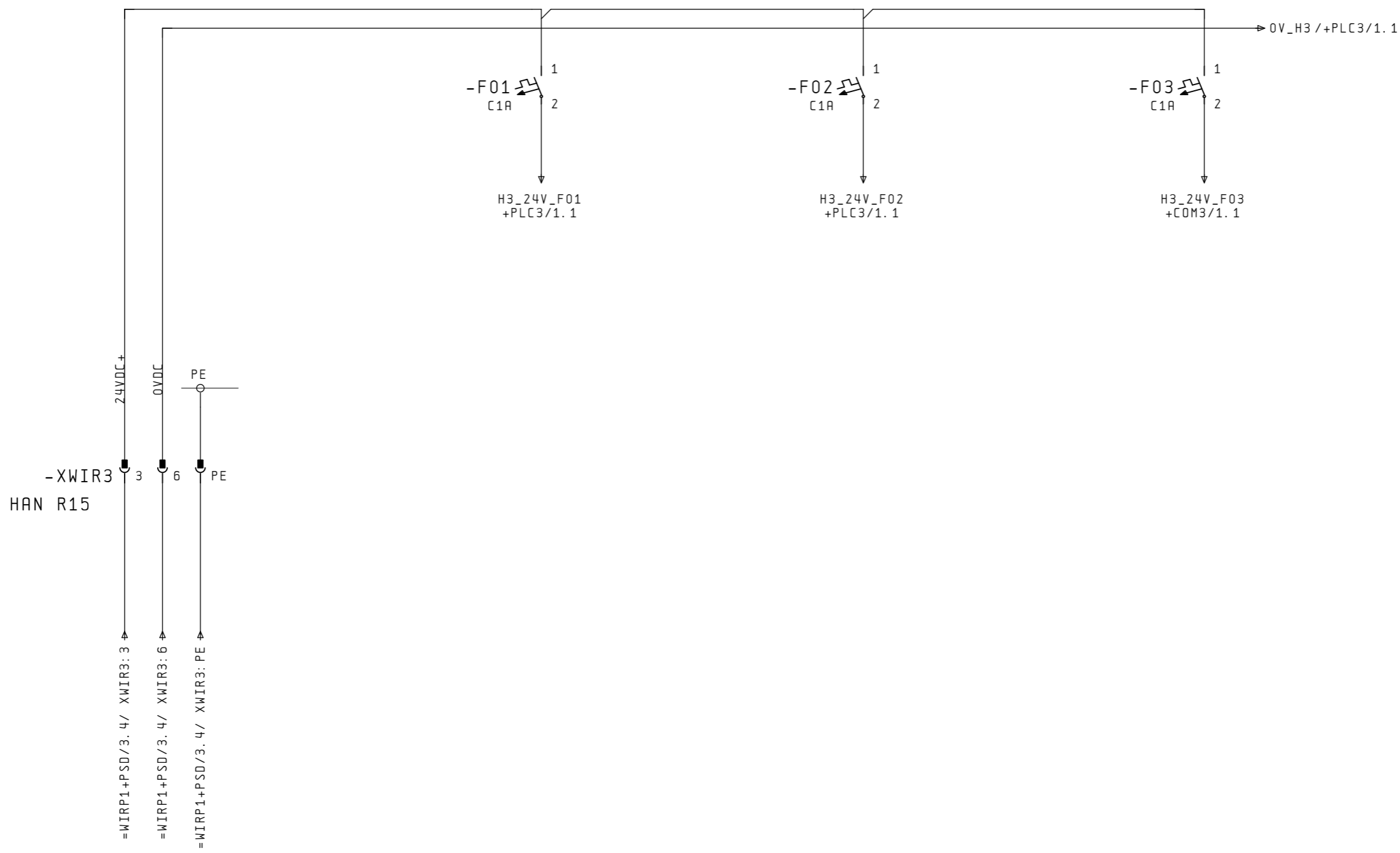


LEFT-BUTTON
DRIVE
1

STOP-BUTTON
DRIVE 1

RIGHT-BUTTON
DRIVE
1

| | | | | | | | | | | |
|--------|------|-------|----------|--|----------------------|----------------------|----------------|-------------|---------|-----|
| | | Date | 14.02.06 | | DP CANopen OPTIMIZED | REMOTE CONTROL PANEL | Drawing number | | = WIRP2 | |
| | | User. | hoe | | MP&A/AD&S | | 33003614 | | + COM2 | |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | COM2 2 | DCO |



SUPPLY ABOUT
CIRCUAR
CONNECTOR

24VDC
OTB

24VDC
DI
PLC

24VDC
REMOTE CONTROL PANEL

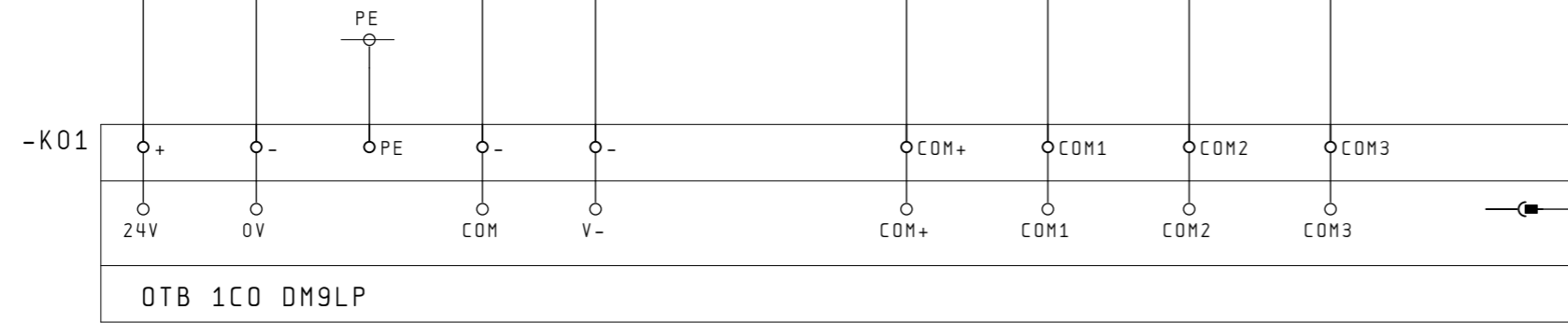
=WIRP2+COM2/2

+PLC3/1

| | | | | | | | | | | |
|--------|------|----------|--------|--------|-----------------------------------|-----------------------|----------------|--|---------|--|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED MP&A/AD&S | VOLTAGE SUPPLY 24V DC | Drawing number | | = WIRP3 | |
| User. | | hoe | | | | | 33003614 | | + PSD3 | |
| Check. | | | | | | | PSD3 1 | | Pa. 1 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | DCO | | 1 Bl. | |

+PSD3/1. 3/ H3_24V_F01
 +PSD3/1. 5/ H3_24V_F02

+PSD3/1. 7/ 0V_H3



SUPPLY PLC 24V+
 SUPPLY PLC 0V-
 PE
 SUPPLY INPUTS 24V-
 SUPPLY OUTPUTS 24V-
 SUPPLY OUTPUTS 24V+
 SUPPLY OUTPUTS 24V+
 SUPPLY OUTPUTS 24V+
 SUPPLY OUTPUTS 24V+
 9POL. SUB-D
 CANOPEN

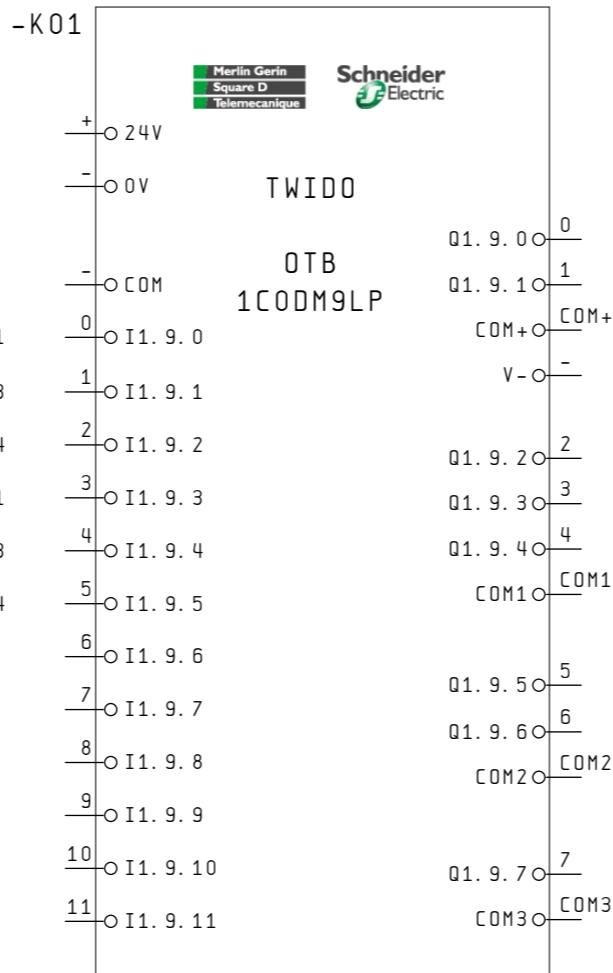
XSCAN1 1
 =WIRP2+PLC2/1. 7/ CAN_2_H2

XSCAN2 1
 =WIRP4+PLC4/1. 6/ CAN_3_H2

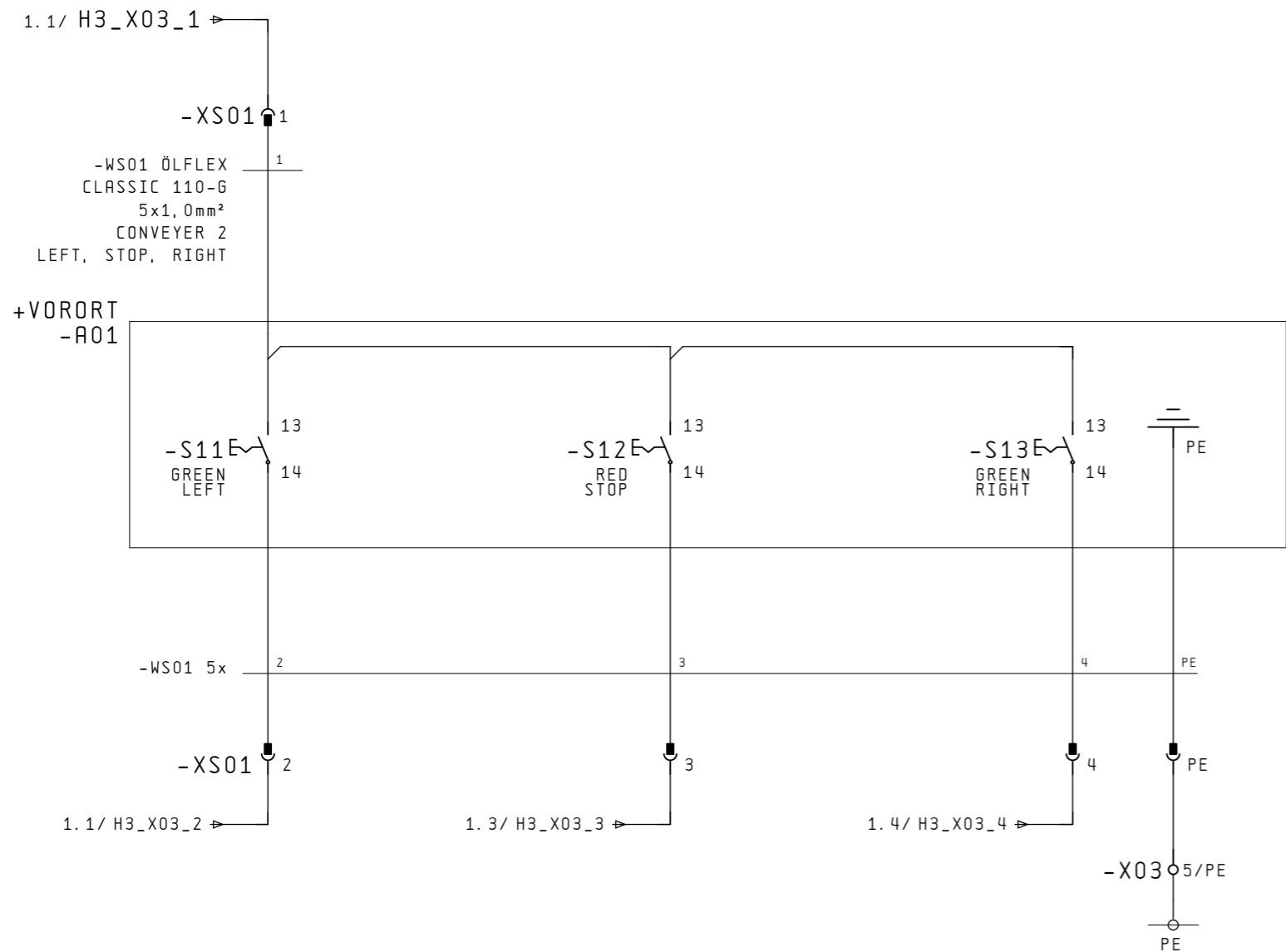
| | | | | | | | |
|--------|------------|------|----------------------|-----------------------|----------------|----------|-------|
| Date | 14. 02. 06 | | DP CANopen OPTIMIZED | VOLTAGE SUPPLY PLC | Drawing number | = WIRP3 | |
| User. | hoe | | MP&A/AD&S | | +PLC3 | | |
| Check. | | | Created for | | Created by. | 33003614 | Pa. 1 |
| Change | Date | Name | Stand. | First. | PLC3 1 | DCO | 2 Bl. |

LEFT-BUTTON DRIVE 1
 STOP-BUTTON DRIVE 1
 RIGHT-BUTTON DRIVE 1
 LEFT-BUTTON DRIVE 2
 STOP-BUTTON DRIVE 2
 RIGHT-BUTTON DRIVE 2

+COM3/1.1
 +COM3/1.3
 +COM3/1.4
 +COM3/3.1
 +COM3/3.3
 +COM3/3.4



| | | | | | | | | | |
|--------|------|-------|----------|--|----------------------|-------------------------|----------------|-------------|--------|
| | | Date | 14.02.06 | | DP CANopen OPTIMIZED | TWIDO PLC IN/ OUTPUT | Drawing number | = WIRP3 | |
| | | User. | hoe | | MP&A/AD&S | | 33003614 | +PLC3 | |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | PLC3 2 |
| | | | | | | | | | 2 Bl. |

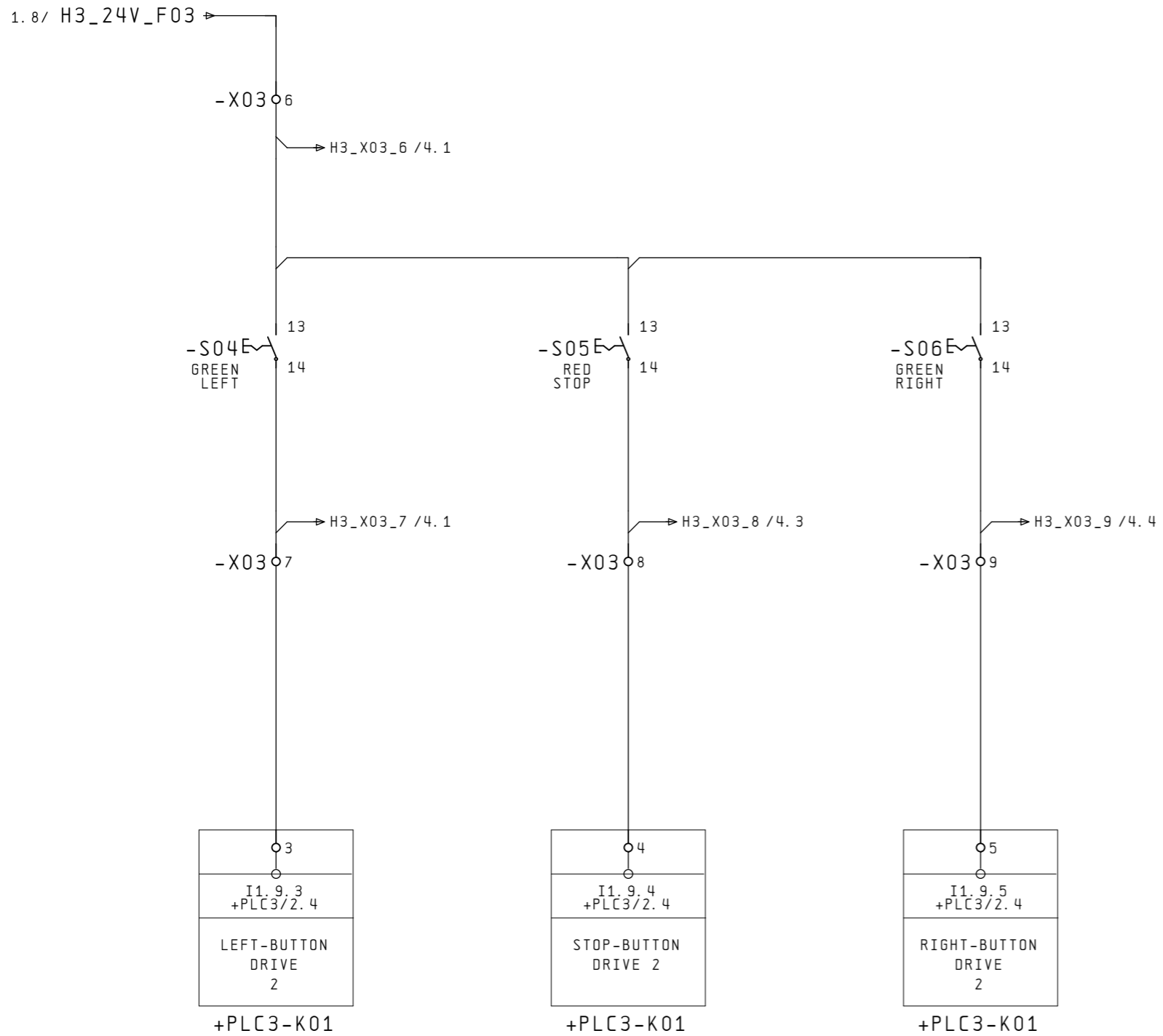


LEFT-BUTTON
DRIVE
1

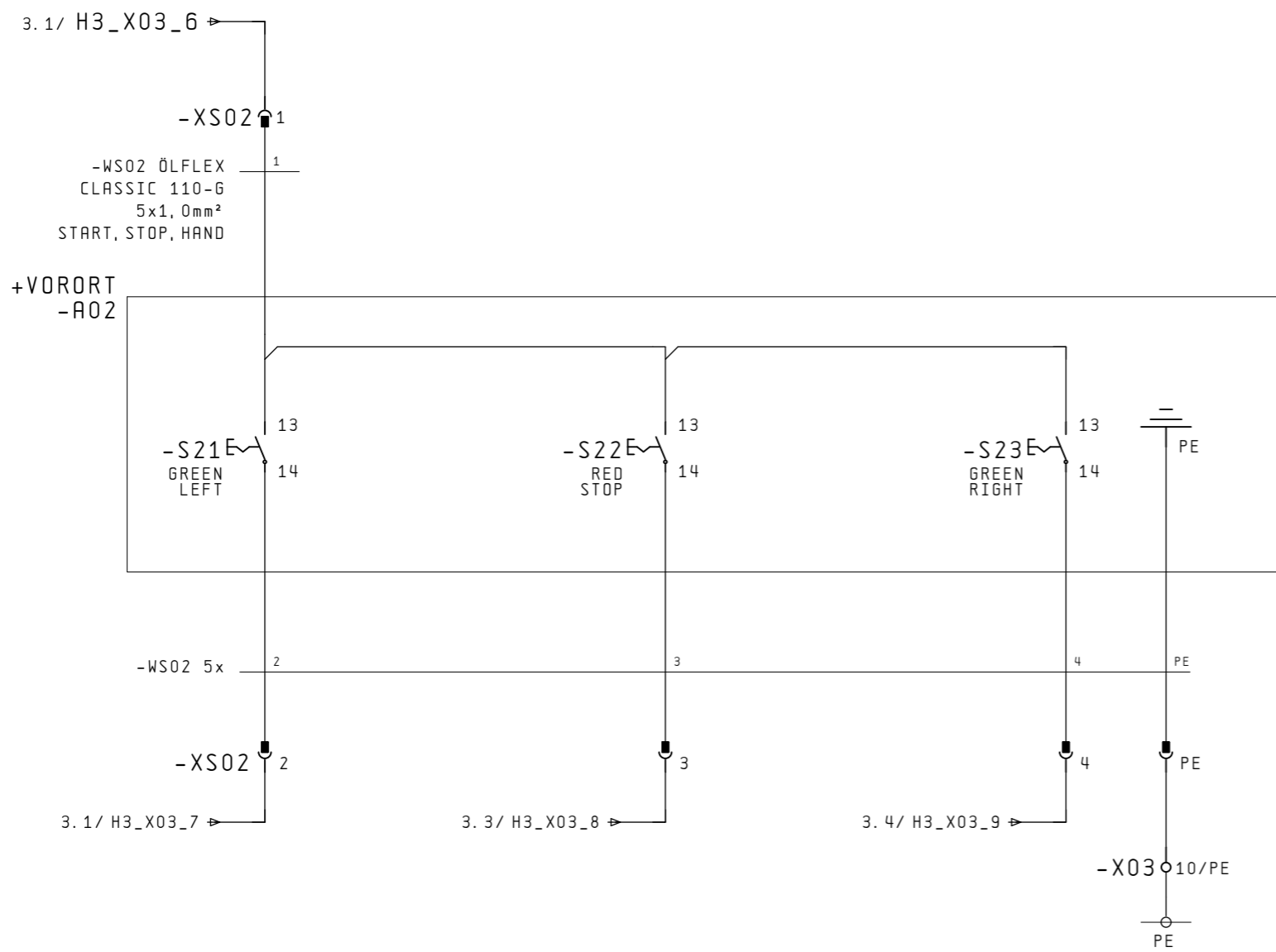
STOP-BUTTON
DRIVE 1

RIGHT-BUTTON
DRIVE
1

| | | | | | | | | | | |
|--------|------|--------|----------|--------|-----------------------------------|----------------------|----------------|--|---------|---|
| | | Date | 14.02.06 | | DP CANopen OPTIMIZED MP&A/AD&S | REMOTE CONTROL PANEL | Drawing number | | = WIRP3 | |
| | | User. | hoe | | | | 33003614 | | + COM3 | |
| | | Check. | | | | | COM3 2 | | Pa. | 2 |
| Change | Date | Name | Stand. | First. | Created for | Created by. | DCO | | 4 Bl. | |



| | | | | | | |
|--------|----------|------|----------------------|------------|----------------|---------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | CONVEYOR 2 | Drawing number | = WIRP3 |
| User. | hoe | | MP&A/AD&S | | 33003614 | + COM3 |
| Check. | | | Created for | | Created by. | COM3 3 |
| Change | Date | Name | Stand. | First. | Pa. | 3 |
| | | | | | | 4 Bl. |

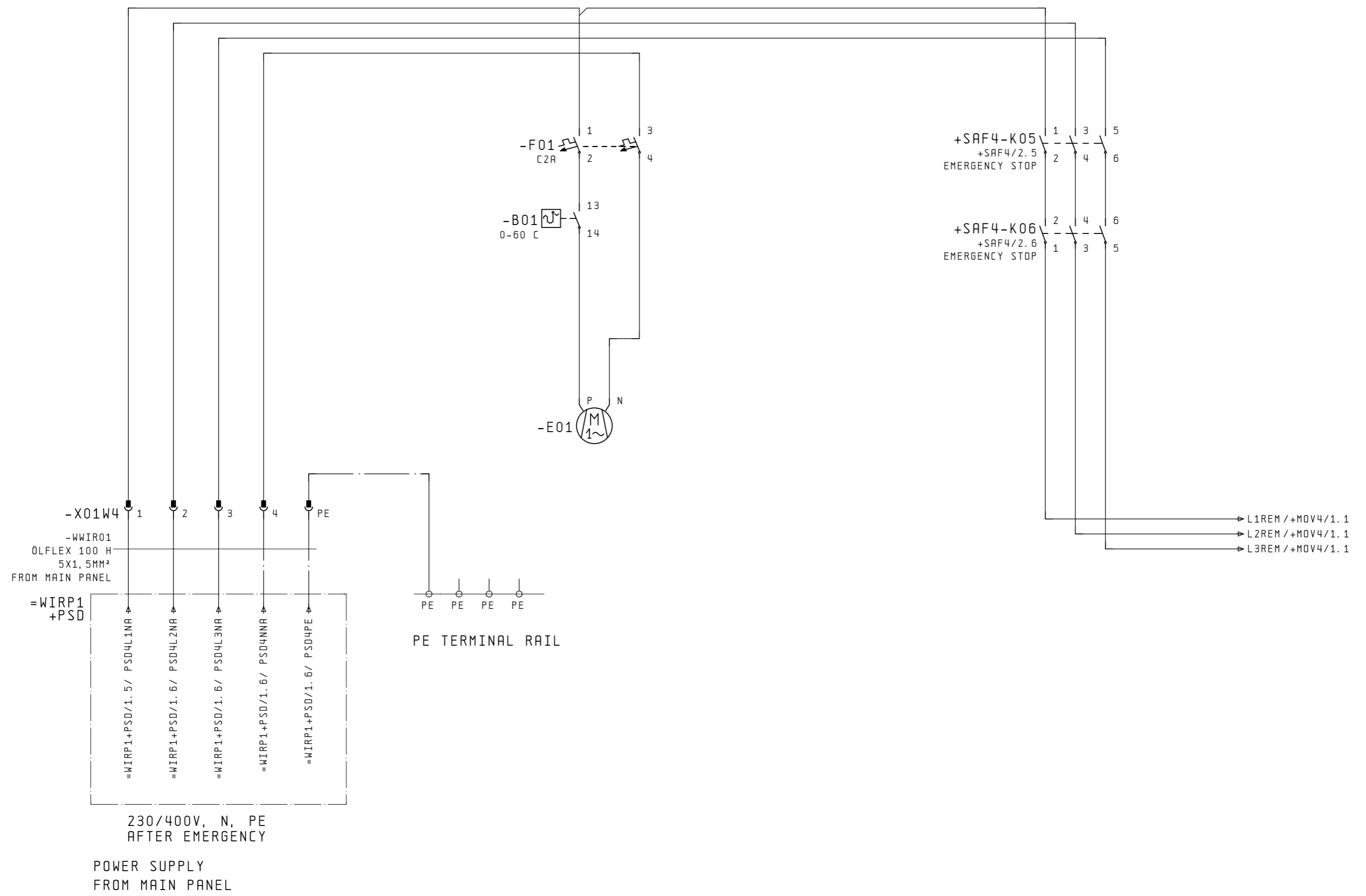


LEFT-BUTTON
DRIVE 2

STOP-BUTTON
DRIVE 2

RIGHT-BUTTON
DRIVE 2

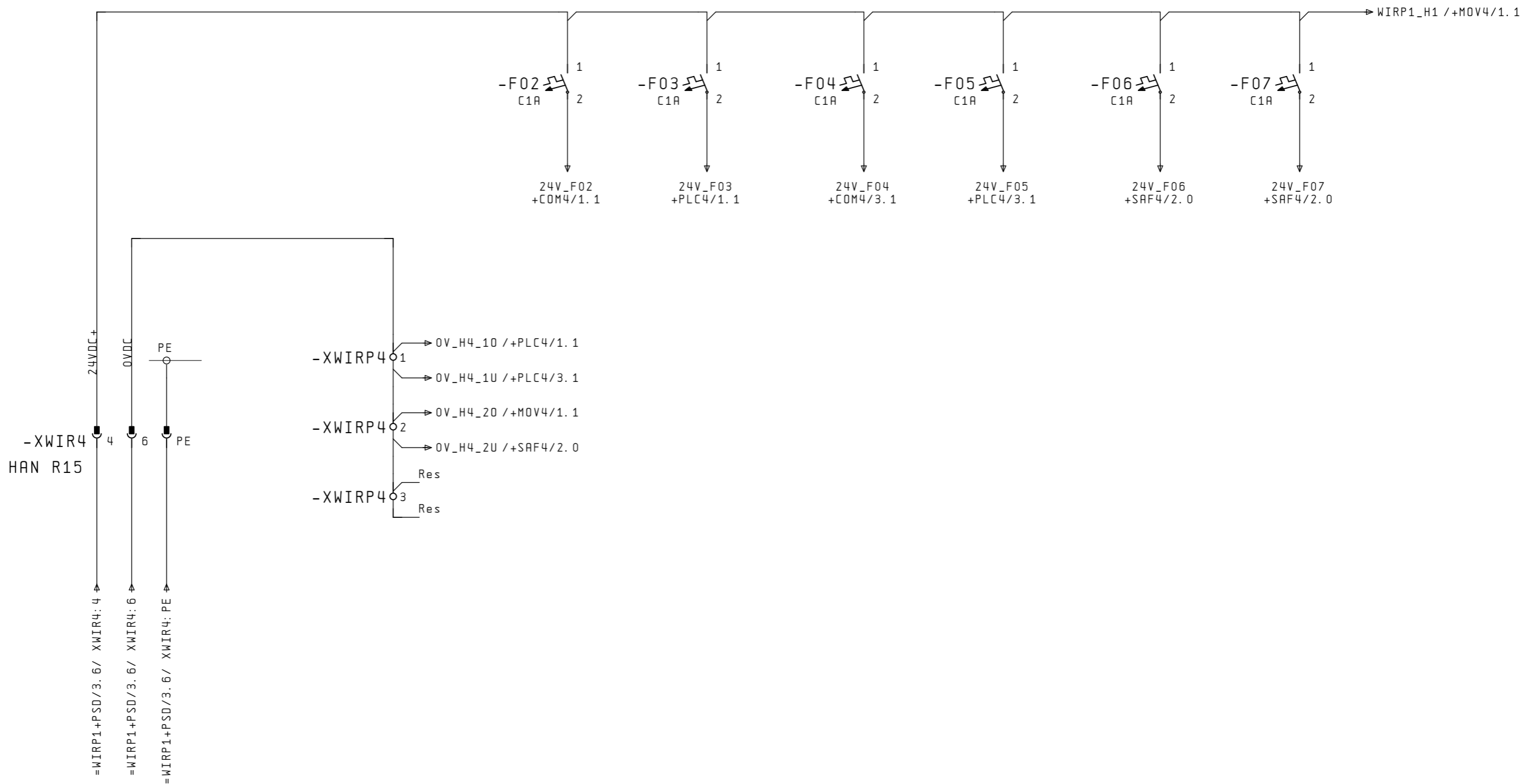
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|--------|------|----------|--------|--------|----------------------|-------------|----------------------|--|----------------|--|---------|--|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED | | REMOTE CONTROL PANEL | | Drawing number | | = WIRP3 | |
| User. | | hoe | | | MP&A/AD&S | | | | 33003614 | | + COM3 | |
| Check. | | | | | Created for | | Created by. | | COM3 4 | | Pa. 4 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | DCO | | 4 Bl. | |



=WIRP3+COM3/4

2

| | | | | | | | | | | | | |
|--------|------|----------|--------|--------|----------------------|--|---------------------------|--|----------------|--|--------------|--|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED | | POWER SUPPLY REMOTE PANEL | | Drawing number | | =WIRP4 +PSD4 | |
| User. | | hoe | | | MP&A/AD&S | | | | 33003614 | | Pa. 1 | |
| Check. | | | | | Created by. | | | | PSD4 1 | | DCO 2 Bl. | |
| Change | Date | Name | Stand. | First. | Created for | | | | | | | |



SUPPLY ABOUT
CIRCUAR
CONNECTOR

24VDC
OTB

24VDC
DI PLC

24VDC REMOTE
CONTROL PANEL

24VDC
OTB

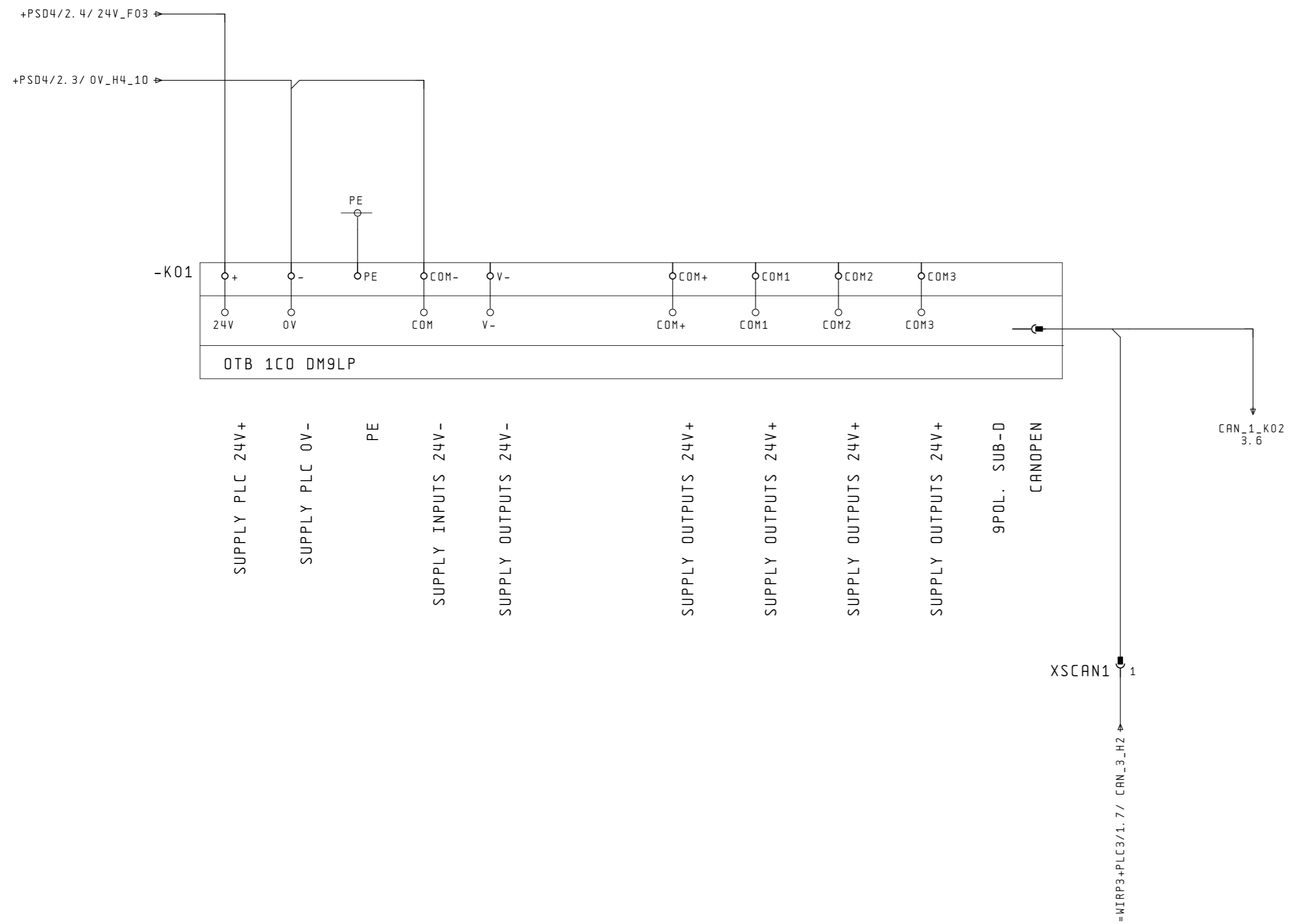
24VDC
DI PLC

24VDC REMOTE
CONTROL PANEL

+PLC4/1

1

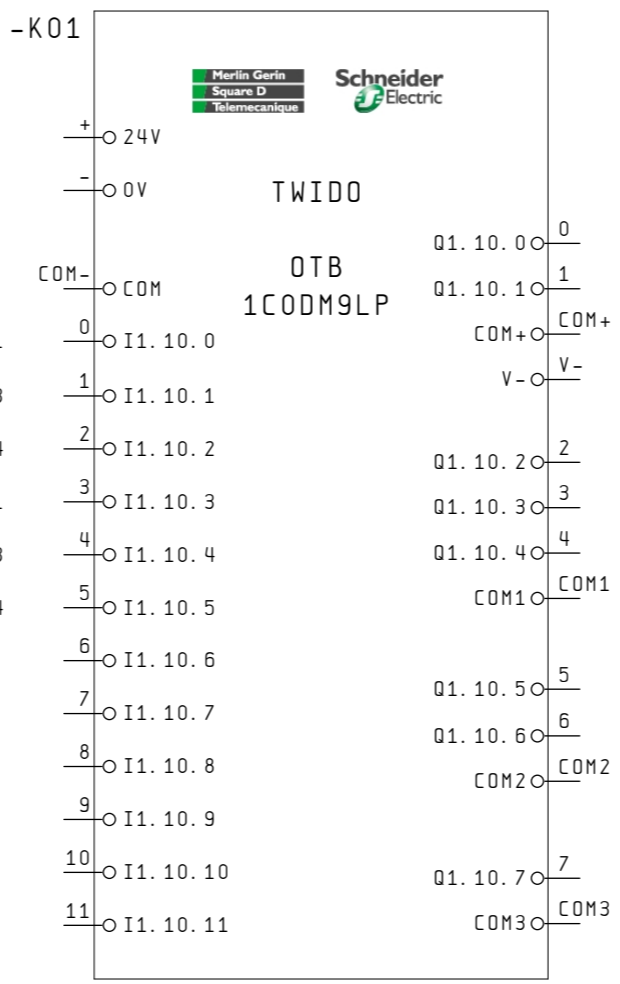
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| Date | | 14.02.06 | | | DP CANopen OPTIMIZED | | VOLTAGE SUPPLY 24V DC | | Drawing number | | = WIRP4 | |
| User. | | hoe | | | MP&A/AD&S | | | | 33003614 | | +PSD4 | |
| Check. | | | | | Created for | | Created by. | | PSD4 2 | | Pa. 2 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | | DCO | | 2 Bl. |



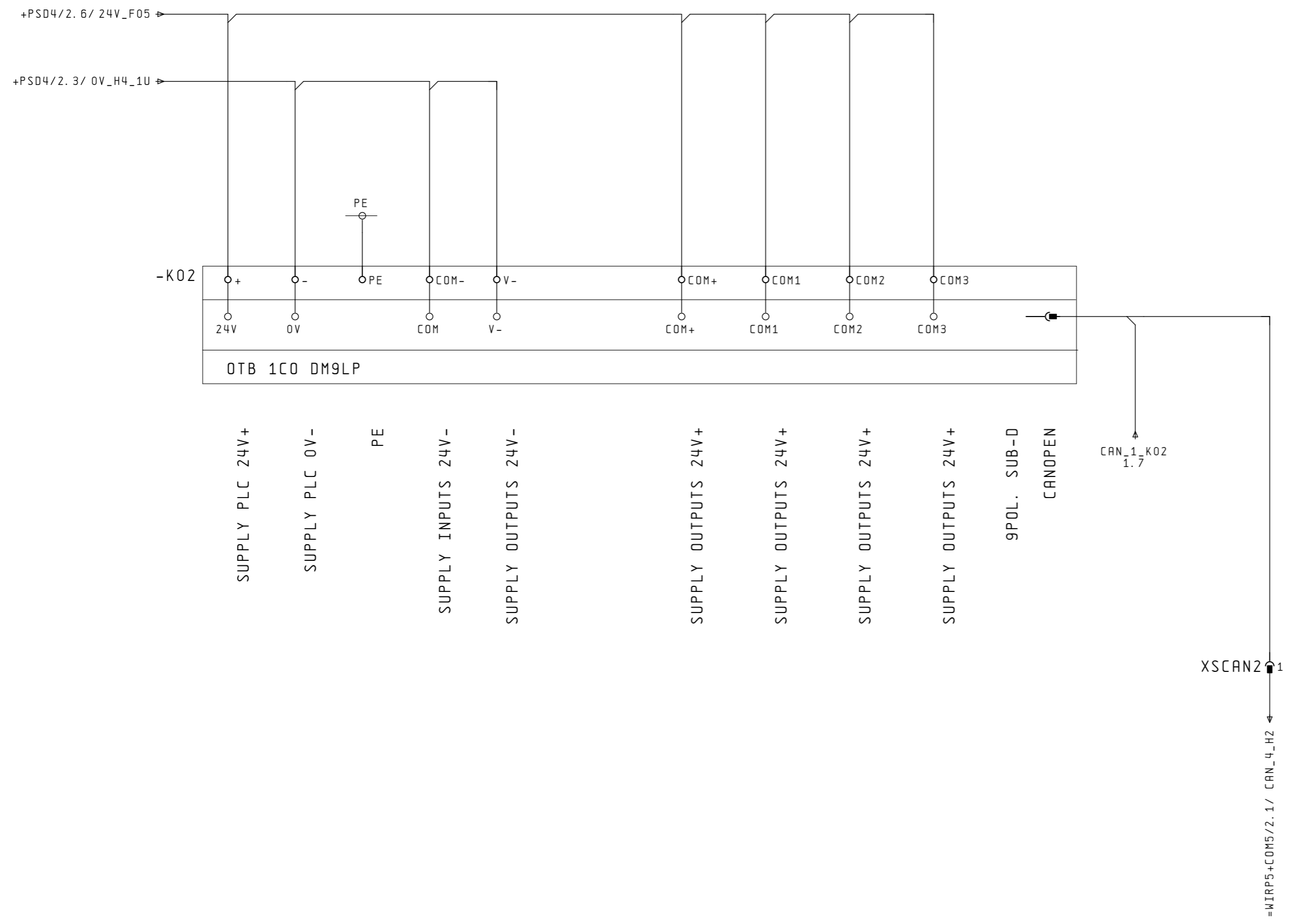
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|--------|------|----------|--------|--------|----------------------|-------------|----------------|--|----------------|--|---------|--|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED | | VOLTAGE SUPPLY | | Drawing number | | = WIRP4 | |
| User. | | hoe | | | MP&A/AD&S | | PLC | | 33003614 | | +PLC4 | |
| Check. | | | | | Created for | | Created by. | | PLC4 1 | | Pa. 1 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | DCO | | 4 Bl. 1 | |

LEFT-BUTTON DRIVE 1
 STOP-BUTTON DRIVE 1
 RIGHT-BUTTON DRIVE 1
 LEFT-BUTTON DRIVE 2
 STOP-BUTTON DRIVE 2
 RIGHT-BUTTON DRIVE 2

+COM4/1.1
 +COM4/1.3
 +COM4/1.4
 +COM4/3.1
 +COM4/3.3
 +COM4/3.4



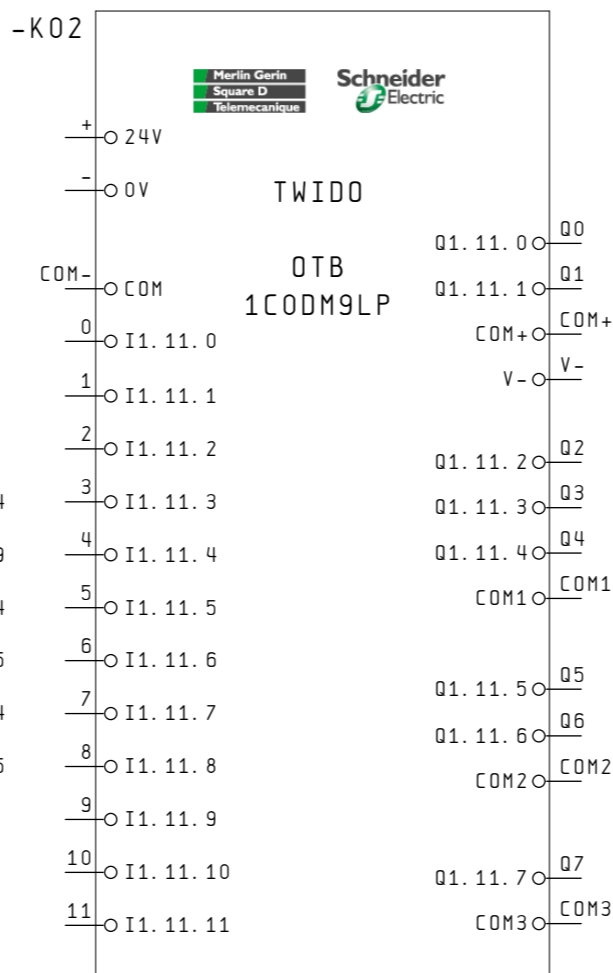
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|--------|------|-------|----------|--|----------------------|-------------------------|----------------|-------------|--------|-----|
| | | Date | 14.02.06 | | DP CANopen OPTIMIZED | TWIDO PLC IN/ OUTPUT | Drawing number | = WIRP4 | | |
| | | User. | hoe | | MP&A/AD&S | | 33003614 | + PLC4 | | |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | PLC4 2 | DCO |
| | | | | | | | | 4 Bl. | | |



| | | | | | | | | | |
|--------|------|-------|----------|--|----------------------|-----------------------|----------------|-------------------|--------|
| | | Date | 14.02.06 | | DP CANopen OPTIMIZED | VOLTAGE SUPPLY PLC | Drawing number | = WIRP4 + PLC4 | |
| | | User. | hoe | | MP&A/AD&S | | 33003614 | Pa. | 3 |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | PLC4 3 |

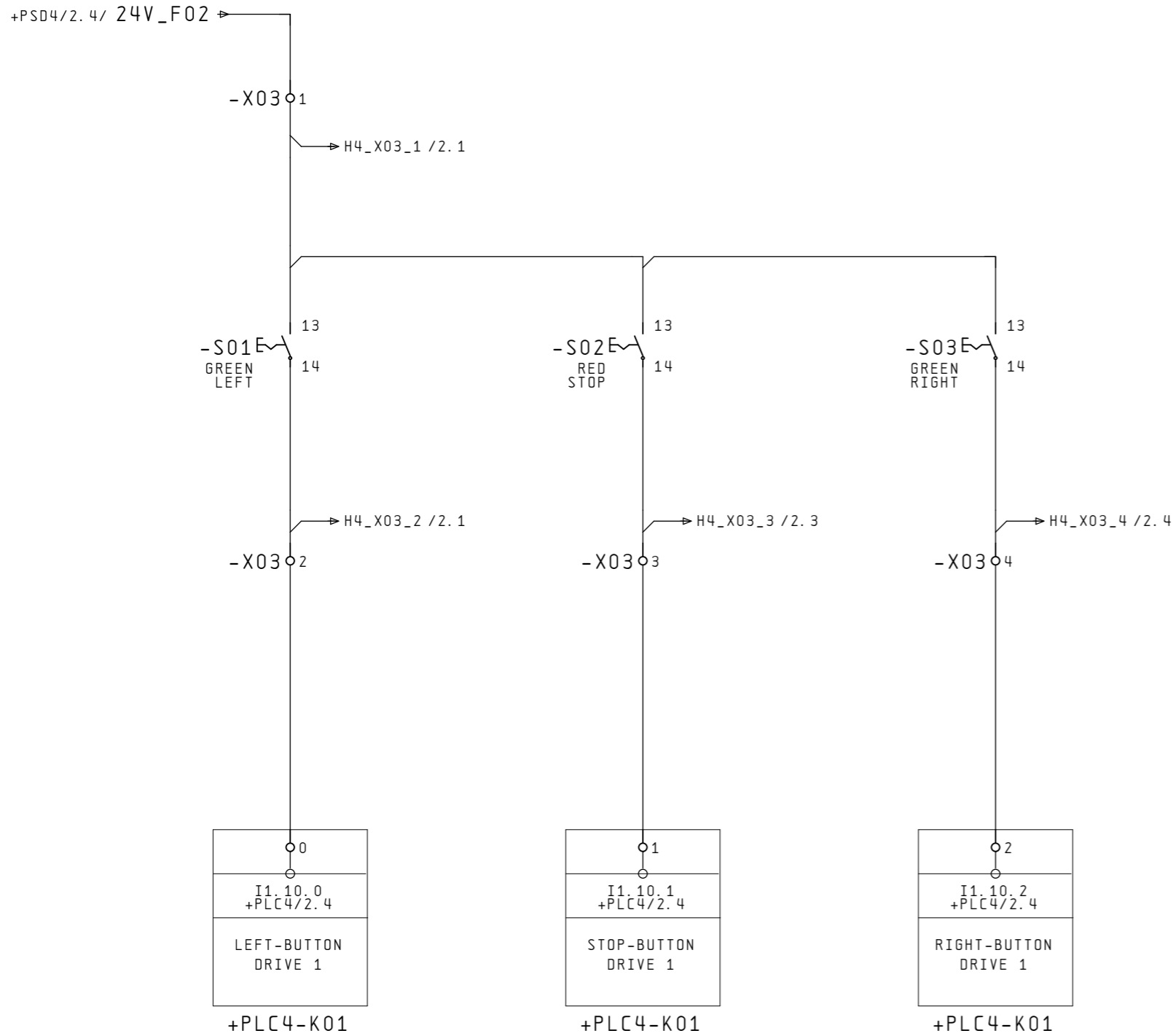
PROTECTION DOOR OPEN
 PROTECTION DOOR OPEN
 CONVEYER 1 LEFT-ROTATION
 CONVEYER 1 RIGHT-ROTATION
 CONVEYER 2 LEFT-ROTATION
 CONVEYER 2 RIGHT-ROTATION

+SAF4/2.4
 +SAF4/2.9
 +MOV4/1.4
 +MOV4/1.5
 +MOV4/2.4
 +MOV4/2.5

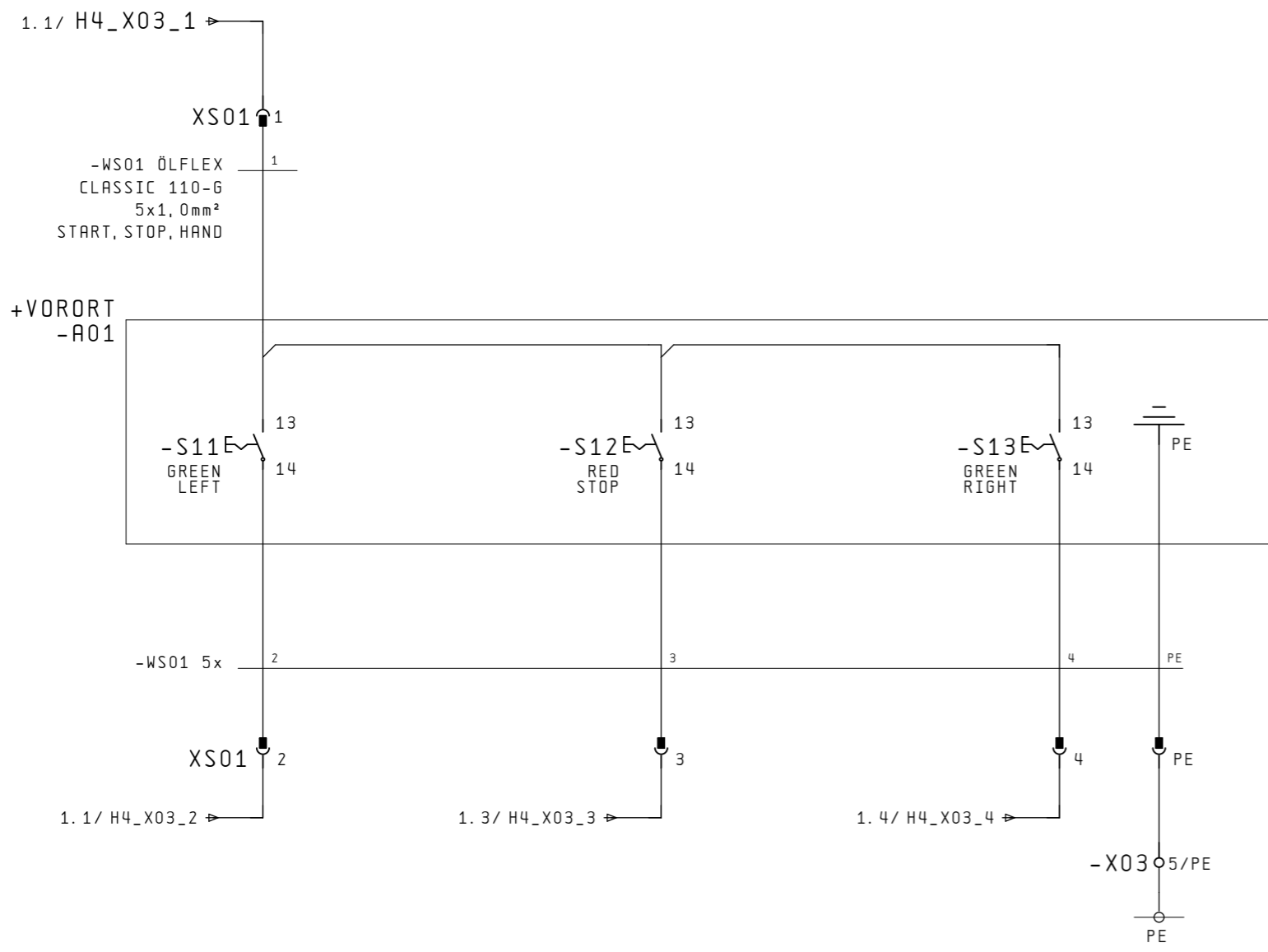


+MOV4/1.3 CONVEYER 1 LEFT-ROTATION
 +MOV4/1.4 CONVEYER 1 RIGHT-ROTATION
 +MOV4/2.3 CONVEYER 2 LEFT-ROTATION
 +MOV4/2.4 CONVEYER 2 RIGHT-ROTATION

| | | | | | | | | | | |
|--------|------|-------|----------|--|----------------------|-------------------------|----------------|-------------|---------|-----|
| | | Date | 14.02.06 | | DP CANopen OPTIMIZED | TWIDO PLC IN/ OUTPUT | Drawing number | | = WIRP4 | |
| | | User. | hoe | | MP&A/AD&S | | 33003614 | | +PLC4 | |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | PLC4 4 | DCO |



| | | | | | | | | | | | |
|--------|------|-------|----------|--|----------------------|------------------------------------|----------------|-------------|---------|-----|-------|
| | | Date | 14.02.06 | | DP CANopen OPTIMIZED | REMOTE CONTROL PANEL CONVEYOR 1 | Drawing number | | = WIRP4 | | |
| | | User. | hoe | | MP&A/AD&S | | 33003614 | + COM4 | | Pa. | 1 |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | COM4 1 | DCO | 4 Bl. |

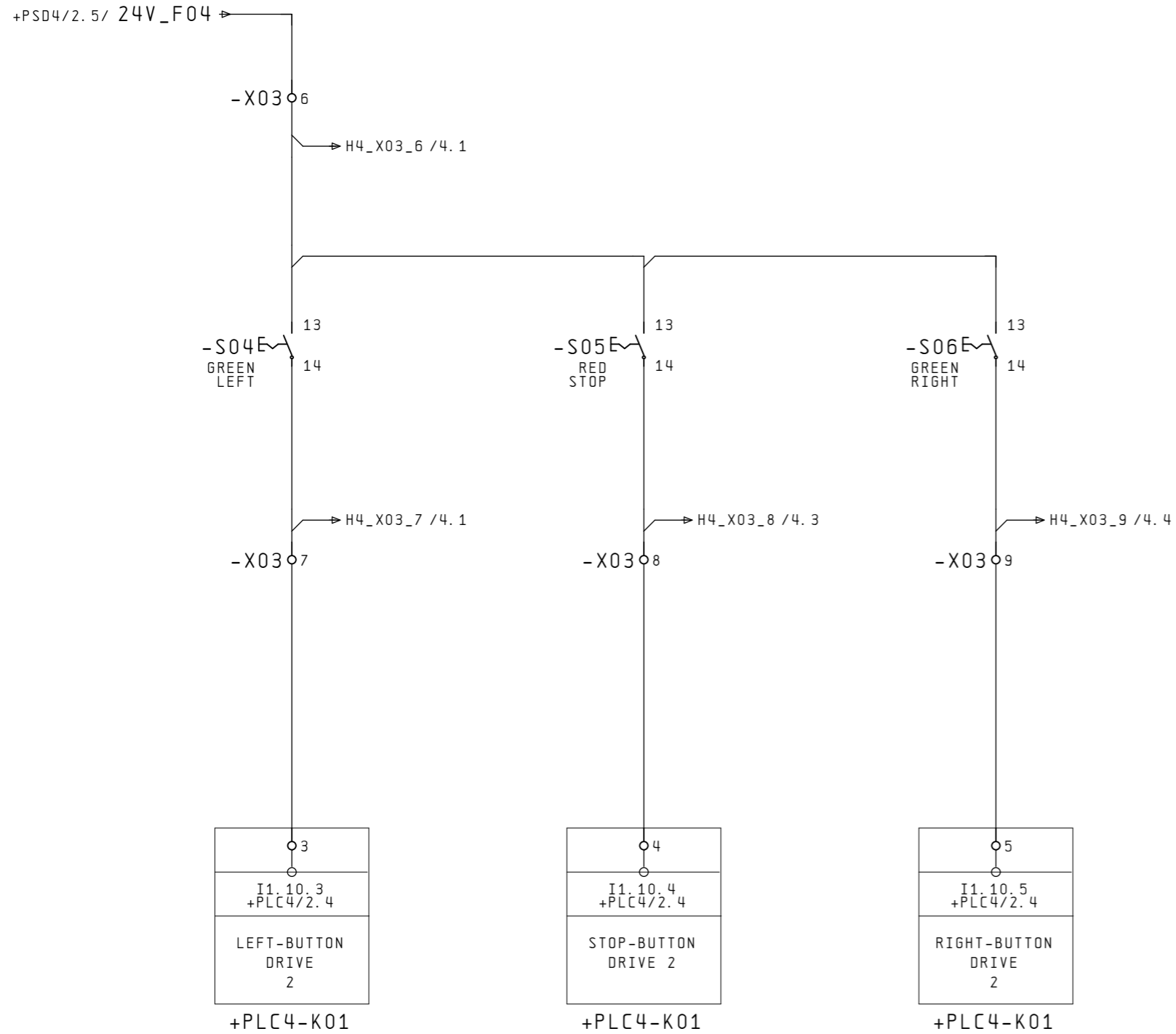


LEFT-BUTTON
DRIVE 1

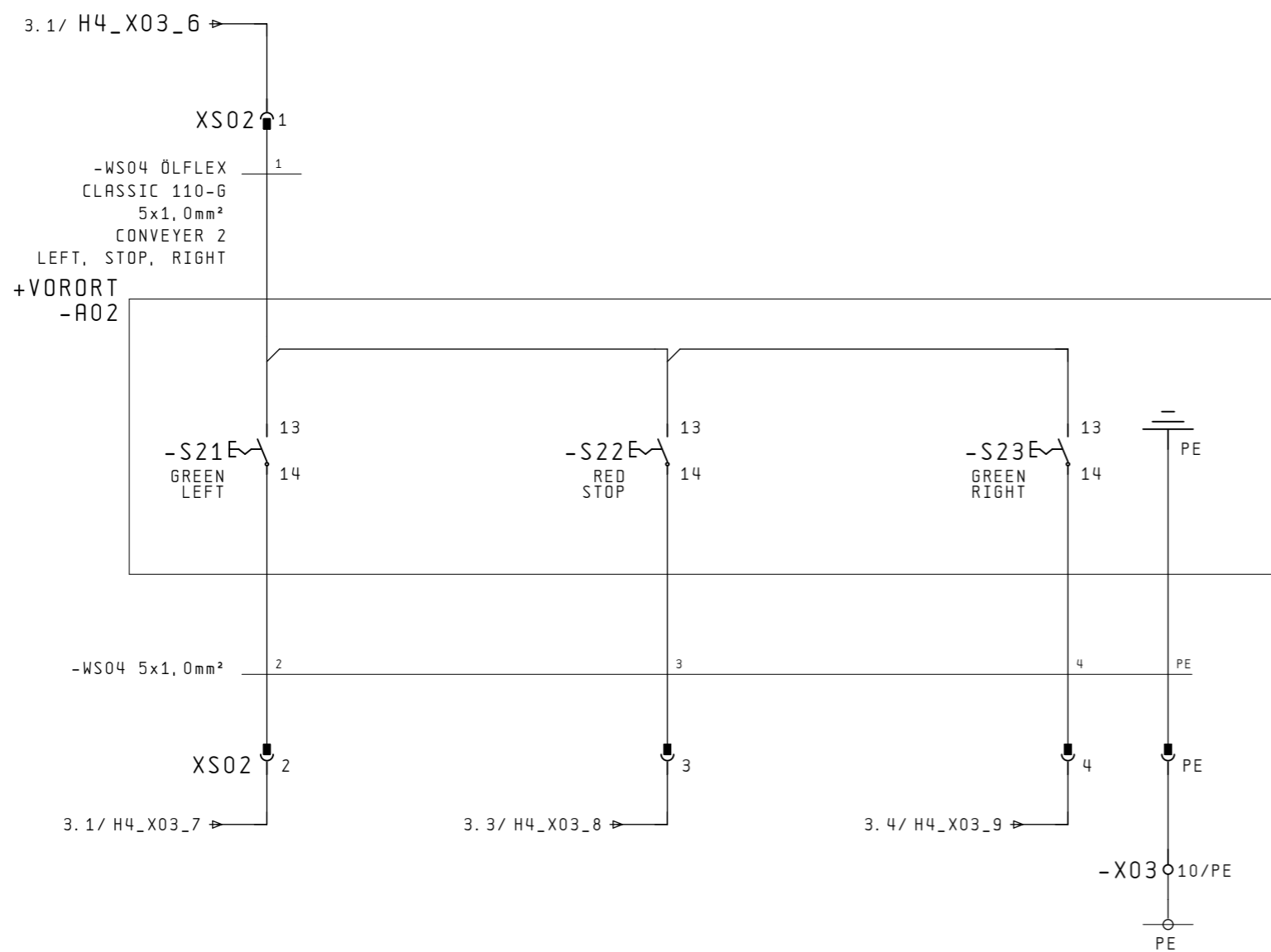
STOP-BUTTON
DRIVE 1

RIGHT-BUTTON
DRIVE 1

| | | | | | | | | |
|--------|------|-------|----------|--|----------------------|------------------------------------|----------------|---------|
| | | Date | 14.02.06 | | DP CANopen OPTIMIZED | REMOTE CONTROL PANEL CONVEYOR 4 | Drawing number | = WIRP4 |
| | | User. | hoe | | MP&A/AD&S | | 33003614 | + COM4 |
| Change | Date | Name | Stand. | | First. | | COM4 2 | DCO |



| | | | | | | | | |
|--------|------|-------|----------|-------------|----------------------|------------------------------------|----------------|---------|
| | | Date | 14.02.06 | | DP CANopen OPTIMIZED | REMOTE CONTROL PANEL CONVEYOR 2 | Drawing number | = WIRP4 |
| | | User. | hoe | | MP&A/AD&S | | 33003614 | + COM4 |
| Change | Date | Name | Stand. | | First. | | COM4 3 | DCO |
| | | | | Created for | Created by. | | | 4 Bl. |

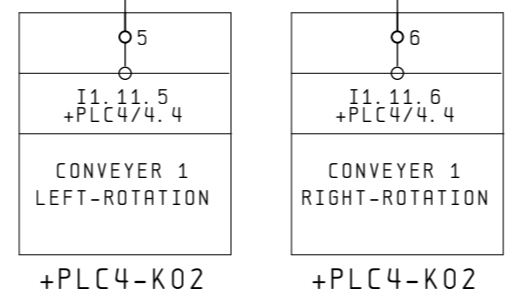
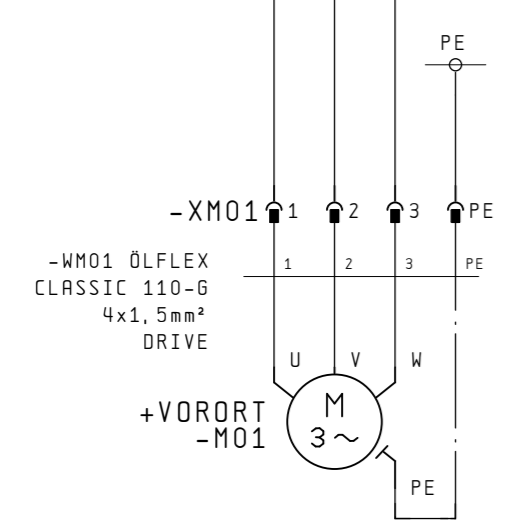
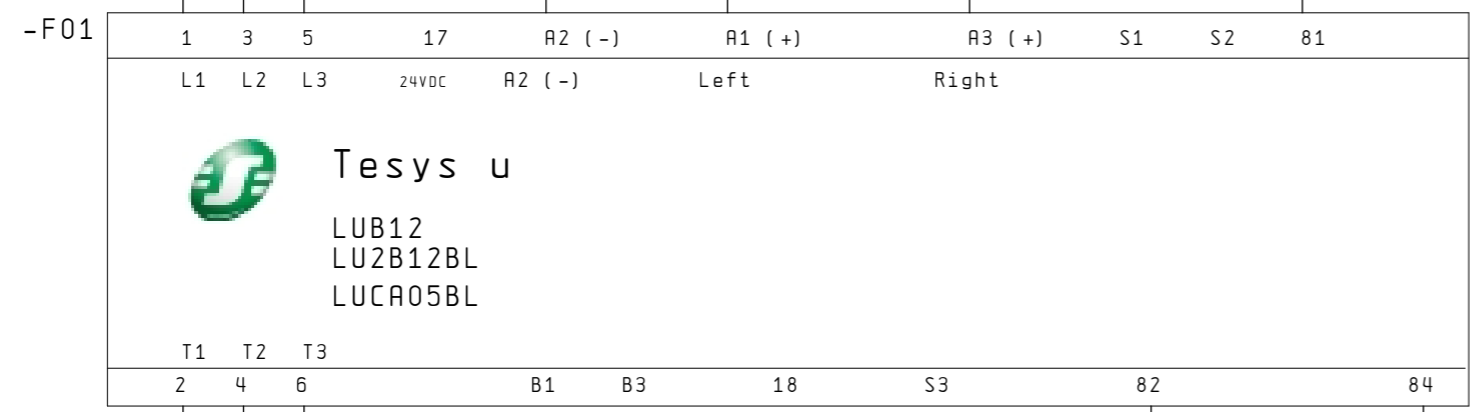
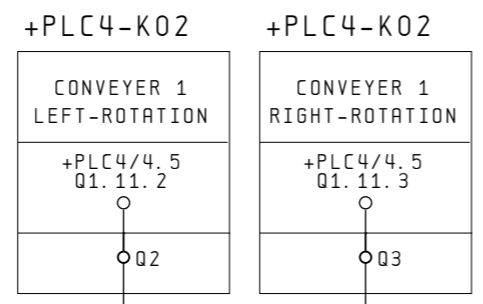
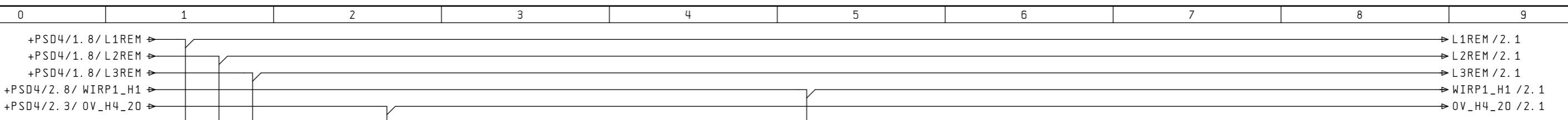


LEFT-BUTTON
DRIVE 2

STOP-BUTTON
DRIVE 2

RIGHT-BUTTON
DRIVE 2

| | | | | | | | | | | |
|--------|------|--------|----------|--------|----------------------|------------------------------------|----------------|--|---------|-------|
| | | Date | 14.02.06 | | DP CANopen OPTIMIZED | REMOTE CONTROL PANEL CONVEYOR 4 | Drawing number | | = WIRP4 | |
| | | User. | hoe | | MP&A/AD&S | | 33003614 | | + COM4 | |
| | | Check. | | | Created for | | COM4 4 | | DCO | Pa. 4 |
| Change | Date | Name | Stand. | First. | Created by. | | | | 4 Bl. | |

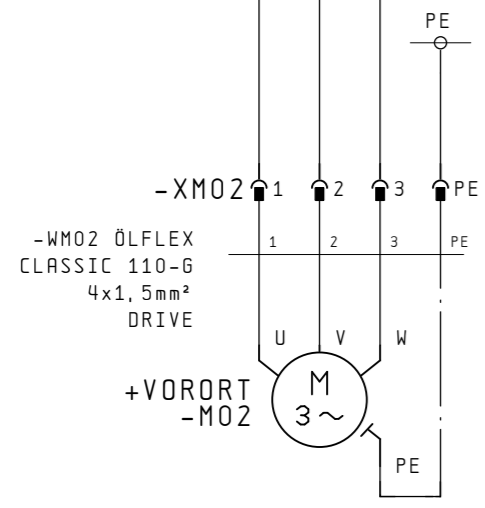
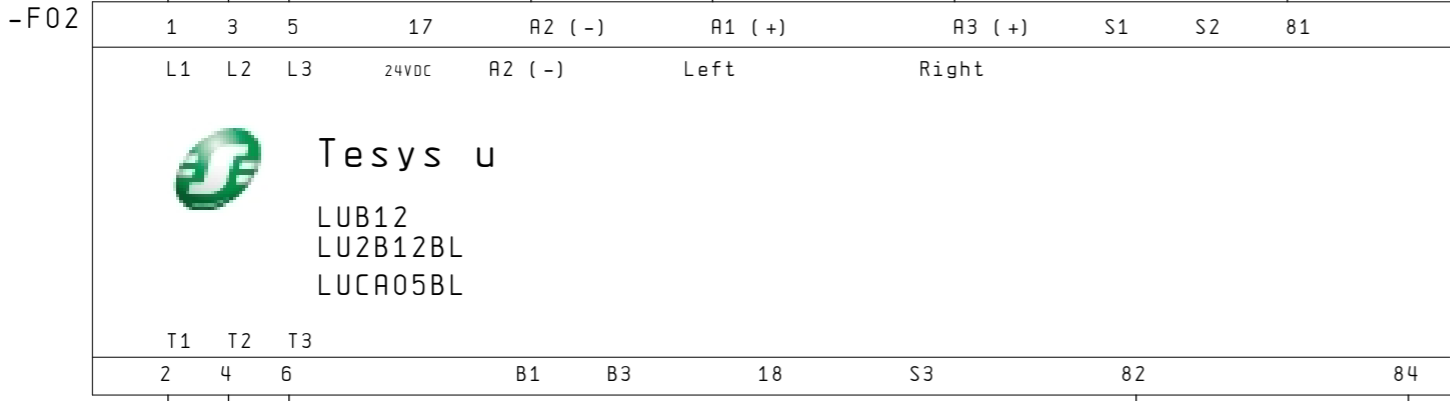
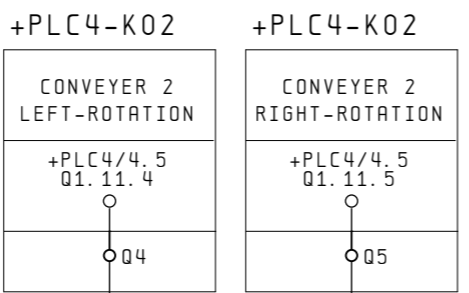
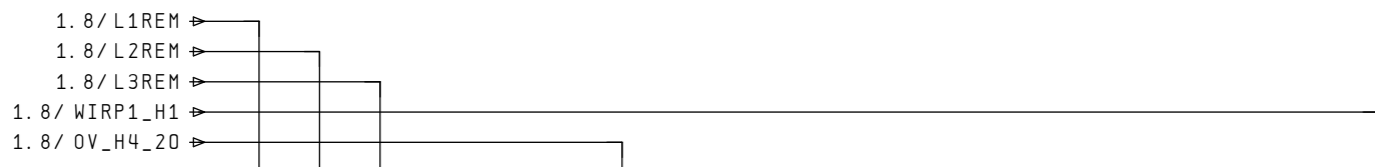


DRIVE 1

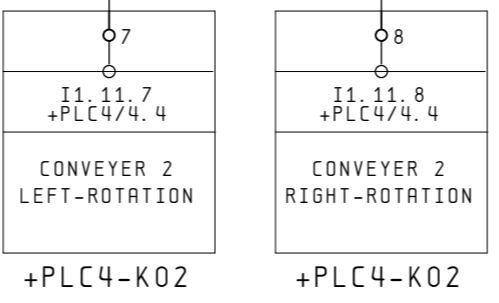
+COM4/4

2

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|--------|------|----------|--------|--------|----------------------|-------------|-----------------------|--|----------------|-----|---------|--|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED | | SOFT DRIVE CONVEYER 1 | | Drawing number | | = WIRP4 | |
| User. | | hoe | | | MP&A/AD&S | | | | 33003614 | | + MOV4 | |
| Check. | | | | | Created for | | Created by. | | MOV4 1 | | Pa. 1 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | | DCO | 2 Bl. | |



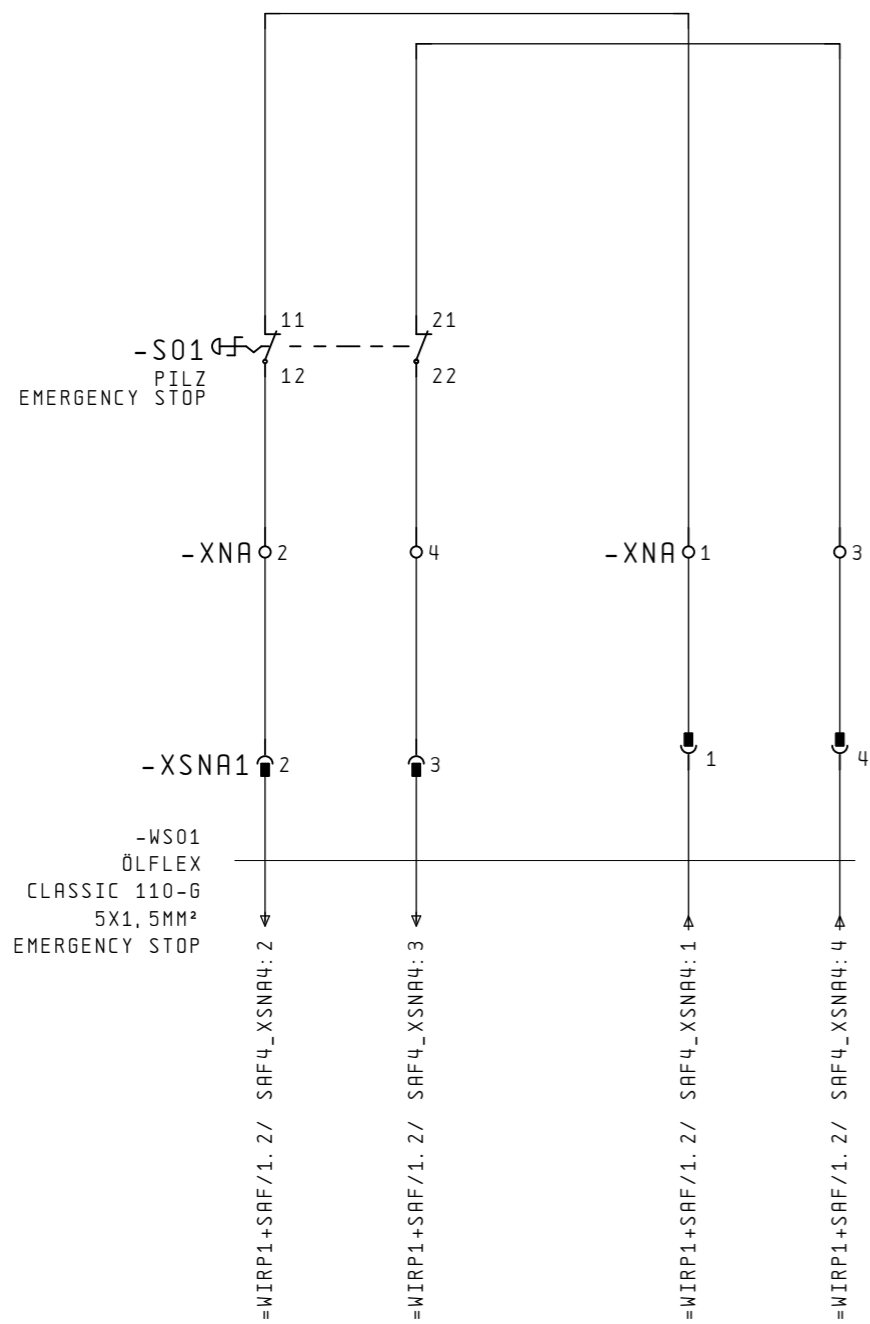
DRIVE 2



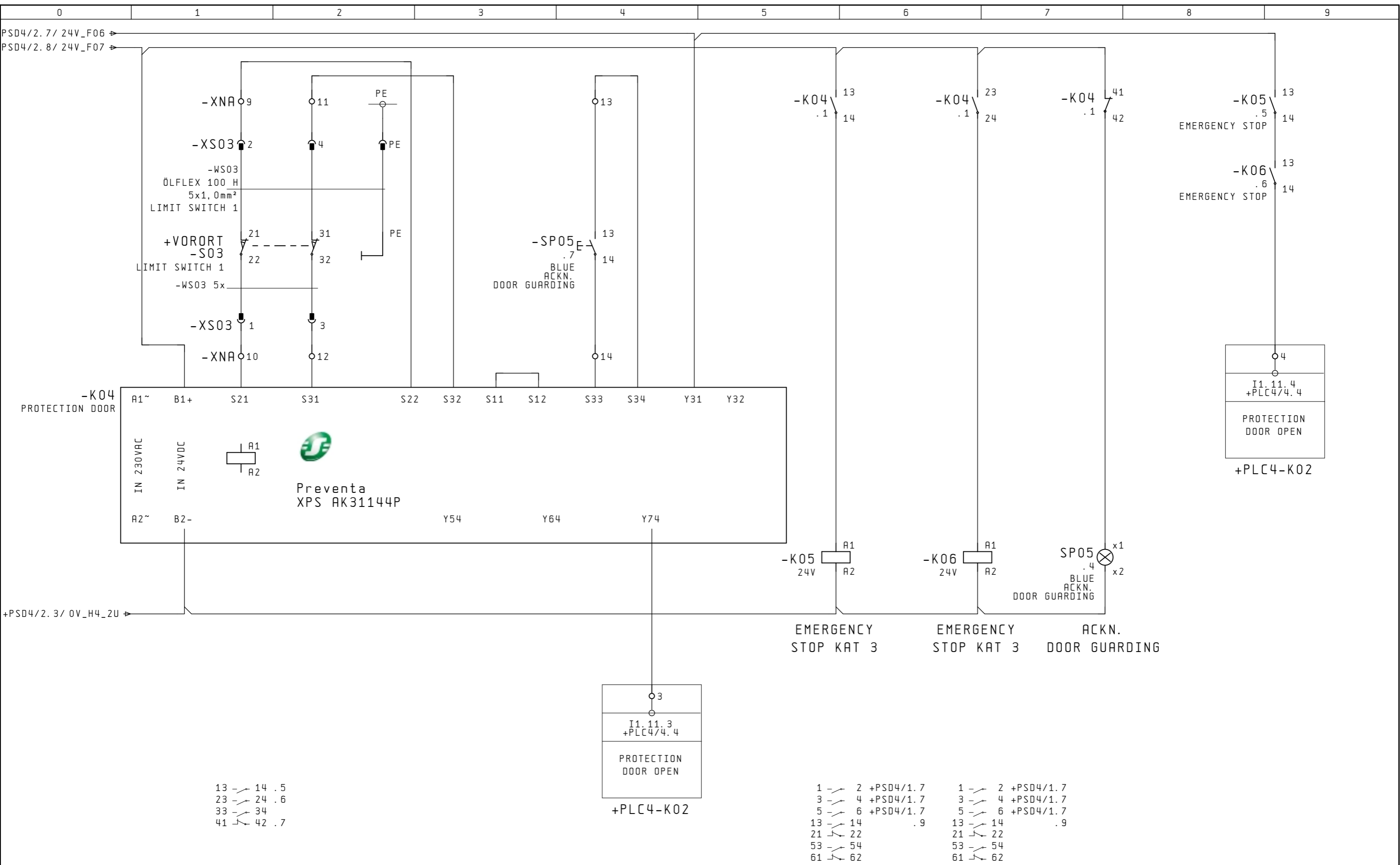
+SAF4/1

1

| | | | | | | | | | | | | |
|--------|------|----------|--------|--------|----------------------|-------------|-----------------------|--|----------------|--|---------|--|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED | | SOFT DRIVE CONVEYER 2 | | Drawing number | | = WIRP4 | |
| User. | | hoe | | | MP&A/AD&S | | | | 33003614 | | +MOV4 | |
| Check. | | | | | Created for | | Created by. | | MOV4 2 | | Pa. 2 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | DCO | | 2 Bl. | |



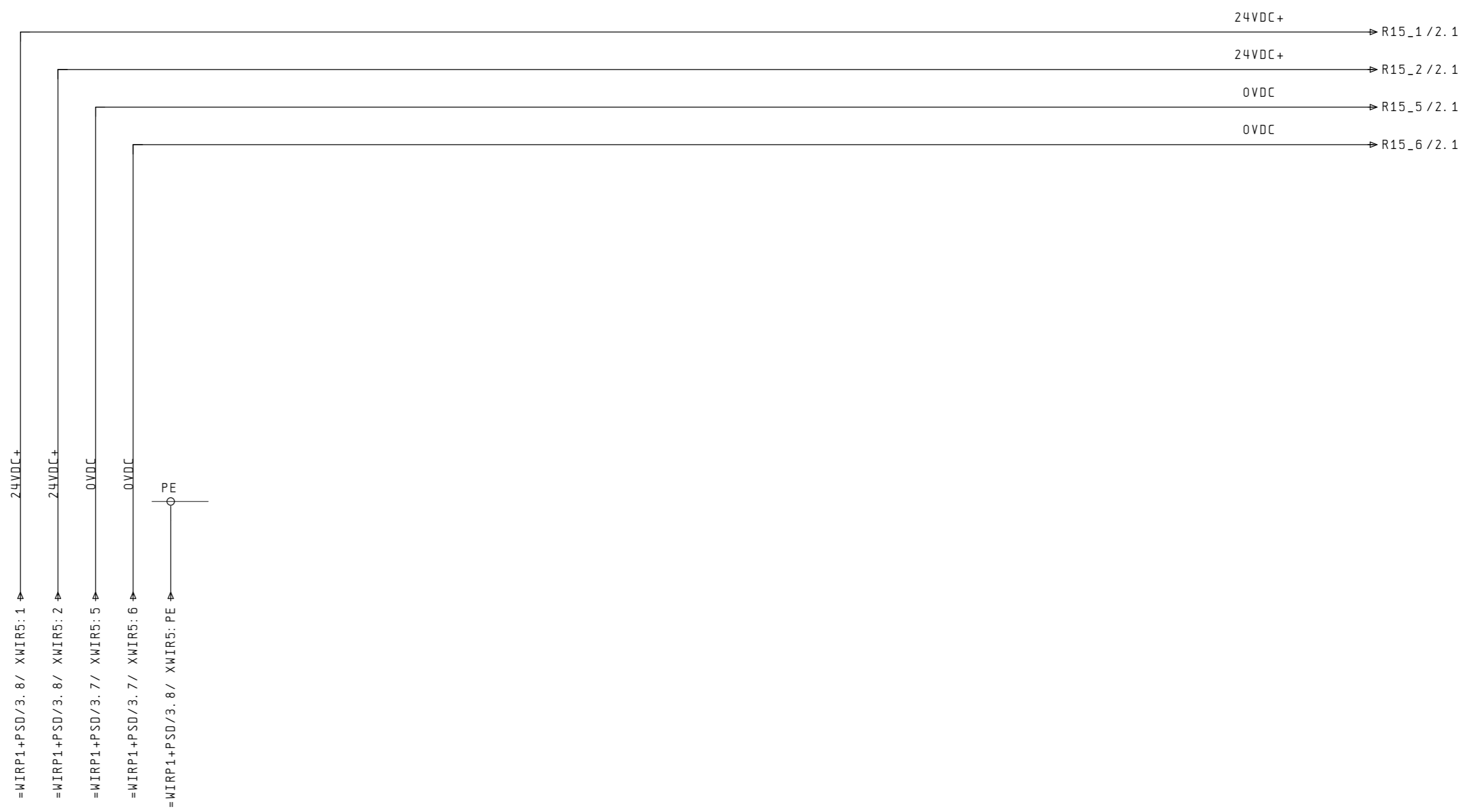
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| Date | | 14.02.06 | | | DP CANopen OPTIMIZED MP&A/AD&S | EMERGENCY STOP KAT 3 | Drawing number | | = WIRP4 | |
| User. | | hoe | | | | | 33003614 | | + SAF4 | |
| Check. | | | | First. | Created for | Created by. | SAF4 1 | | DCO 2 Bl. | |
| Change | Date | Name | Stand. | | | | | | | |



1

=WIRP5+COM5/1

| | | | | | | | |
|--------|----------|---------------|--------------------|----------------------|--------------------------|----------------|--------|
| Date | 14.02.06 | Merlin Gerin | Schneider Electric | DP CANopen OPTIMIZED | LIMIT SWITCH SAFETY GATE | Drawing number | =WIRP4 |
| User. | HOE | Square D | | MP&A/AD&S | | 33003614 | +SAF4 |
| Check. | | Telemecanique | | Created for | | SAF4 2 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | | Pa. 2 |
| | | | | | | | 2 Bl. |

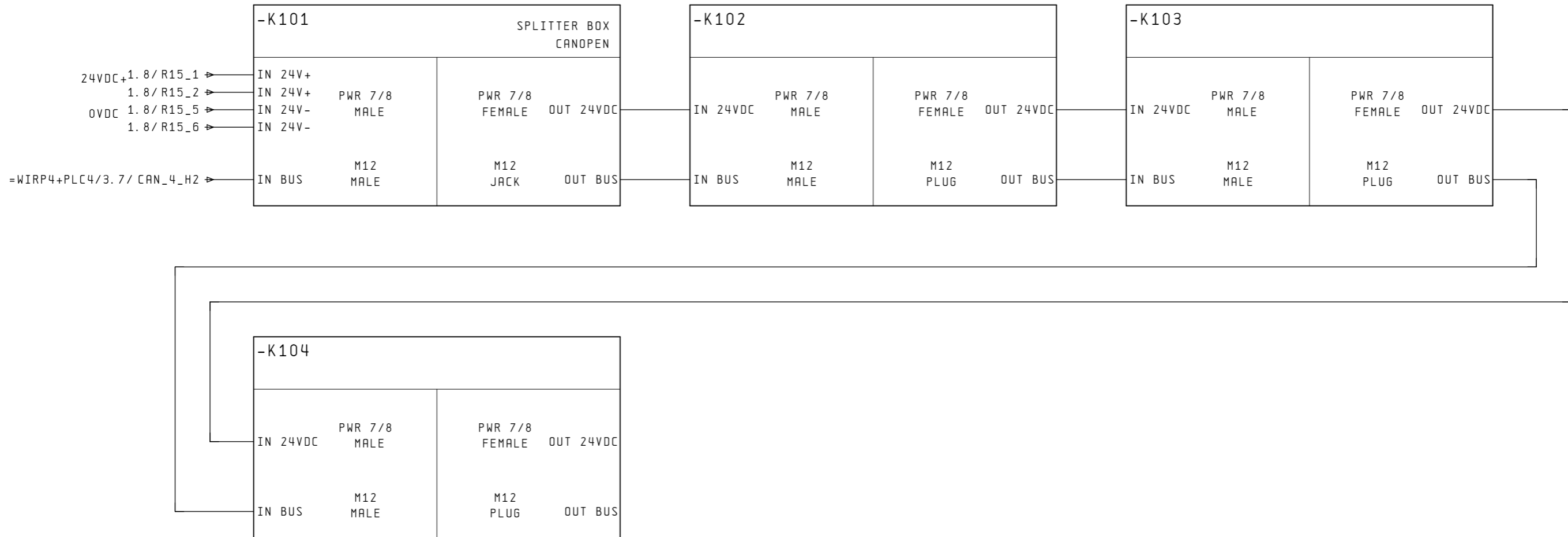


SUPPLY ABOUT
CIRCUAR
CONNECTOR

=WIRP4+SAF4/2

| | | | | | | | | | |
|--------|------|------|--------|--|-----------------------------------|------------------------------------|----------------|-------------------|-------------|
| Change | Date | Name | Date | | DP CANopen OPTIMIZED MP&A/AD&S | 24V DC VOLTAGE SUPPLY FDB FIELD | Drawing number | = WIRP5 + COM5 | |
| | | | Stand. | | | | First. | Created for | Created by. |
| | | | | | | | COM5 1 | DCO | 23 Bl. |

SEQUENCE IS NOT ABSOLUTELY CONECTION TREND!



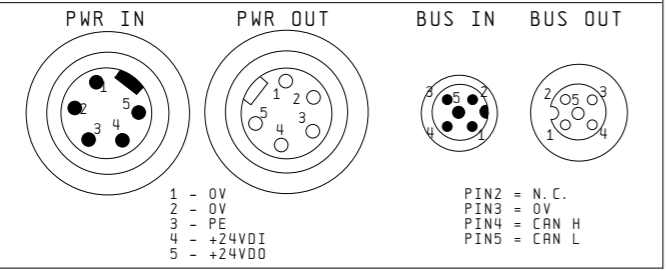
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|--------|------|----------|--------|--------|----------------------|-------------|---------------|--|----------------|--|---------|--|
| Date | | 14.02.06 | | | DP CANopen OPTIMIZED | | 24V DC SUPPLY | | Drawing number | | = WIRP5 | |
| User. | | HOE | | | MP&A/AD&S | | FTB | | 33003614 | | + COM5 | |
| Check. | | | | | Created for | | Created by. | | COM5 2 | | Pa. 2 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | COM5 2 | | DCO | |
| | | | | | | | | | | | 23 Bl. | |

-K101

FTB 1CN-CANOPEN

MONOBLOCK IP 67-SPLITTER BOXES

| | | |
|--|---|--|
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 00 OR 10 | <p>1-24V+ 00 2-OUTPUT 00 3-0V 00 4-INPUT 00 5-PE 10</p> | <p>00.1 01 /8.1 24V+ 00.2 02 /8.1 OUT 00.3 03 /8.2 0V 00.4 04 /8.3 LIGHT BARRIER CONVEYER 1 00.5 05 /8.4 PE</p> |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 01 OR 11 | <p>1-24V+ 01 2-OUTPUT 01 3-0V 01 4-INPUT 01 5-PE 11</p> | <p>01.1 11 /8.5 24V+ 01.2 12 /8.6 OUT 01.3 13 /8.7 0V 01.4 14 /8.7 LIGHT BARRIER CONVEYER 2 01.5 15 /8.8 PE</p> |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 02 OR 12 | <p>1-24V 02 2-OUTPUT 02 3-0V 02 4-INPUT 02 5-PE 12</p> | <p>02.1 21 /9.1 24V+ 02.2 22 /9.1 OUT 02.3 23 /9.2 0V 02.4 24 /9.3 LIGHT BARRIER CONVEYER 3 02.5 25 /9.4 PE</p> |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 03 OR 13 | <p>1-24V 03 2-OUTPUT 03 3-0V 03 4-INPUT 03 5-PE 13</p> | <p>03.1 31 /9.5 Reserve 03.2 32 /9.6 Reserve 03.3 33 /9.7 Reserve 03.4 34 /9.7 Reserve 03.5 35 /9.8 Reserve</p> |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 04 OR 14 | <p>1-24V+ 04 2-OUTPUT 04 3-0V 04 4-INPUT 04 5-PE 14</p> | <p>04.1 41 /10.1 Reserve 04.2 42 /10.1 Reserve 04.3 43 /10.2 Reserve 04.4 44 /10.3 Reserve 04.5 45 /10.4 Reserve</p> |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 05 OR 15 | <p>1-24V+ 05 2-OUTPUT 05 3-0V 05 4-INPUT 05 5-PE 15</p> | <p>05.1 51 /10.5 Reserve 05.2 52 /10.6 Reserve 05.3 53 /10.7 Reserve 05.4 54 /10.7 Reserve 05.5 55 /10.8 Reserve</p> |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 06 OR 16 | <p>1-24V+ 06 2-OUTPUT 06 3-0V 06 4-INPUT 06 5-PE 16</p> | <p>06.1 61 /11.1 Reserve 06.2 62 /11.1 Reserve 06.3 63 /11.2 Reserve 06.4 64 /11.3 Reserve 06.5 65 /11.4 Reserve</p> |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 07 OR 17 | <p>1-24V+ 07 2-OUTPUT 07 3-0V 07 4-INPUT 07 5-PE 17</p> | <p>07.1 71 /11.5 Reserve 07.2 72 /11.6 Reserve 07.3 73 /11.7 Reserve 07.4 74 /11.7 Reserve 07.5 75 /11.8 Reserve</p> |



2

4

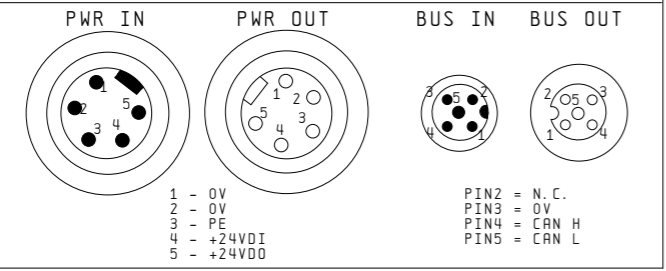
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|--------|----------|------|----------------------|------------------------------------|----------------|---------|--------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | SPLITTERBOXES FTB IP67 I/O K101 | Drawing number | = WIRP5 | |
| User. | HOE | | MP&A/AD&S | | 33003614 | + COM5 | |
| Check. | | | Created for | | COM5 3 | Pa. 3 | |
| Change | Date | Name | Stand. | First. | Created by. | DCO | 23 Bl. |

-K102

FTB 1CN-CANOPEN

MONOBLOCK IP 67-SPLITTER BOXES

| | | | | | |
|--|---|--|---|---|---|
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 00 OR 10 | 1-24V+ 00 2-OUTPUT 3-0V 4-INPUT 5-PE 10 | | 00.1 01 00.2 02 00.3 03 00.4 04 00.5 05 | /12.1 /12.1 /12.2 /12.3 /12.4 | 24V+ OUT 0V INITIATOR POS. 1 PE |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 01 OR 11 | 1-24V+ 01 2-OUTPUT 3-0V 4-INPUT 5-PE 11 | | 01.1 11 01.2 12 01.3 13 01.4 14 01.5 15 | /12.5 /12.6 /12.7 /12.7 /12.8 | 24V+ OUT 0V INITIATOR POS. 1.2 PE |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 02 OR 12 | 1-24V 02 2-OUTPUT 3-0V 4-INPUT 5-PE 12 | | 02.1 21 02.2 22 02.3 23 02.4 24 02.5 25 | /13.1 /13.1 /13.2 /13.3 /13.4 | 24V+ OUT 0V INITIATOR POS. 2 PE |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 03 OR 13 | 1-24V 03 2-OUTPUT 3-0V 4-INPUT 5-PE 13 | | 03.1 31 03.2 32 03.3 33 03.4 34 03.5 35 | /13.5 /13.6 /13.7 /13.7 /13.8 | 24V+ OUT 0V INITIATOR POS. 2.2 PE |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 04 OR 14 | 1-24V+ 04 2-OUTPUT 3-0V 4-INPUT 5-PE 14 | | 04.1 41 04.2 42 04.3 43 04.4 44 04.5 45 | /14.1 /14.1 /14.2 /14.3 /14.4 | Reserve Reserve Reserve Reserve Reserve |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 05 OR 15 | 1-24V+ 05 2-OUTPUT 3-0V 4-INPUT 5-PE 15 | | 05.1 51 05.2 52 05.3 53 05.4 54 05.5 55 | /14.5 /14.6 /14.7 /14.7 /14.8 | Reserve Reserve Reserve Reserve Reserve |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 06 OR 16 | 1-24V+ 06 2-OUTPUT 3-0V 4-INPUT 5-PE 16 | | 06.1 61 06.2 62 06.3 63 06.4 64 06.5 65 | /15.1 /15.1 /15.2 /15.3 /15.4 | Reserve Reserve Reserve Reserve Reserve |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 07 OR 17 | 1-24V+ 07 2-OUTPUT 3-0V 4-INPUT 5-PE 17 | | 07.1 71 07.2 72 07.3 73 07.4 74 07.5 75 | /15.5 /15.6 /15.7 /15.7 /15.8 | Reserve Reserve Reserve Reserve Reserve |



3

5

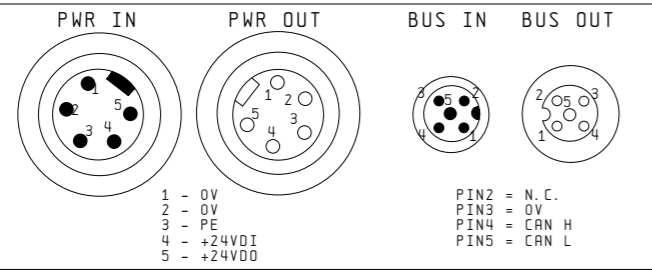
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|--------|----------|------|----------------------|------------------------------------|----------------|-------------------|-----|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | SPLITTERBOXES FTB IP67 I/O K102 | Drawing number | = WIRP5 + COM5 | |
| User. | HOE | | MP&A/AD&S | | 33003614 | Pa. | 4 |
| Check. | | | Created for | | Created by. | COM5 4 | DCO |
| Change | Date | Name | Stand. | First. | | | |

-K103

FTB 1CN-CANOPEN

MONOBLOCK IP 67-SPLITTER BOXES

| | | | | | | | |
|--|----------|----|--|------|----|-------|----------------------------------|
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 00 OR 10 | 1-24V+ | 00 | | 00.1 | 01 | /16.1 | 24V+ |
| | 2-OUTPUT | | | 00.2 | 02 | /16.1 | OUT |
| | 3-0V | | | 00.3 | 03 | /16.2 | 0V |
| | 4-INPUT | | | 00.4 | 04 | /16.3 | LIGHT BARRIER CONVEYER TURNTABLE |
| | 5-PE | 10 | | 00.5 | 05 | /16.4 | PE |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 01 OR 11 | 1-24V+ | 01 | | 01.1 | 11 | /16.5 | Reserve |
| | 2-OUTPUT | | | 01.2 | 12 | /16.6 | Reserve |
| | 3-0V | | | 01.3 | 13 | /16.7 | Reserve |
| | 4-INPUT | | | 01.4 | 14 | /16.7 | Reserve |
| | 5-PE | 11 | | 01.5 | 15 | /16.8 | Reserve |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 02 OR 12 | 1-24V | 02 | | 02.1 | 21 | /17.1 | Reserve |
| | 2-OUTPUT | | | 02.2 | 22 | /17.1 | Reserve |
| | 3-0V | | | 02.3 | 23 | /17.2 | Reserve |
| | 4-INPUT | | | 02.4 | 24 | /17.3 | Reserve |
| | 5-PE | 12 | | 02.5 | 25 | /17.4 | Reserve |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 03 OR 13 | 1-24V | 03 | | 03.1 | 31 | /17.5 | Reserve |
| | 2-OUTPUT | | | 03.2 | 32 | /17.6 | Reserve |
| | 3-0V | | | 03.3 | 33 | /17.7 | Reserve |
| | 4-INPUT | | | 03.4 | 34 | /17.7 | Reserve |
| | 5-PE | 13 | | 03.5 | 35 | /17.8 | Reserve |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 04 OR 14 | 1-24V+ | 04 | | 04.1 | 41 | /18.1 | Reserve |
| | 2-OUTPUT | | | 04.2 | 42 | /18.1 | Reserve |
| | 3-0V | | | 04.3 | 43 | /18.2 | Reserve |
| | 4-INPUT | | | 04.4 | 44 | /18.3 | Reserve |
| | 5-PE | 14 | | 04.5 | 45 | /18.4 | Reserve |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 05 OR 15 | 1-24V+ | 05 | | 05.1 | 51 | /18.5 | Reserve |
| | 2-OUTPUT | | | 05.2 | 52 | /18.6 | Reserve |
| | 3-0V | | | 05.3 | 53 | /18.7 | Reserve |
| | 4-INPUT | | | 05.4 | 54 | /18.7 | Reserve |
| | 5-PE | 15 | | 05.5 | 55 | /18.8 | Reserve |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 06 OR 16 | 1-24V+ | 06 | | 06.1 | 61 | /19.1 | Reserve |
| | 2-OUTPUT | | | 06.2 | 62 | /19.1 | Reserve |
| | 3-0V | | | 06.3 | 63 | /19.2 | Reserve |
| | 4-INPUT | | | 06.4 | 64 | /19.3 | Reserve |
| | 5-PE | 16 | | 06.5 | 65 | /19.4 | Reserve |
| M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 07 OR 17 | 1-24V+ | 07 | | 07.1 | 71 | /19.5 | Reserve |
| | 2-OUTPUT | | | 07.2 | 72 | /19.6 | Reserve |
| | 3-0V | | | 07.3 | 73 | /19.7 | Reserve |
| | 4-INPUT | | | 07.4 | 74 | /19.7 | Reserve |
| | 5-PE | 17 | | 07.5 | 75 | /19.8 | Reserve |



4

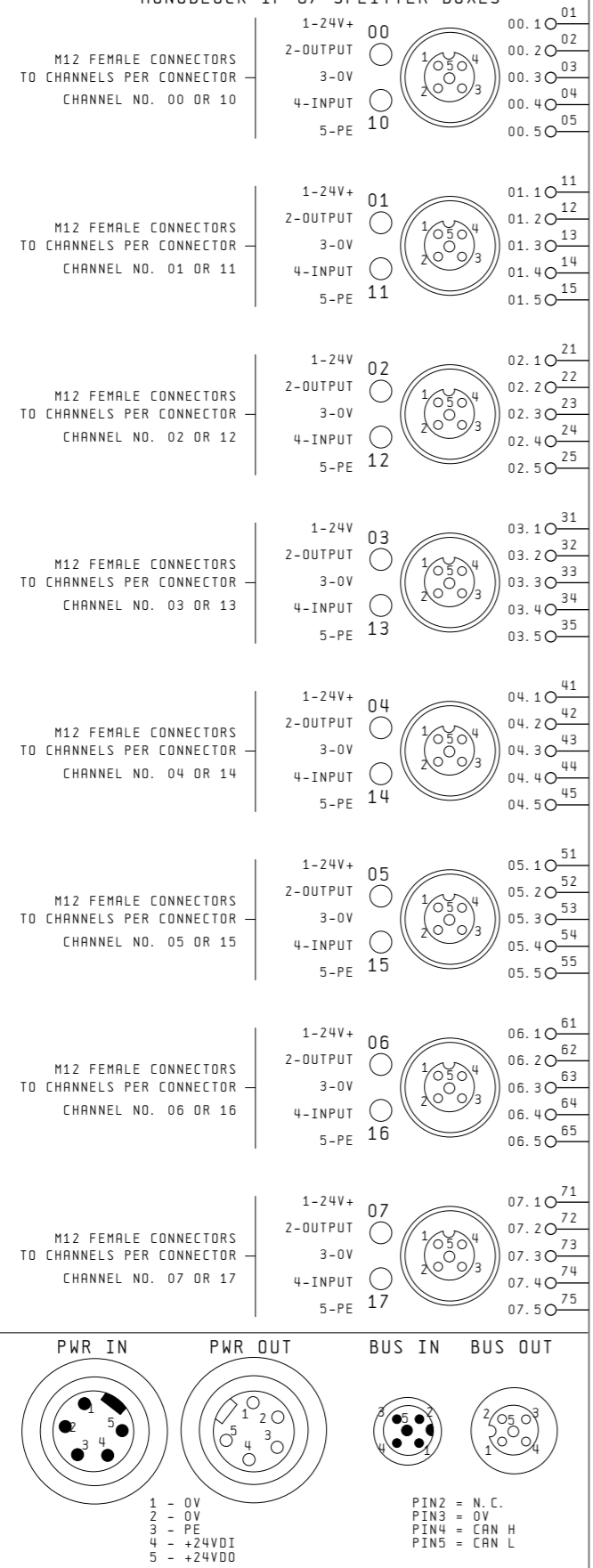
6

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|--------|----------|--|----------------------|---------------------------------|----------------|----------------|-----|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | SPLITTERBOXES FTB IP67 I/O K103 | Drawing number | = WIRP5 + COM5 | |
| User. | HOE | | MP&A/AD&S | | 33003614 | Pa. | 5 |
| Change | Date | | Name | | Stand. | COM5 5 | DCO |

-K104

FTB 1CN-CANOPEN

MONOBLOCK IP 67-SPLITTER BOXES

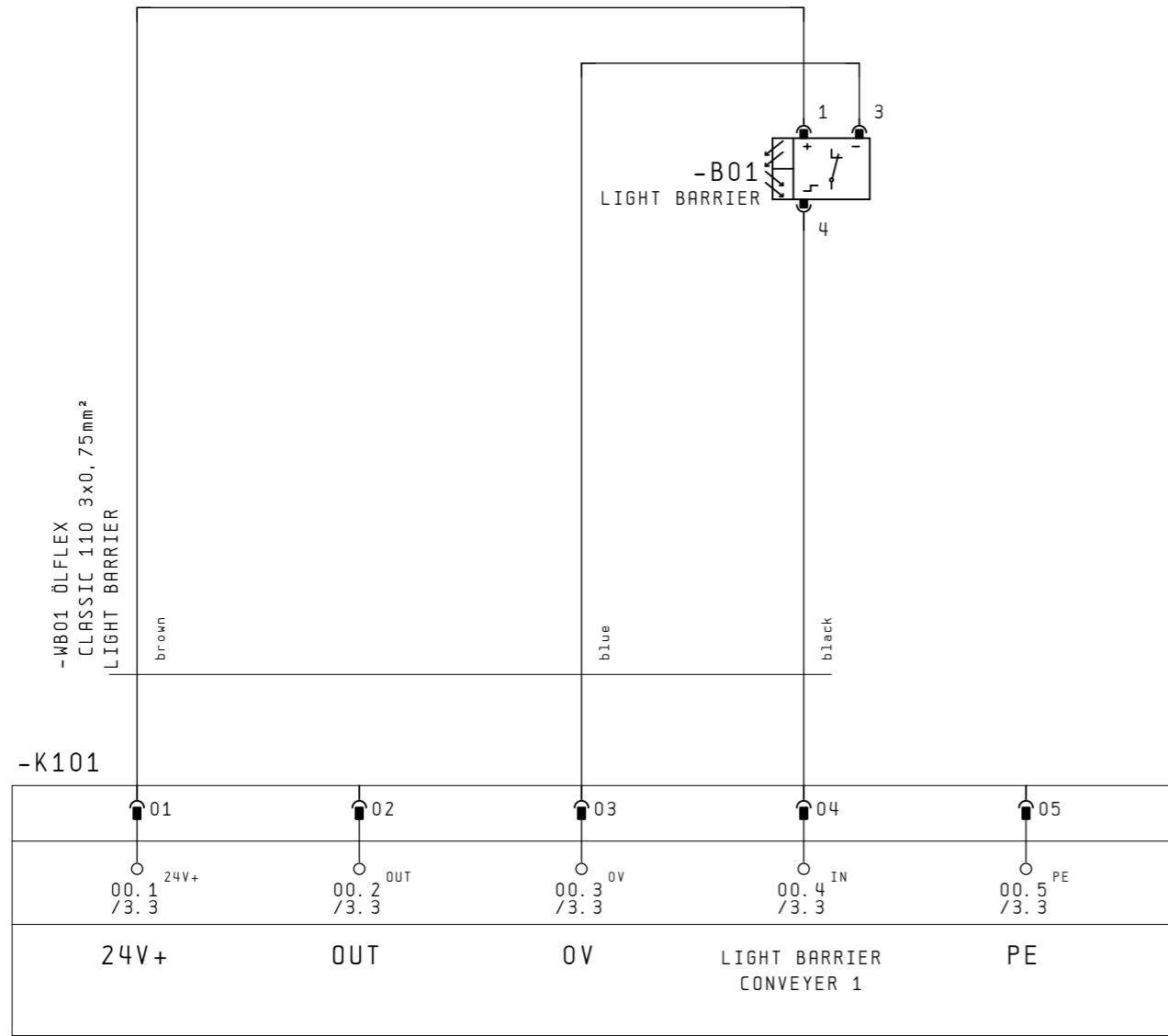


| | | | |
|------|----|-------|--------------------------------|
| 00.1 | 01 | /20.1 | 24V+ |
| 00.2 | 02 | /20.1 | OUT |
| 00.3 | 03 | /20.2 | 0V |
| 00.4 | 04 | /20.3 | LIGHT BARRIER CONVEYER FROM/ON |
| 00.5 | 05 | /20.4 | PE |
| 01.1 | 11 | /20.5 | Reserve |
| 01.2 | 12 | /20.6 | Reserve |
| 01.3 | 13 | /20.7 | Reserve |
| 01.4 | 14 | /20.7 | Reserve |
| 01.5 | 15 | /20.8 | Reserve |
| 02.1 | 21 | /21.1 | Reserve |
| 02.2 | 22 | /21.1 | Reserve |
| 02.3 | 23 | /21.2 | Reserve |
| 02.4 | 24 | /21.3 | Reserve |
| 02.5 | 25 | /21.4 | Reserve |
| 03.1 | 31 | /21.5 | Reserve |
| 03.2 | 32 | /21.6 | Reserve |
| 03.3 | 33 | /21.7 | Reserve |
| 03.4 | 34 | /21.7 | Reserve |
| 03.5 | 35 | /21.8 | Reserve |
| 04.1 | 41 | /22.1 | Reserve |
| 04.2 | 42 | /22.1 | Reserve |
| 04.3 | 43 | /22.2 | Reserve |
| 04.4 | 44 | /22.3 | Reserve |
| 04.5 | 45 | /22.4 | Reserve |
| 05.1 | 51 | /22.5 | Reserve |
| 05.2 | 52 | /22.6 | Reserve |
| 05.3 | 53 | /22.7 | Reserve |
| 05.4 | 54 | /22.7 | Reserve |
| 05.5 | 55 | /22.8 | Reserve |
| 06.1 | 61 | /23.1 | Reserve |
| 06.2 | 62 | /23.1 | Reserve |
| 06.3 | 63 | /23.2 | Reserve |
| 06.4 | 64 | /23.3 | Reserve |
| 06.5 | 65 | /23.4 | Reserve |
| 07.1 | 71 | /23.5 | Reserve |
| 07.2 | 72 | /23.6 | Reserve |
| 07.3 | 73 | /23.7 | Reserve |
| 07.4 | 74 | /23.7 | Reserve |
| 07.5 | 75 | /23.8 | Reserve |

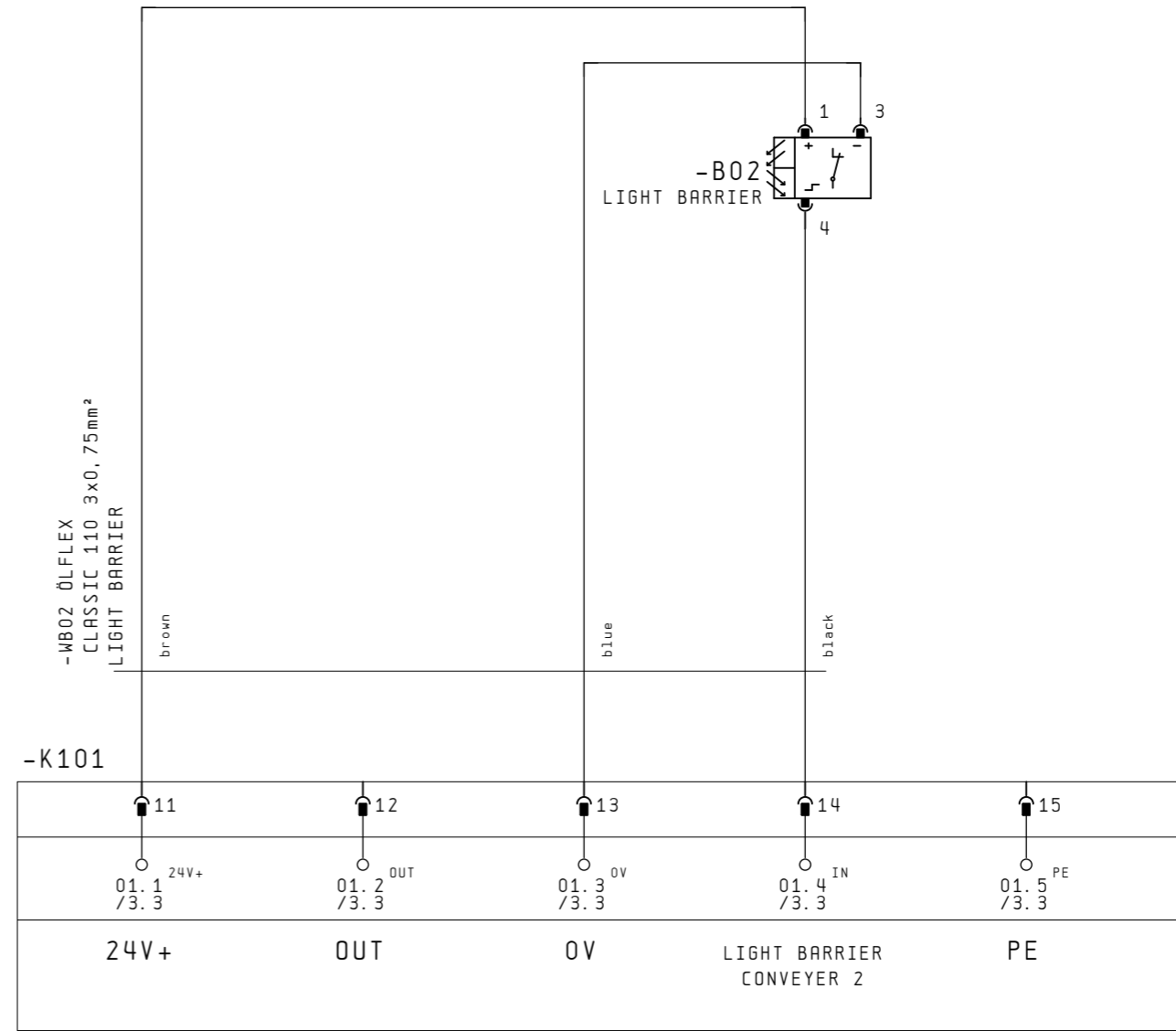
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8

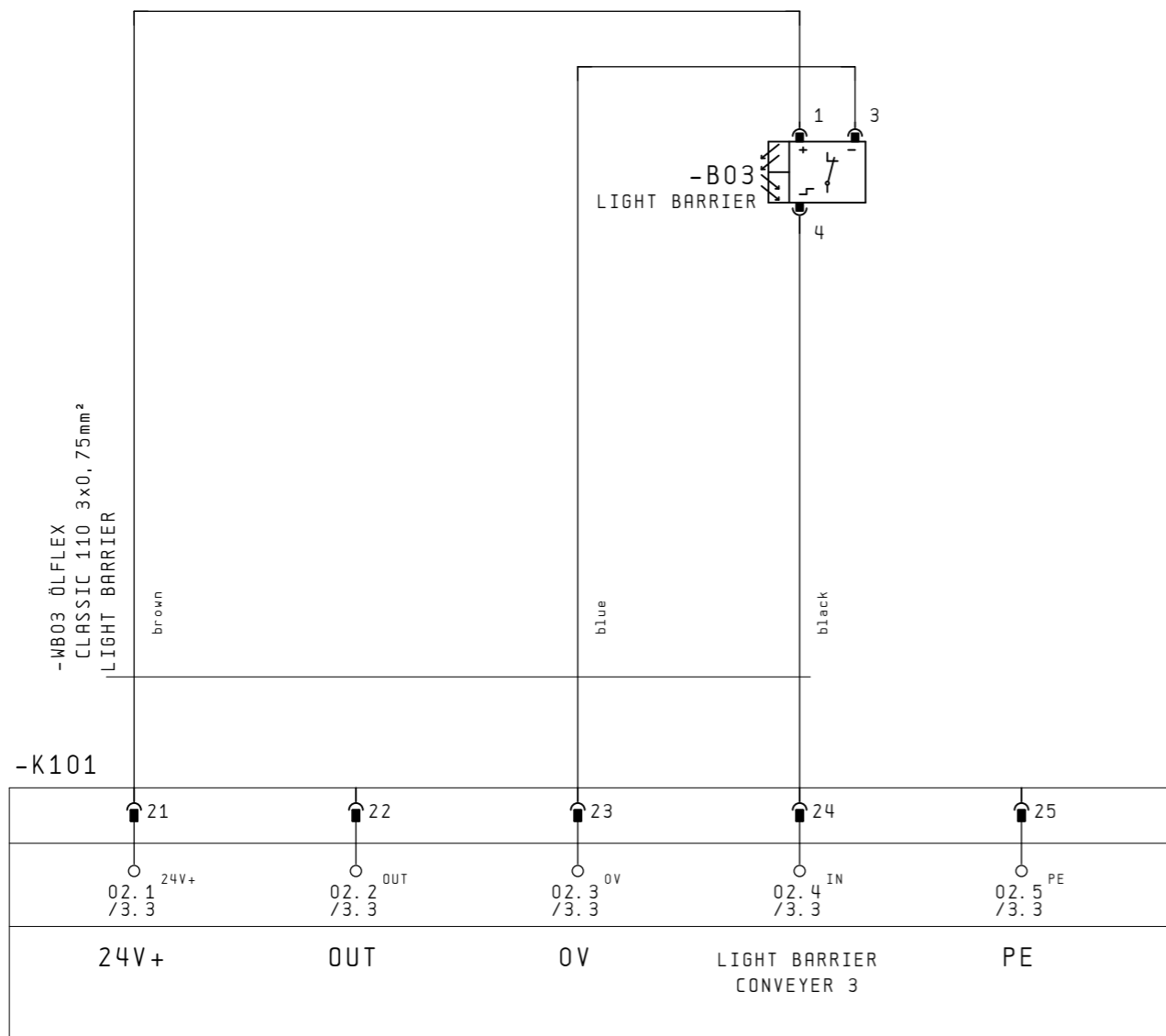
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|--------|----------|------|----------------------|------------------------------------|----------------|-------------------|-----|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | SPLITTERBOXES FTB IP67 I/O K104 | Drawing number | = WIRP5 + COM5 | |
| User. | HOE | | MP&A/AD&S | | 33003614 | Pa. | 6 |
| Check. | | | Created for | | Created by. | COM5 6 | DCO |
| Change | Date | Name | Stand. | First. | | | |



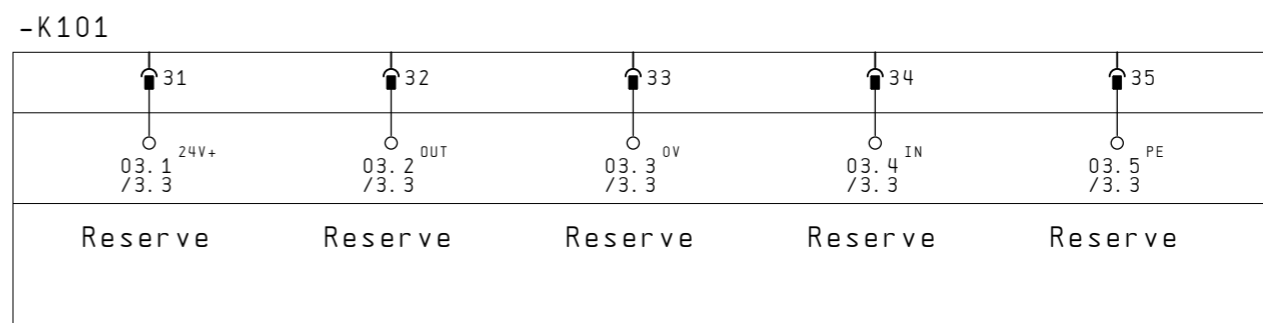
FTB 1CN-CANOPEN



FTB 1CN-CANOPEN

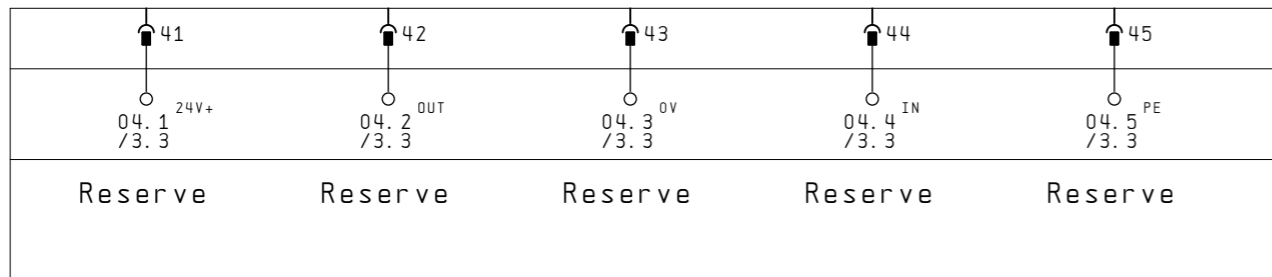


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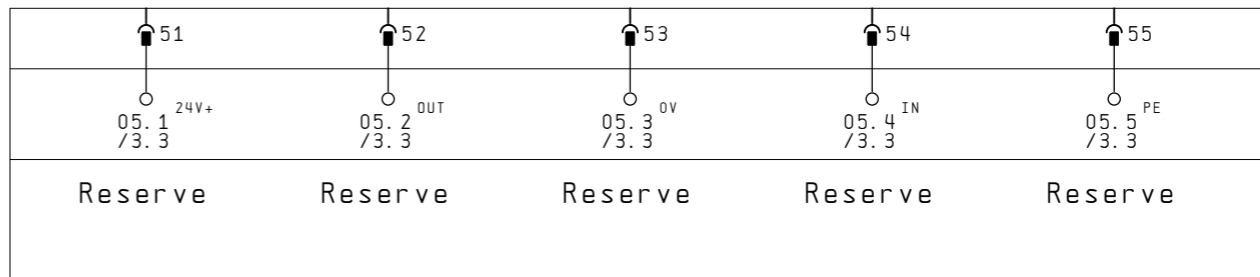
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-K101




FTB 1CN-CANOPEN

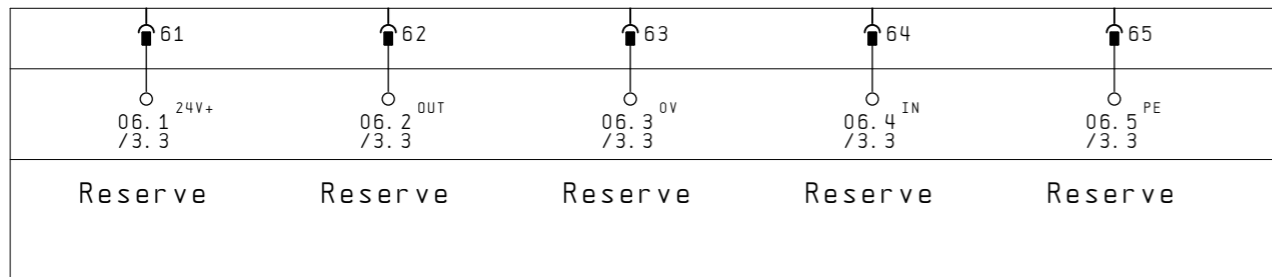
-K101



FTB 1CN-CANOPEN

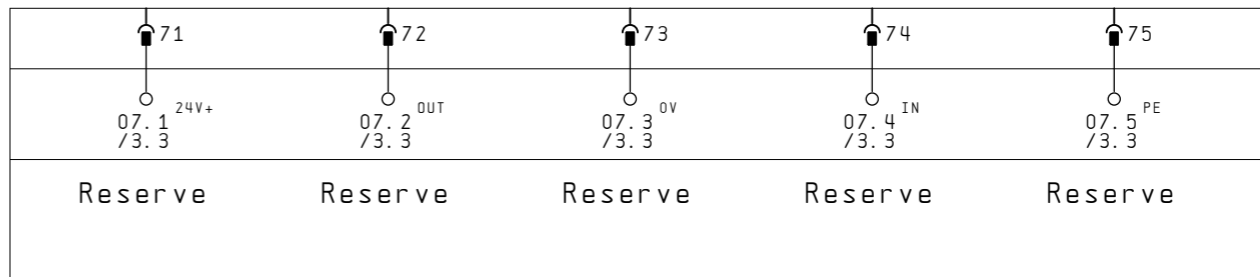
| | | | | | | | | | | | |
|--------|------|-------|----------|--|----------------------|--------------|----------------|-------------|---------|--|-----|
| | | Date | 14.02.06 |  | DP CANopen OPTIMIZED | FTB IP67 I/O | Drawing number | | = WIRP5 | | |
| | | User. | HOE | | MP&A/AD&S | | 33003614 | | + COM5 | | |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | COM5 10 | | Pa. |
| | | | | | | | DCO | | 23 Bl. | | |

-K101




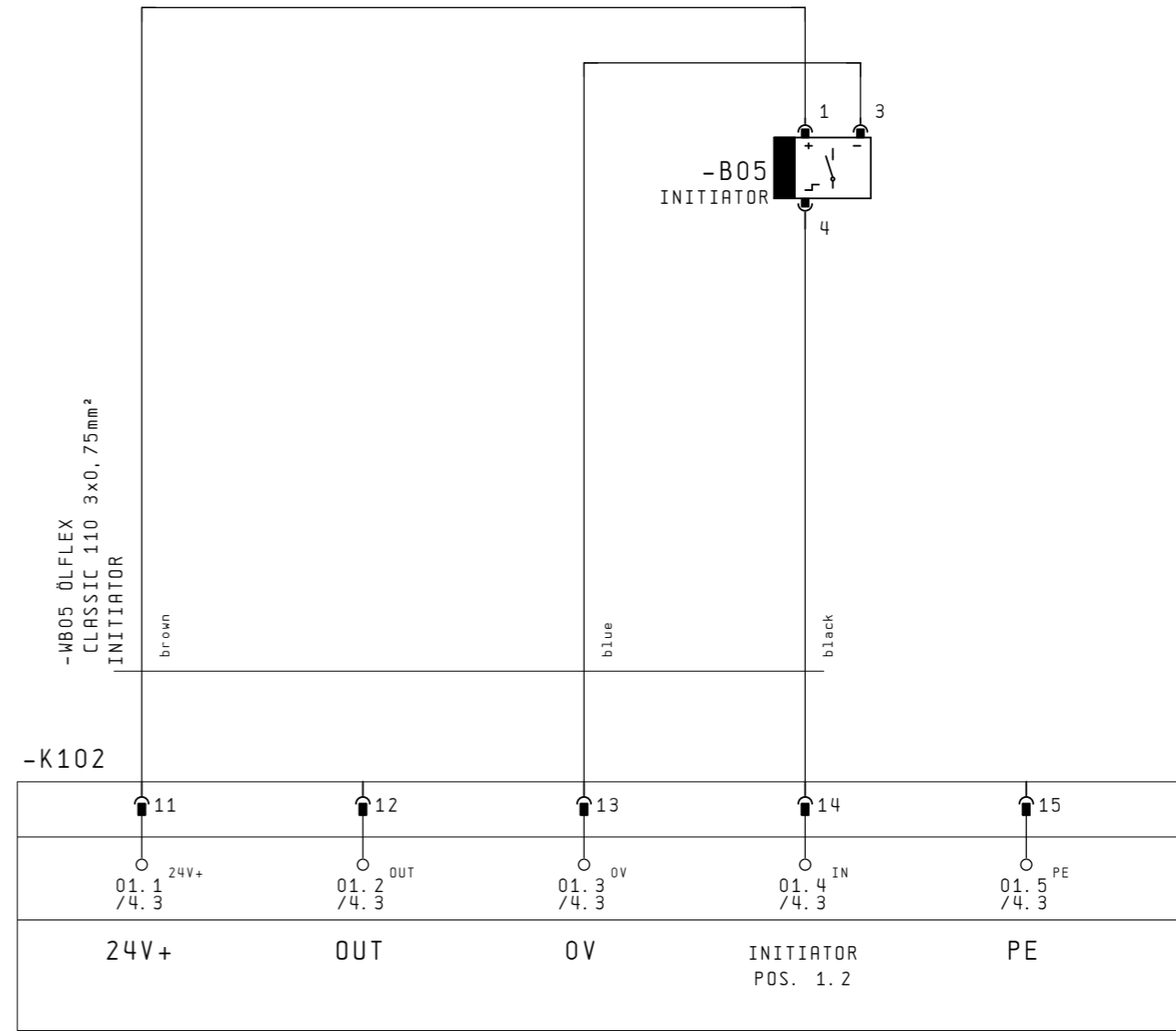
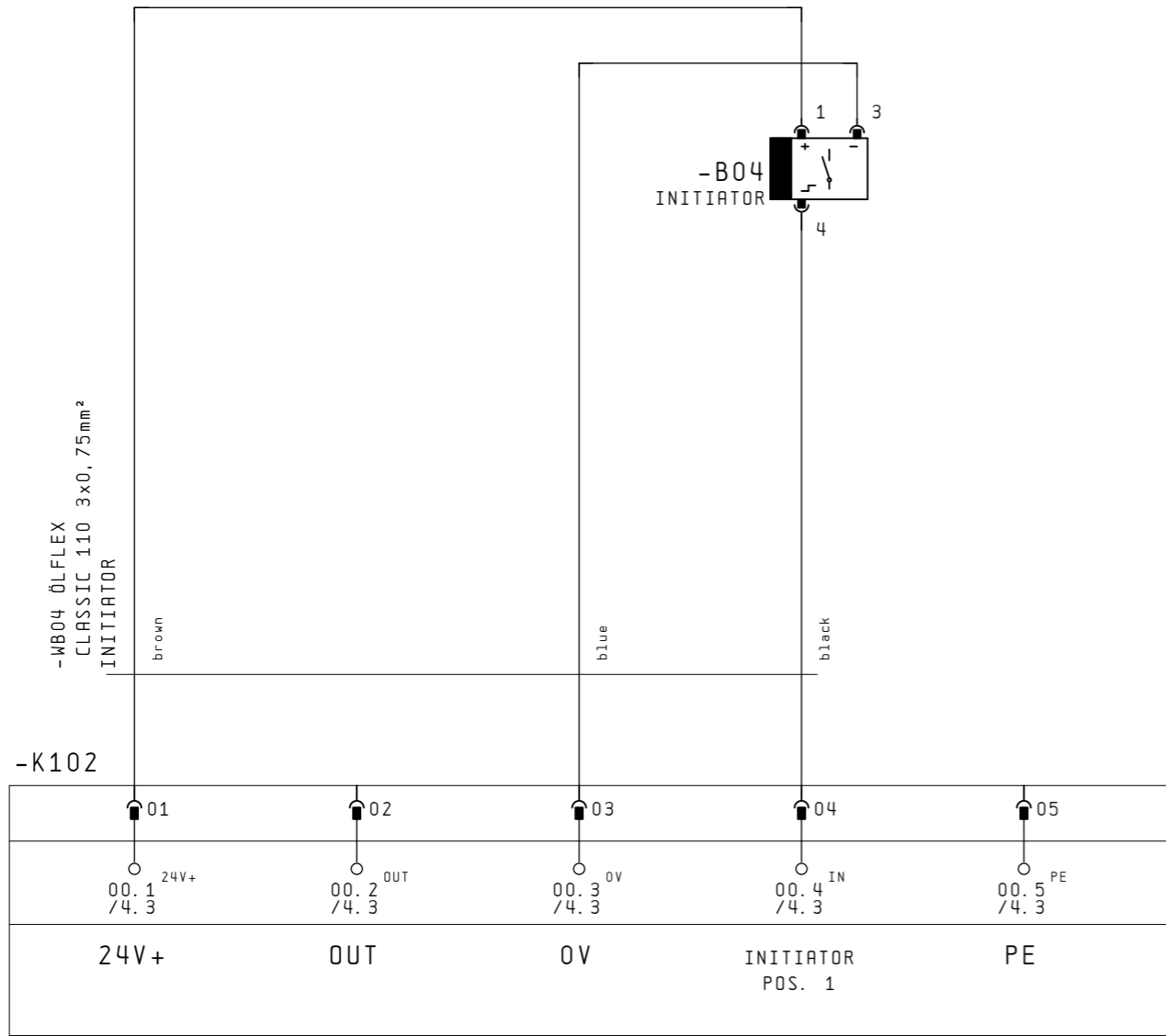
FTB 1CN-CANOPEN

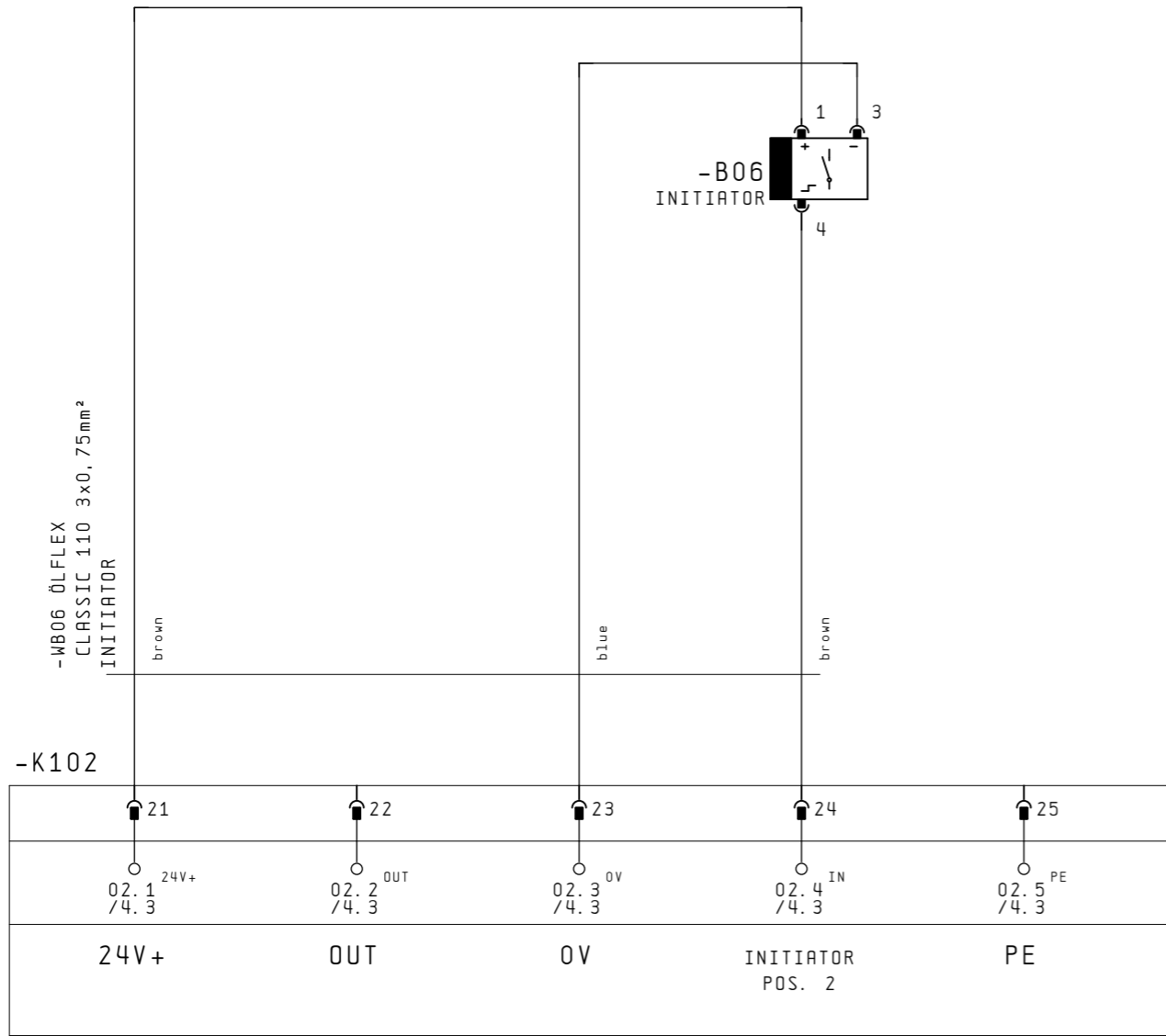
-K101



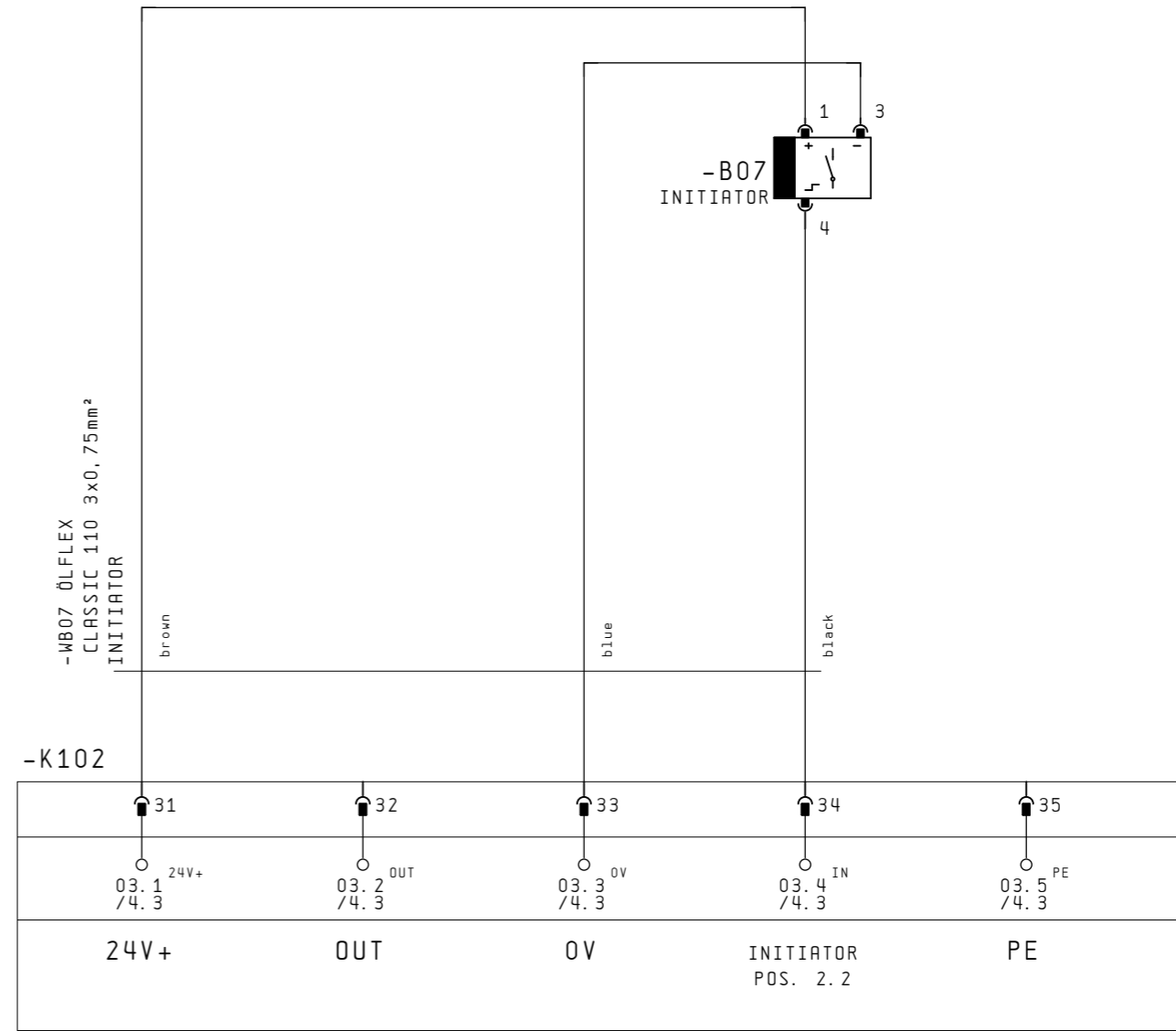
FTB 1CN-CANOPEN

| | | | | | | | | | | | |
|--------|------|-------|----------|--|----------------------|--------------|----------------|-------------|---------|--|-----|
| | | Date | 14.02.06 |  | DP CANopen OPTIMIZED | FTB IP67 I/O | Drawing number | | = WIRP5 | | |
| | | User. | HOE | | MP&A/AD&S | | 33003614 | | + COM5 | | |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | COM5 11 | | DCO |



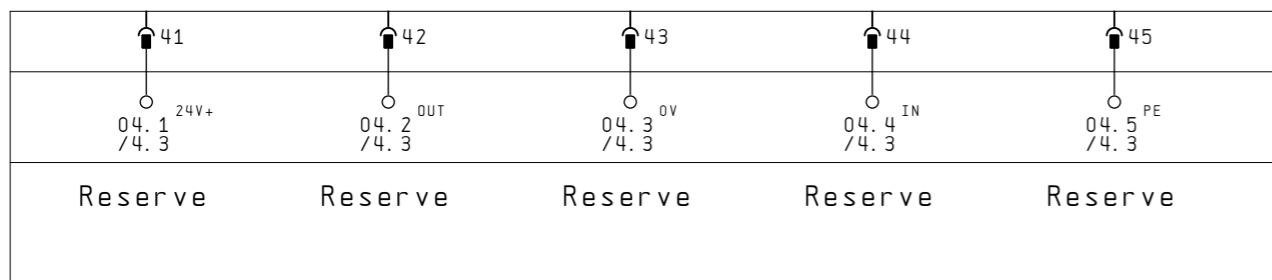


FTB 1CN-CANOPEN



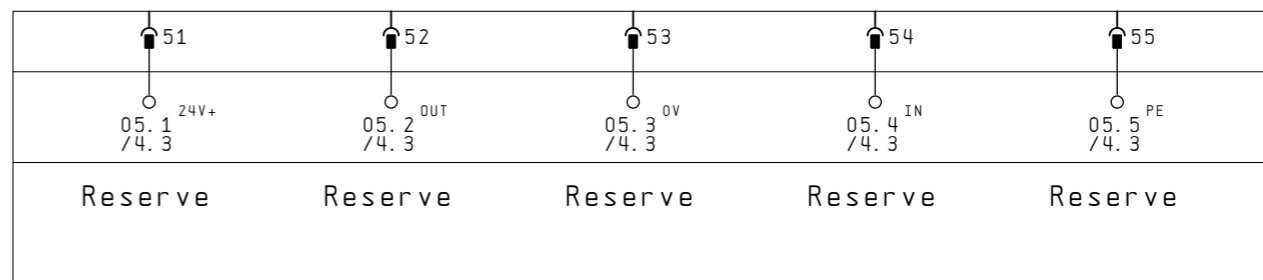
FTB 1CN-CANOPEN

-K102







FTB 1CN-CANOPEN

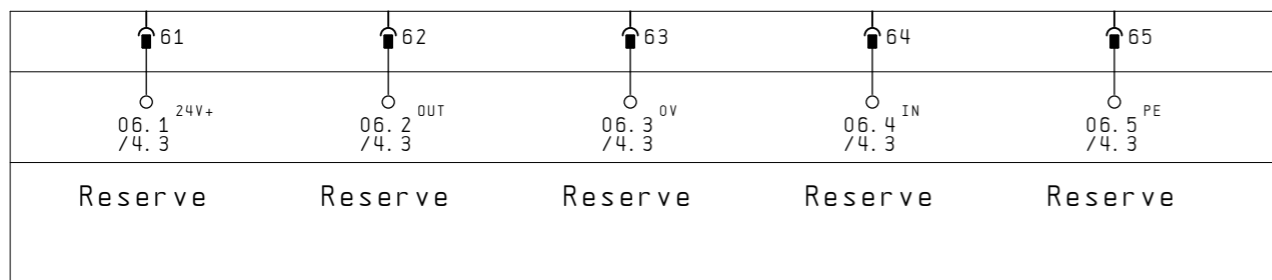
-K102



FTB 1CN-CANOPEN

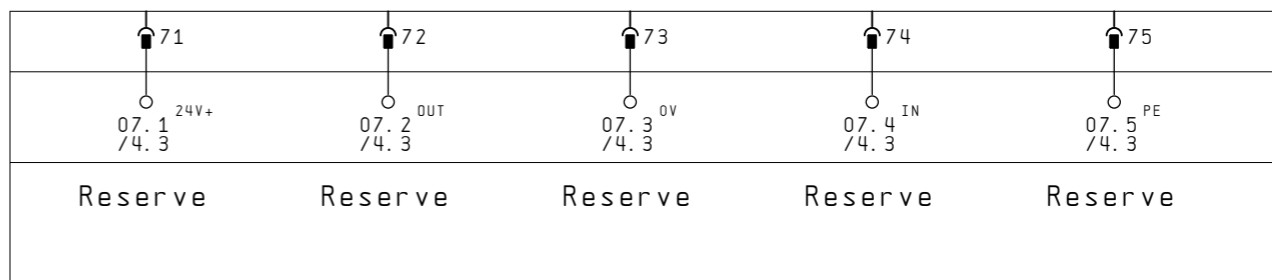
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|--------|------|-------|----------|---|--|----------------------|--------------|----------------|-------------|
| | | Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | FTB IP67 I/O | Drawing number | = WIRP5 |
| | | User. | HOE | | | MP&A/AD&S | | 33003614 | + COM5 |
| Change | Date | Name | Stand. | | | First. | | Created for | Created by. |
| | | | | | | | | Pa. | 14 |
| | | | | | | | | | 23 Bl. |

-K102




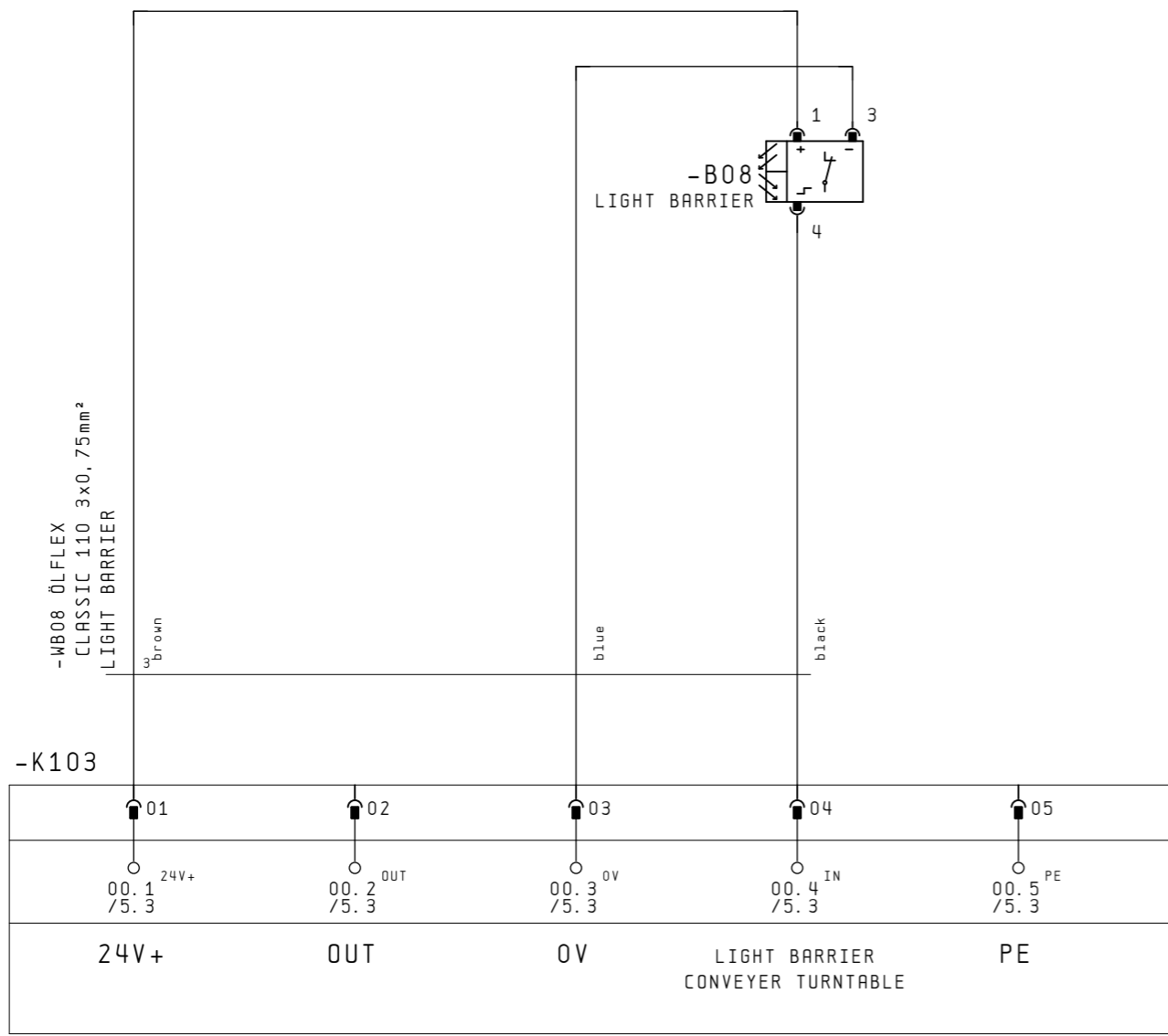
FTB 1CN-CANOPEN

-K102

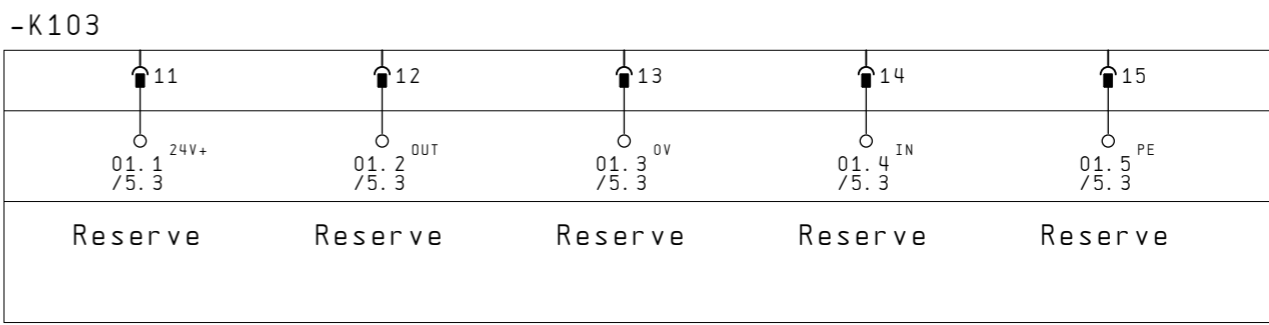


FTB 1CN-CANOPEN

| | | | | | | | | | | | | |
|--------|------|-------|----------|--|----------------------|--------------|----------------|-------------|---------|--|-----|--------|
| | | Date | 14.02.06 |  | DP CANopen OPTIMIZED | FTB IP67 I/O | Drawing number | | = WIRP5 | | | |
| | | User. | HOE | | MP&A/AD&S | | 33003614 | | + COM5 | | Pa. | 15 |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | COM5 15 | | DCO | 23 Bl. |

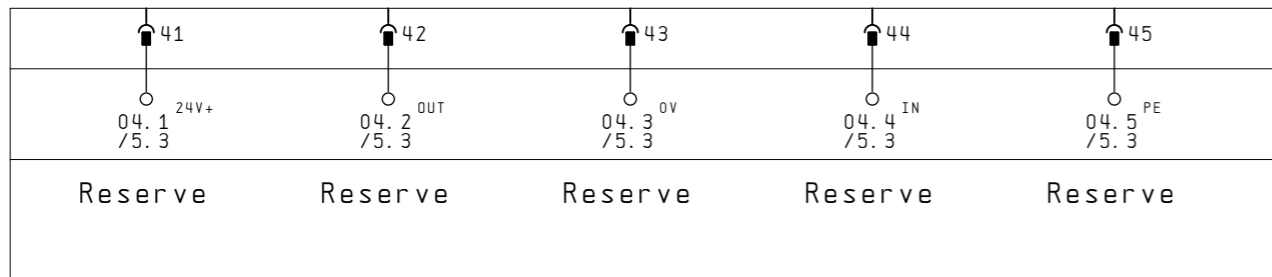


FTB 1CN-CANOPEN



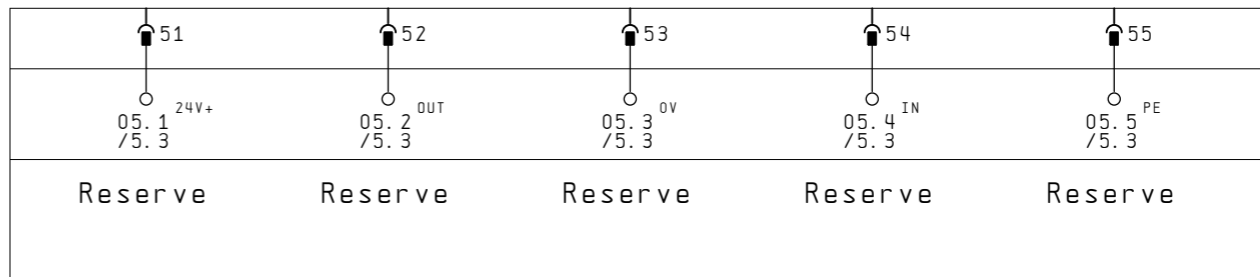
FTB 1CN-CANOPEN

-K103







FTB 1CN-CANOPEN

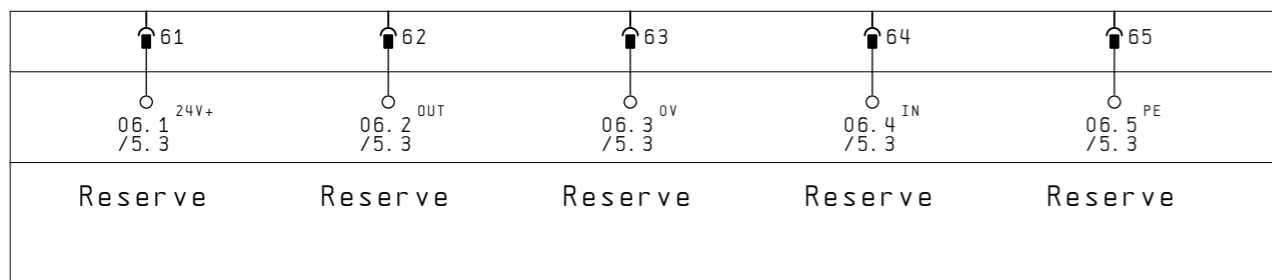
-K103



FTB 1CN-CANOPEN

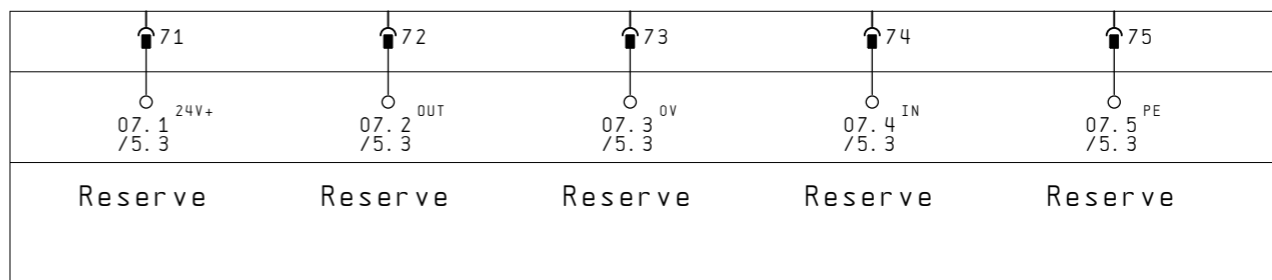
| | | | | | | | | | | | |
|--------|------|-------|----------|---|--|----------------------|--------------|----------------|-----|---------|--------|
| | | Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | FTB IP67 I/O | Drawing number | | = WIRP5 | |
| | | User. | HOE | | | 33003614 | | + COM5 | | | |
| Change | Date | Name | Stand. | | | COM5 18 | | DCO | Pa. | 18 | |
| | | | | First. | Created for | Created by. | | | | | 23 Bl. |

-K103







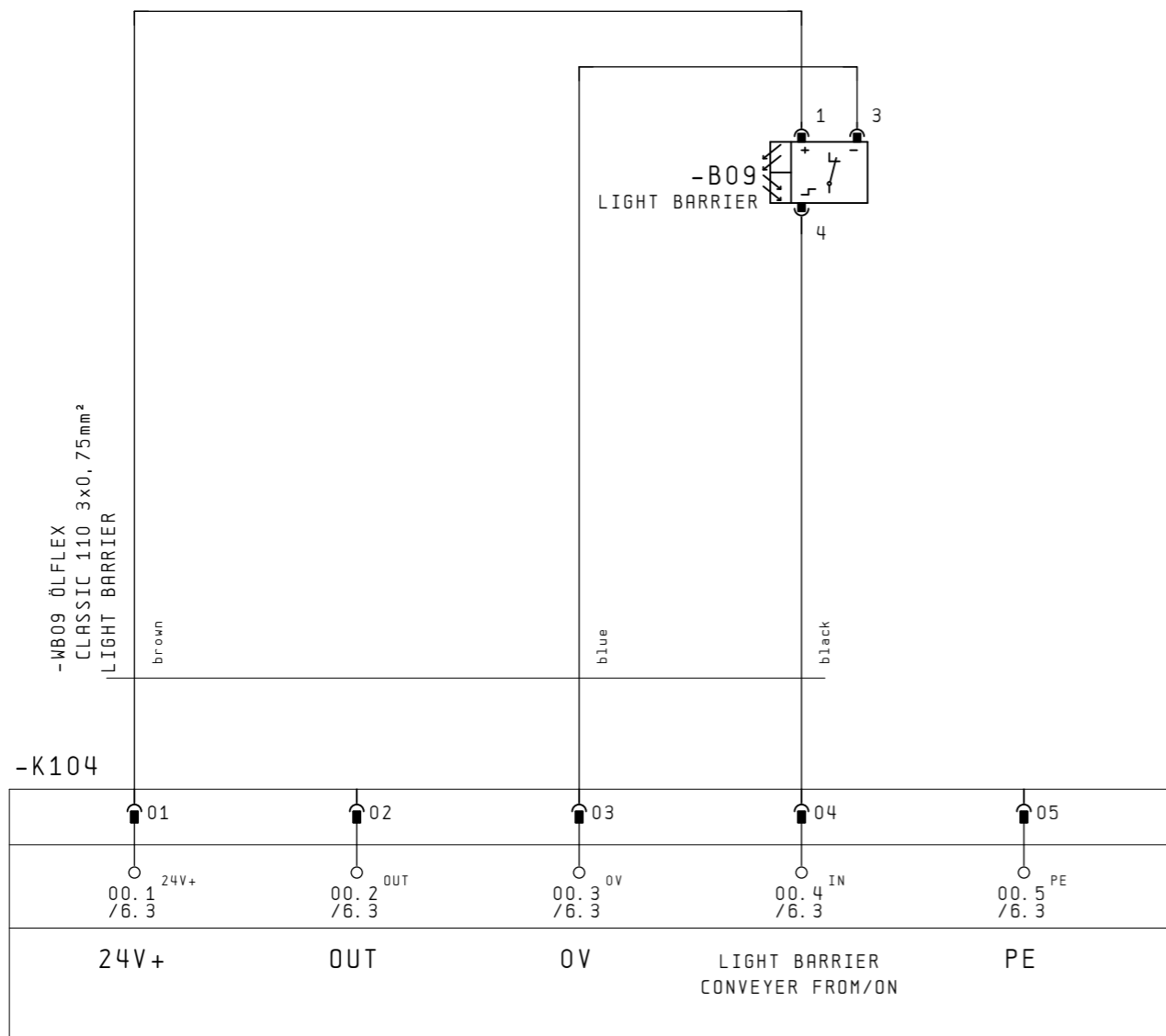
FTB 1CN-CANOPEN

-K103

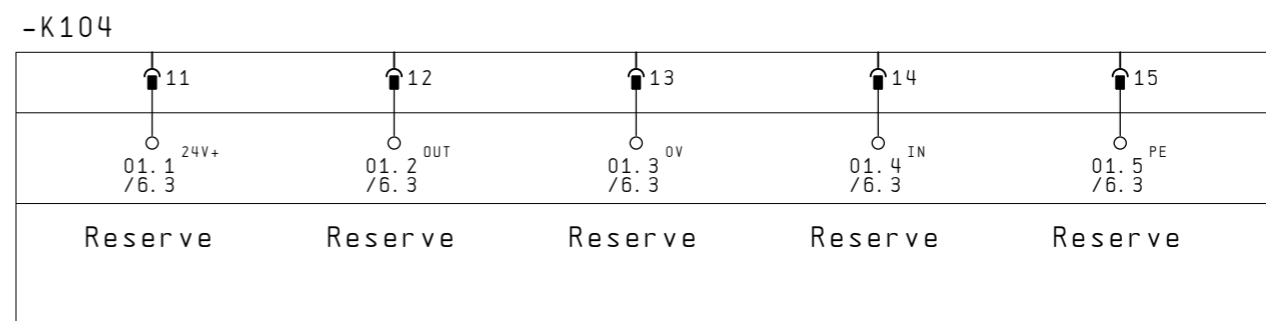


FTB 1CN-CANOPEN

| | | | | | | | | | | |
|--------|------|-------|----------|--|----------------------|--------------|----------------|-------------|---------|--|
| | | Date | 14.02.06 |     | DP CANopen OPTIMIZED | FTB IP67 I/O | Drawing number | | = WIRP5 | |
| | | User. | HOE | | MP&A/AD&S | | 33003614 | | + COM5 | |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | COM5 19 | |
| | | | | | | | DCO | | 23 Bl. | |

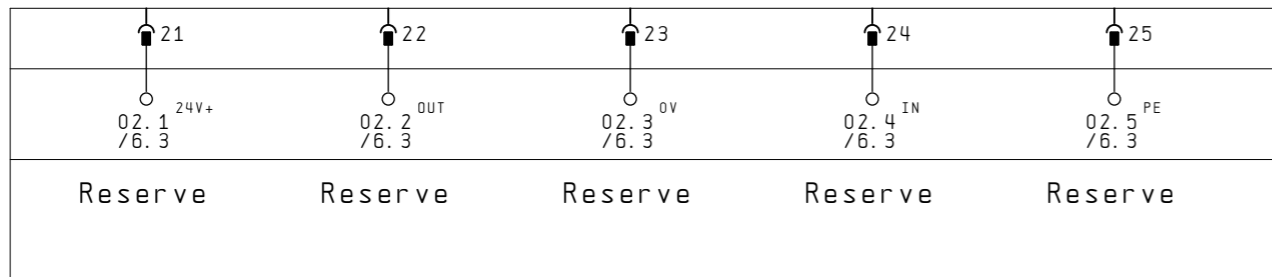


FTB 1CN-CANOPEN



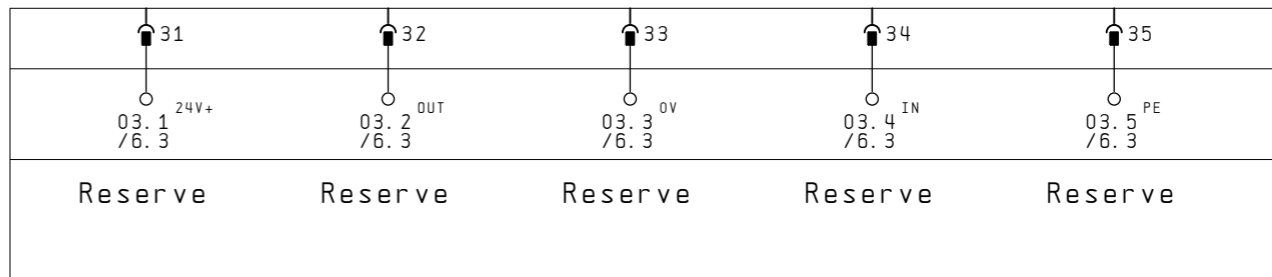
FTB 1CN-CANOPEN

-K104







FTB 1CN-CANOPEN

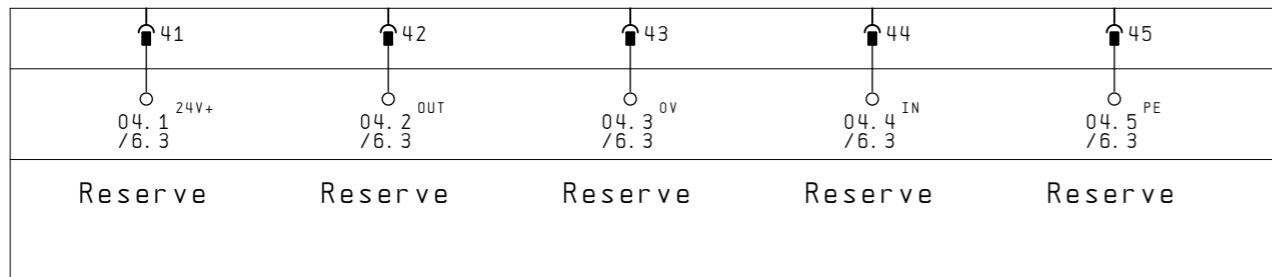
-K104



FTB 1CN-CANOPEN

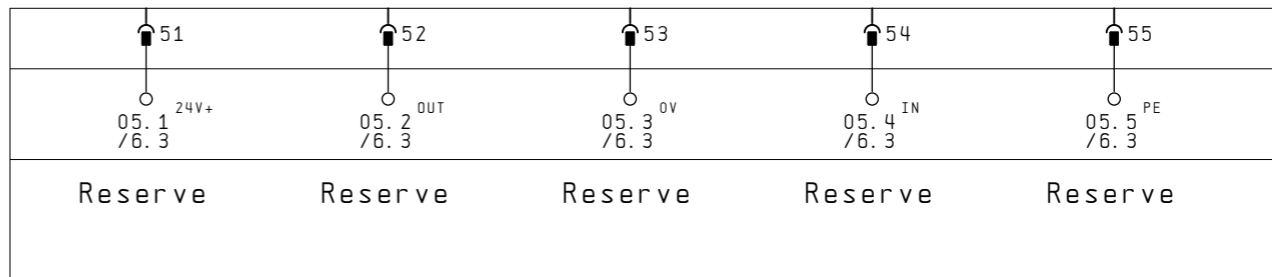
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|--------|------|-------|----------|---|--|----------------------|-----------------------|----------------|---------|
| | | Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | VOLTAGE SUPPLY PLC | Drawing number | = WIRP5 |
| | | User. | hoe | | | MP&A/AD&S | | 33003614 | + COM5 |
| Change | Date | Name | Stand. | | | First. | | COM5 21 | DCO |

-K104




FTB 1CN-CANOPEN

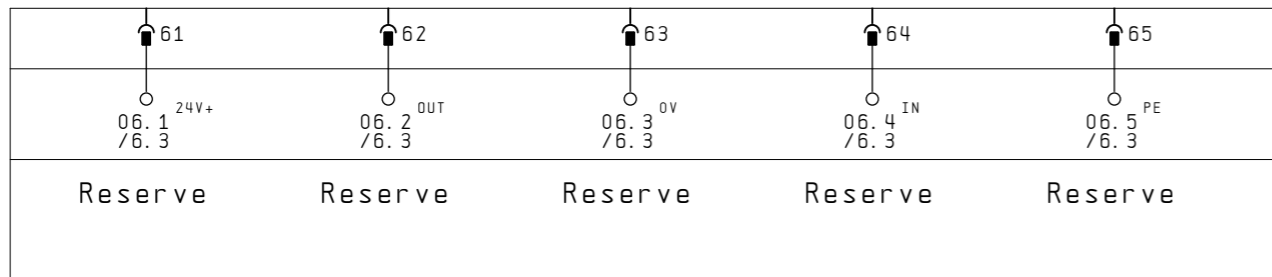
-K104



FTB 1CN-CANOPEN

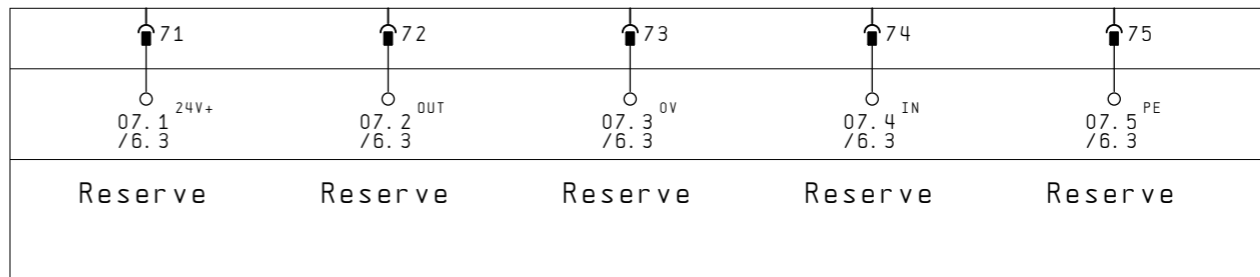
| | | | | | | | | | | | |
|--------|------|-------|----------|--|----------------------|--------------|----------------|-------------|---------|--|-----|
| | | Date | 14.02.06 |  | DP CANopen OPTIMIZED | FTB IP67 I/O | Drawing number | | = WIRP5 | | |
| | | User. | HOE | | MP&A/AD&S | | 33003614 | | + COM5 | | |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | COM5 22 | | DCO |

-K104




FTB 1CN-CANOPEN

-K104

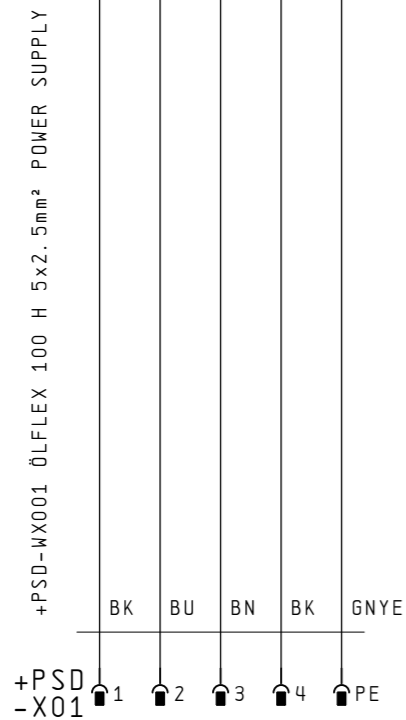


FTB 1CN-CANOPEN

| | | | | | | | | | | |
|--------|------|-------|----------|--|----------------------|--------------|----------------|-------------|---------|-----|
| | | Date | 14.02.06 |  | DP CANopen OPTIMIZED | FTB IP67 I/O | Drawing number | = WIRP5 | | |
| | | User. | H0E | | | | | 33003614 | + COM5 | |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | COM5 23 | DCO |

Terminal connection diagramm

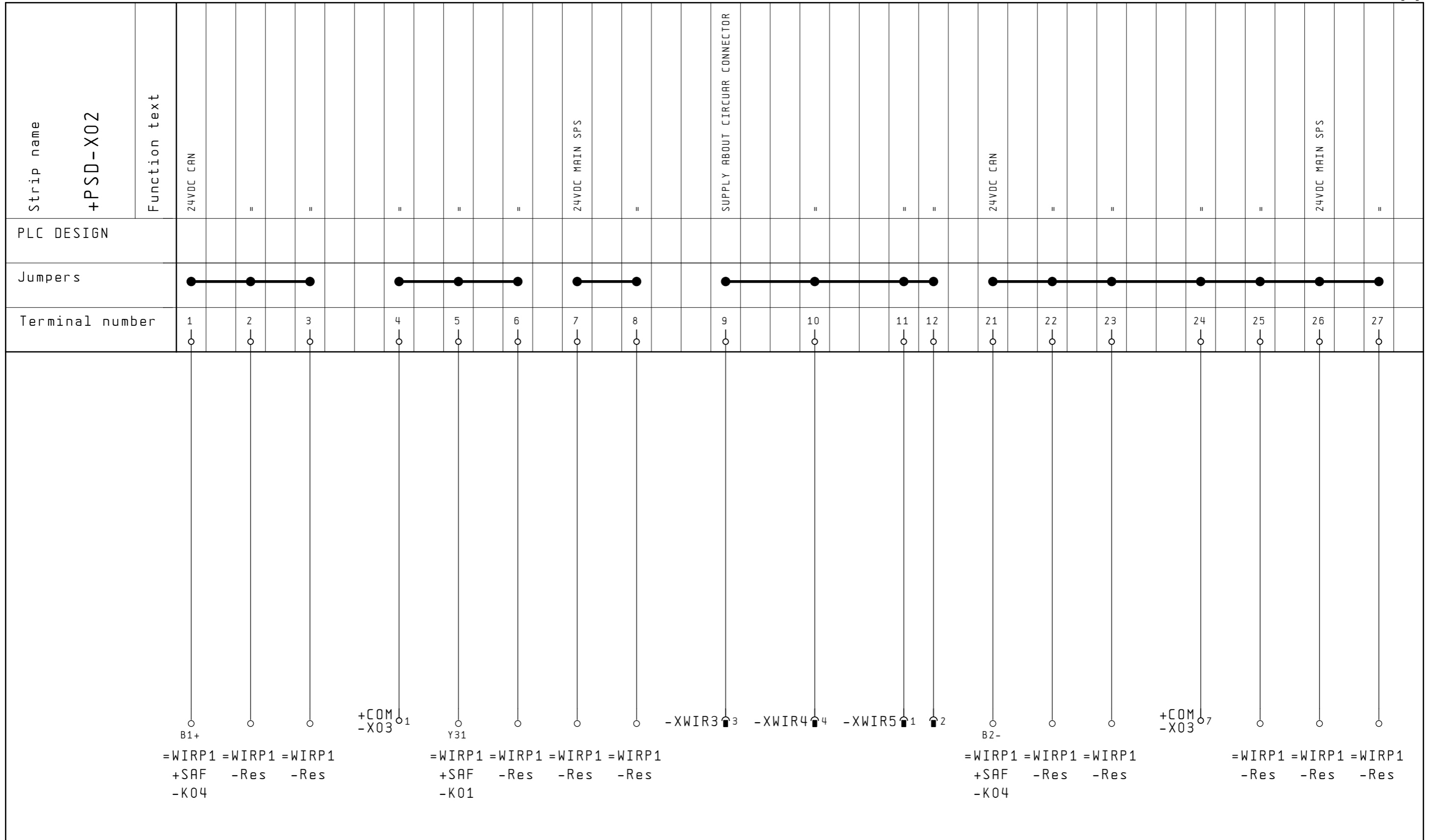
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|-----------------|--------|---------------|--|--------|---------|--|--|--|--|--|--|--|--|--|--|--|--|
| Strip name | +UV-X0 | Function text | POWER SUPPLY LOCAL FUSE MAX. 16A = = = | | | | | | | | | | | | | | |
| PLC DESIGN | | | | PE | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | |
| Terminal number | 1 ○ | 2 ○ | 3 ○ | N ○ | PE ○ | | | | | | | | | | | | |



| | | | | | | | | | |
|--------|------|--------|----------|---|----------------------|-------------|----------------|----------|--------|
| | | Date | 14.02.06 | <p>Merlin Gerin Square D Telemecanique</p> | DP CANopen OPTIMIZED | ON SITE | Drawing number | = DECP | |
| | | User. | SEG | | | | | | |
| | | Check. | | | | MP&A/AD&S | | 33003614 | + |
| Change | Date | Name | Stand. | First. | Created for | Created by. | 1 | DCO | 51 Bl. |

Terminal connection diagramm

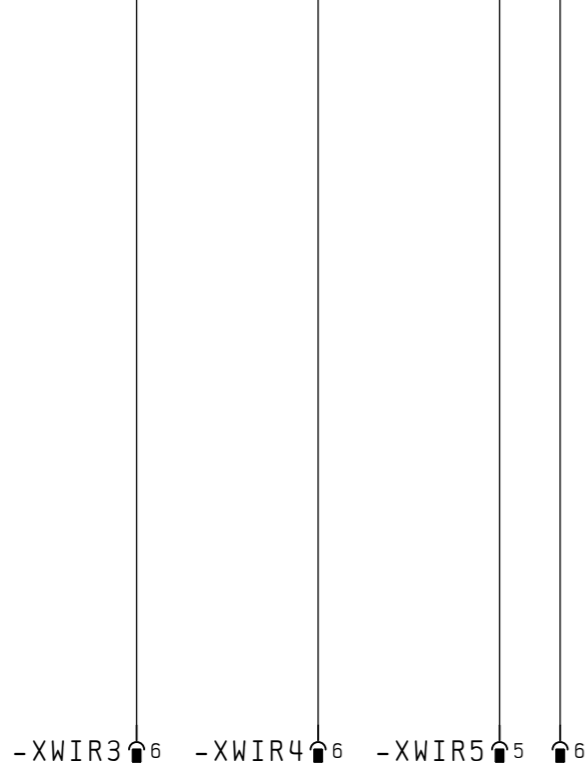
SCHNEIDER_KL_1



Terminal connection diagramm

SCHNEIDER_KL_1

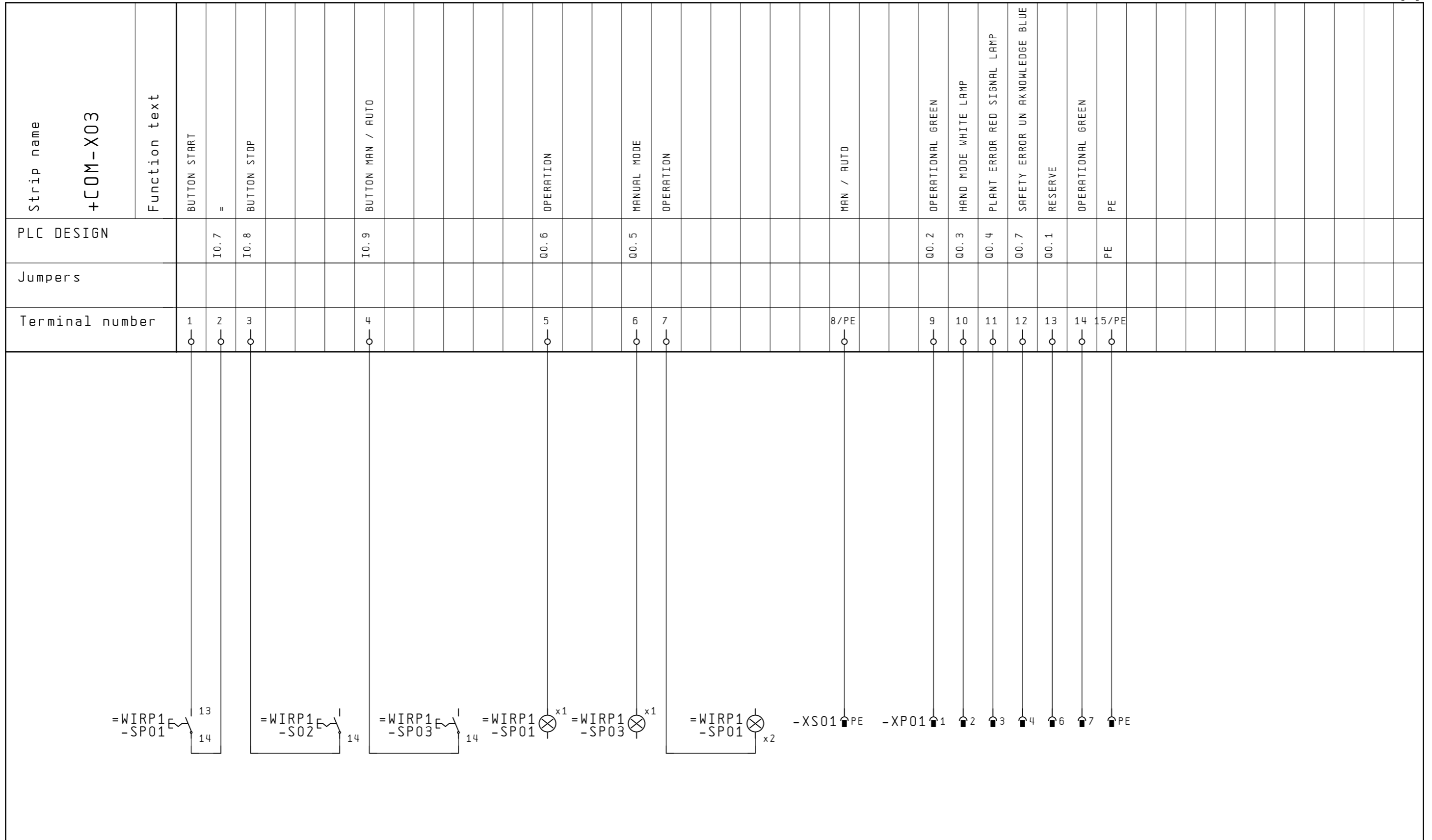
| Strip name | Function text | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|-----------------|--------------------------------|----|----|----|---|---|---|---|---|---|
| +PSD-X02 | SUPPLY ABOUT CIRCUAR CONNECTOR | | = | | = | = | | | | |
| PLC DESIGN | | | | | | | | | | |
| Jumpers | ●————●————●————● | | | | | | | | | |
| Terminal number | 28 | 29 | 30 | 31 | | | | | | |



| | | | | | | | | | |
|--------|------|------|--------|-------------|-------------|-----------------------------------|---------|----------------|--------|
| Change | Date | Name | Date | 14.02.06 | | DP CANopen OPTIMIZED MP&A/AD&S | CONTROL | Drawing number | = DECP |
| | | | Stand. | SEG | | | | 33003614 | + |
| | | | First. | Created for | | | | 3 | Pa. 3 |
| | | | | | Created by. | | | DCO | 51 Bl. |

Terminal connection diagramm

SCHNEIDER_KL_1



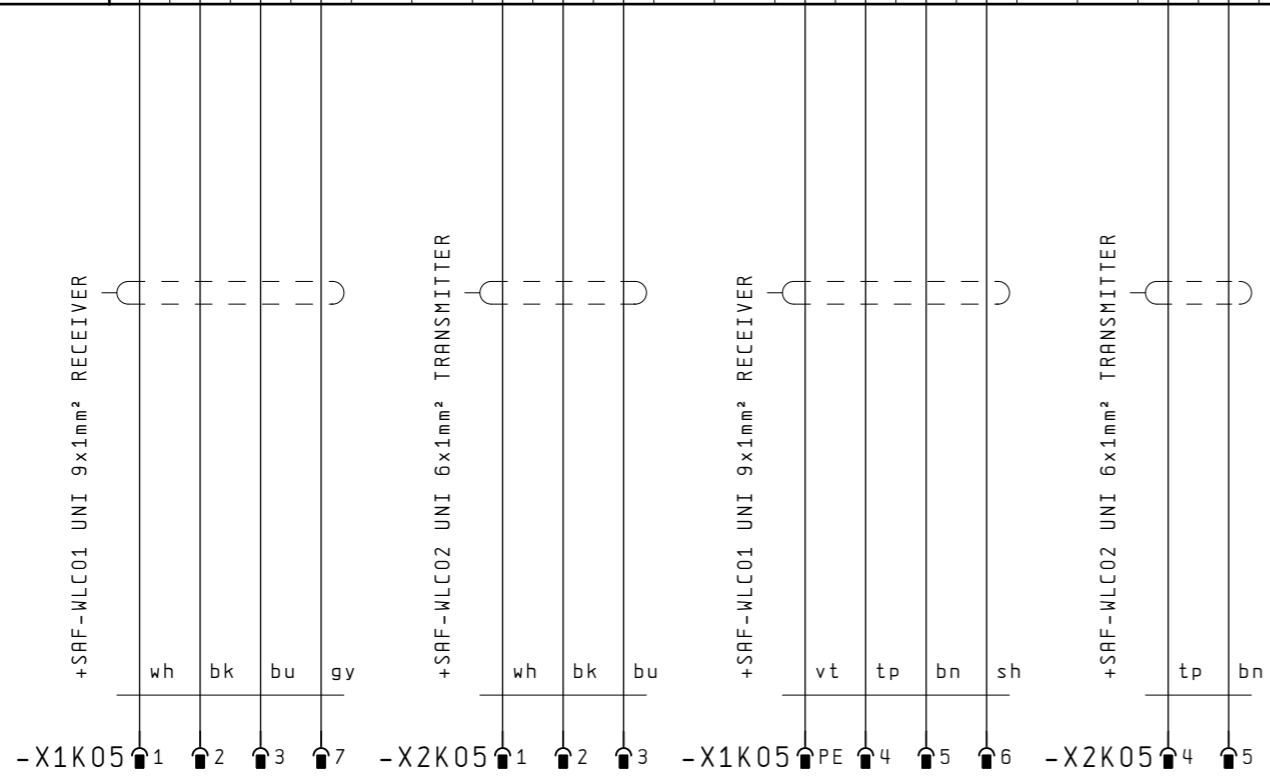
3

5

Terminal connection diagramm

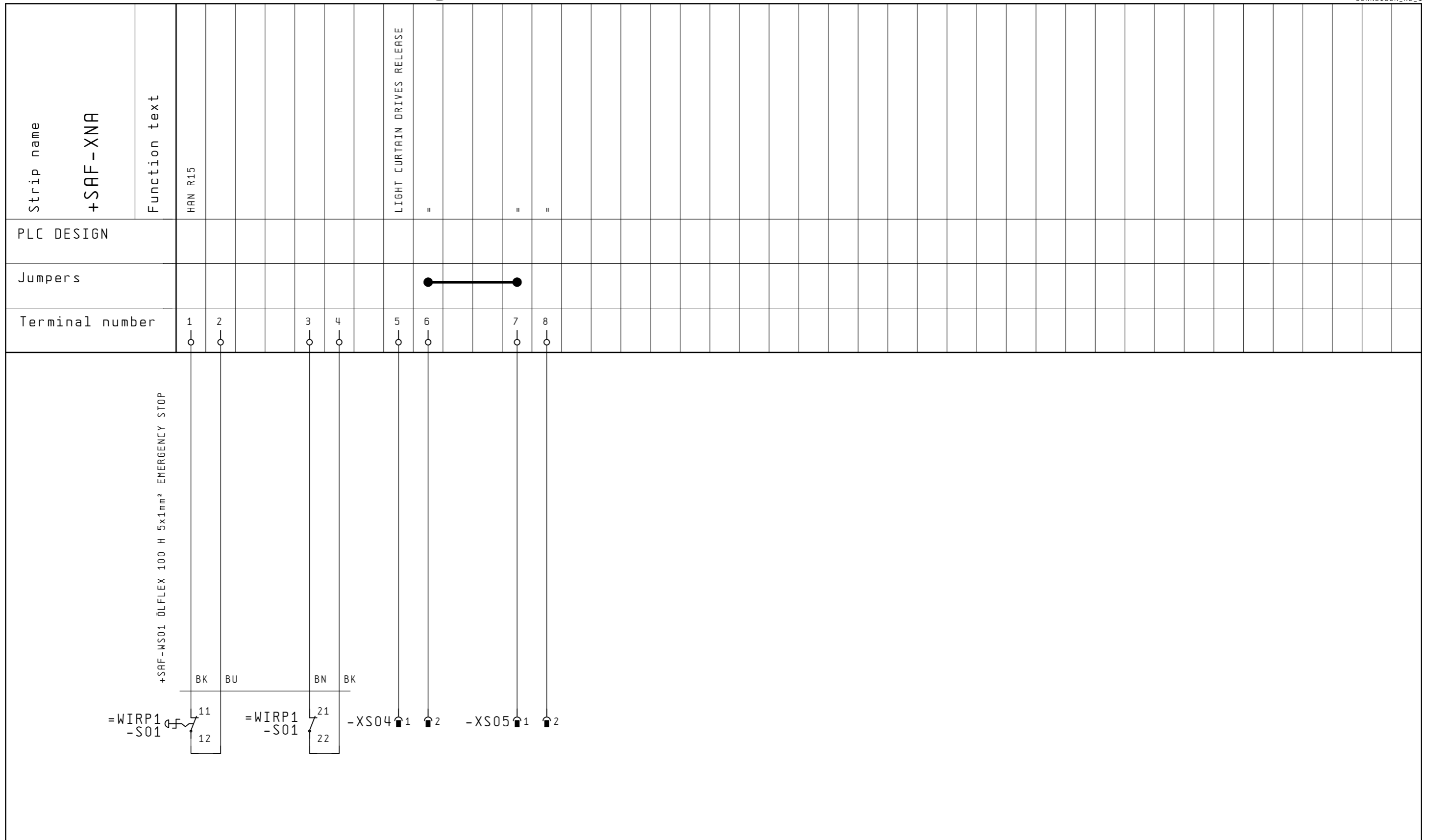
SCHNEIDER_KL_1

| | | | | | | | | | | | | | | | |
|-----------------|---------------|---|---|-------------------|---|---|---|---------------|---|----|----|----|-------------------|----|-------|
| Strip name | +SAF-XLC | | | | | | | | | | | | | | |
| Function text | LIGHT CURTAIN | = | = | LIGHT CURTAIN AUX | = | = | = | LIGHT CURTAIN | = | = | = | = | LIGHT CURTAIN AUX | = | = |
| PLC DESIGN | | | | I0.3 | | | | SH | | | | | | | SH |
| Jumpers | | | | | | ● | ● | | ● | ● | ● | ● | ● | ● | ● |
| Terminal number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8/SH | 9 | 10 | 11 | 12 | 13 | 14 | 15/SH |



Terminal connection diagramm

SCHNEIDER_KL_1



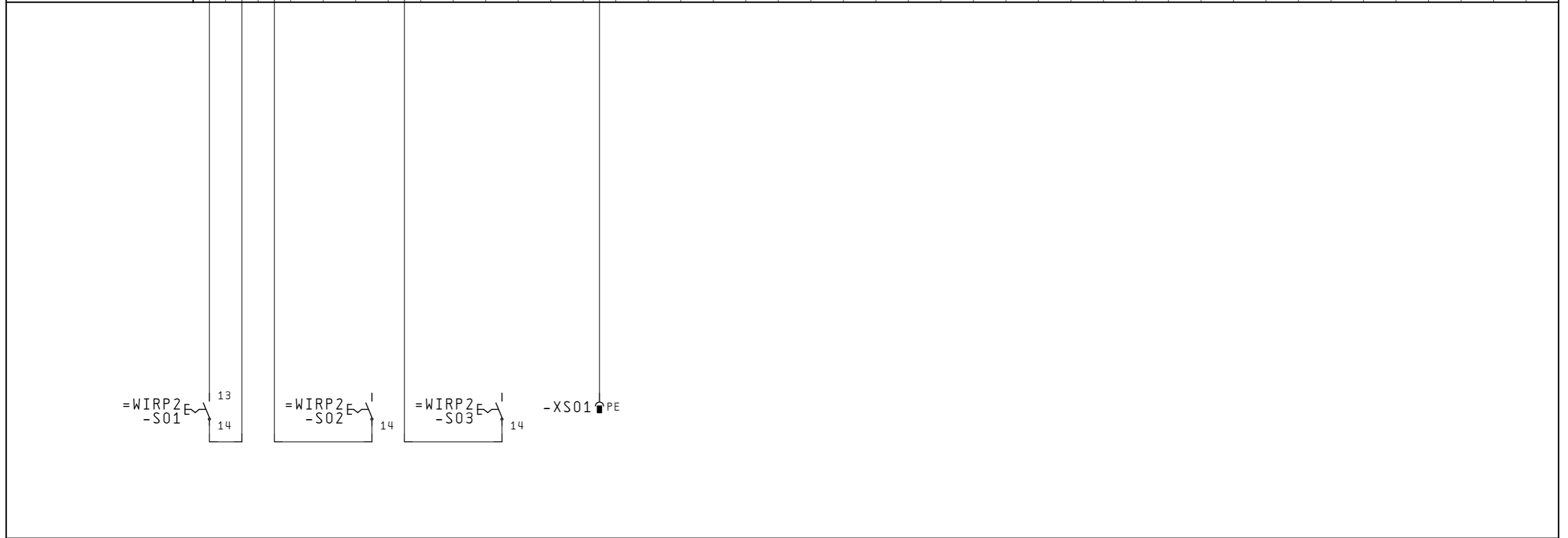
5

7

Terminal connection diagramm

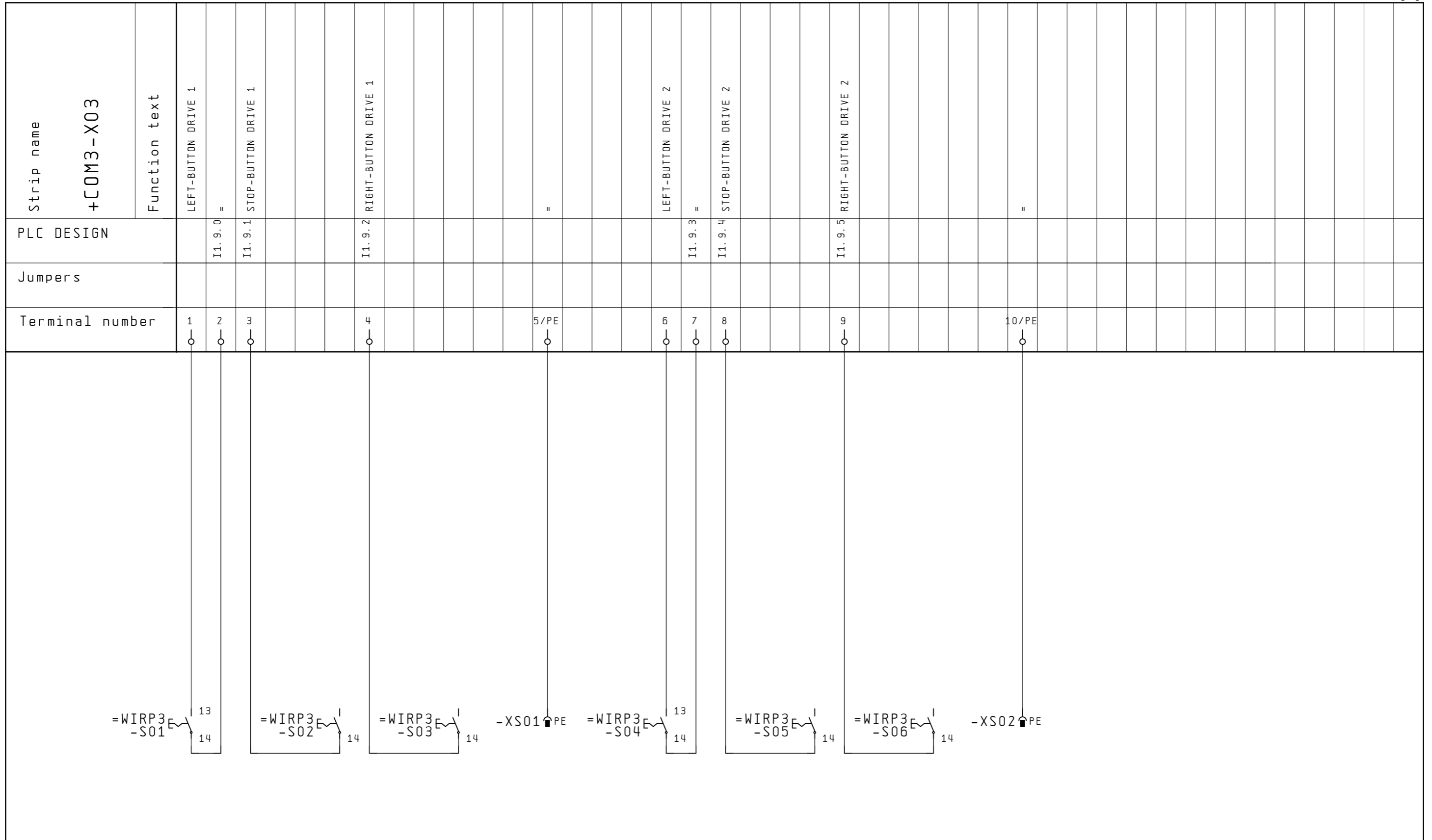
SCHNEIDER_KL_1

| Strip name | Function text | Terminal number |
|------------|-----------------------------|-----------------|
| +COM2-X03 | LEFT-BUTTON DRIVE 1 | 1 |
| | I1.8.0 = | 2 |
| | I1.8.1 STOP-BUTTON DRIVE 1 | 3 |
| | I1.8.2 RIGHT-BUTTON DRIVE 1 | 4 |
| | = | 5/PE |



Terminal connection diagramm

SCHNEIDER_KL_1




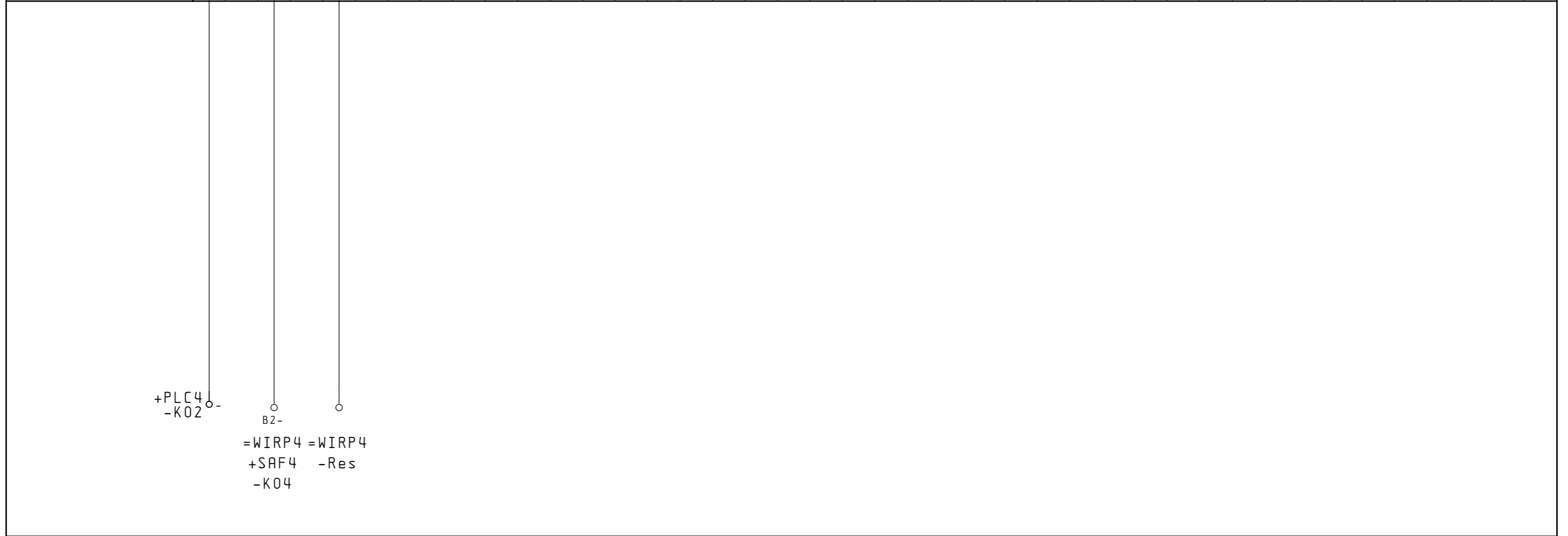
7



9

Terminal connection diagramm

SCHNEIDER_KL_1

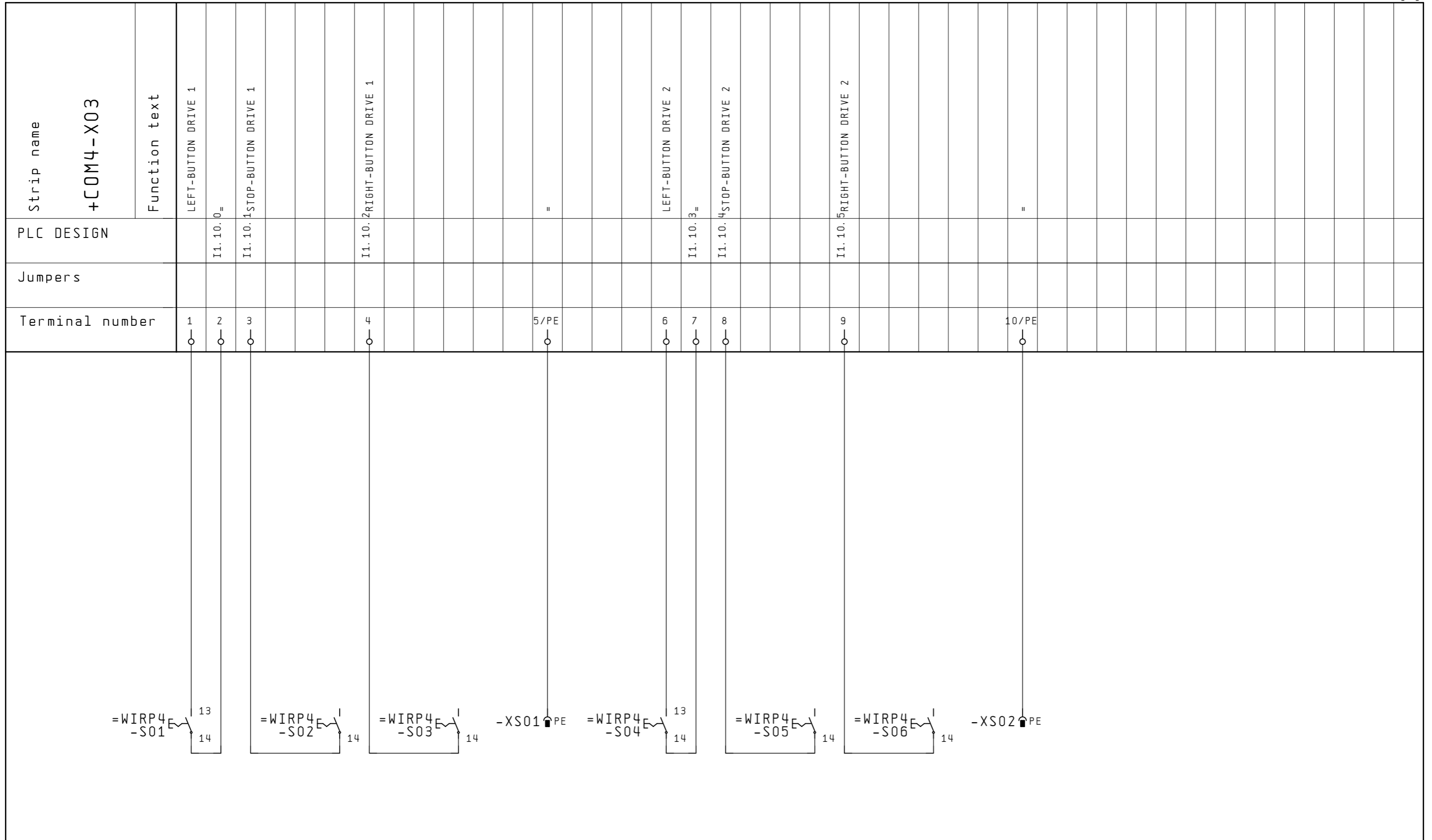
| Strip name +PSD4-XWIRP4 | Function text SUPPLY ABOUT CIRCUAR CONNECTOR | | = | = | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| PLC DESIGN | | | | | | | | | | | | | | | | | | | |
| Jumpers |  | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 | 2 | 3 | | | | | | | | | | | | | | | | |



| | | | | | | | | | | | | | | |
|--------|------|----------|--------|--|----------------------|--|--|-------------|--|--|----------------|--|--------|--|
| Date | | 14.02.06 | |   | DP CANopen OPTIMIZED | | | TERMINAL OV | | | Drawing number | | = DECP | |
| User. | | SEG | | | MP&A/AD&S | | | | | | 33003614 | | + | |
| Check. | | | | | Created for | | | Created by. | | | 9 | | Pa. 9 | |
| Change | Date | Name | Stand. | First. | | | | | | | DCO | | 51 Bl. | |

Terminal connection diagramm

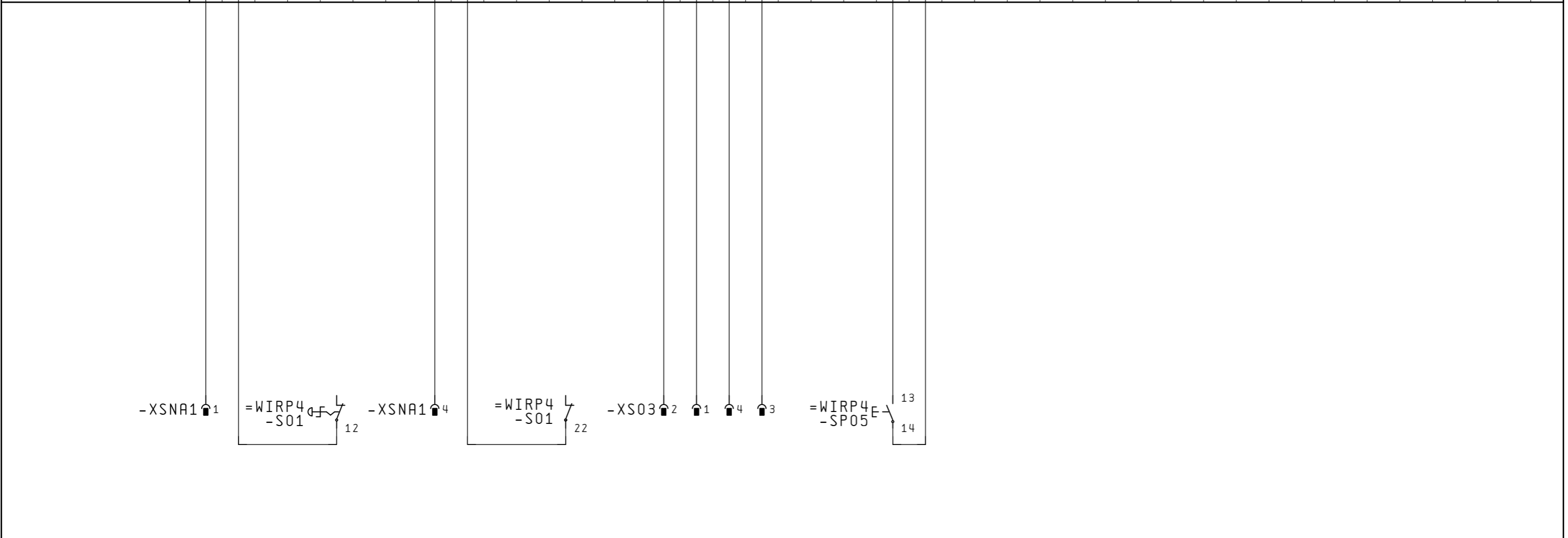
SCHNEIDER_KL_1



Terminal connection diagramm

SCHNEIDER_KL_1

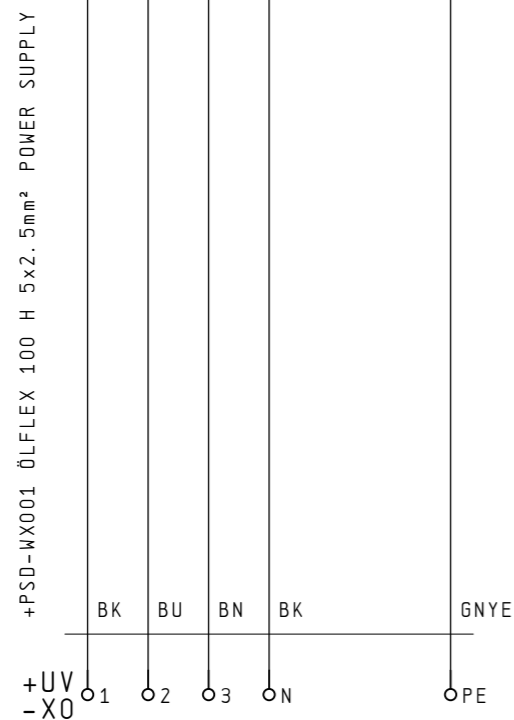
| Strip name | Function text | Terminal number |
|------------|---------------|-----------------------------------|
| +SAF4-XNA | HAN R15 | 1, 2, 3, 4, 9, 10, 11, 12, 13, 14 |
| PLC DESIGN | | |
| Jumpers | | |



Terminal connection diagramm

SCHNEIDER_KL_1

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---------------|---|---|---|---|---|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Strip name +PSD-X01 | Function text | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | PE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 | 2 | 3 | 4 | 5 | 6 | PE | | | | | | | | | | | | | | | | | | | | |



Terminal connection diagramm

SCHNEIDER_KL_1

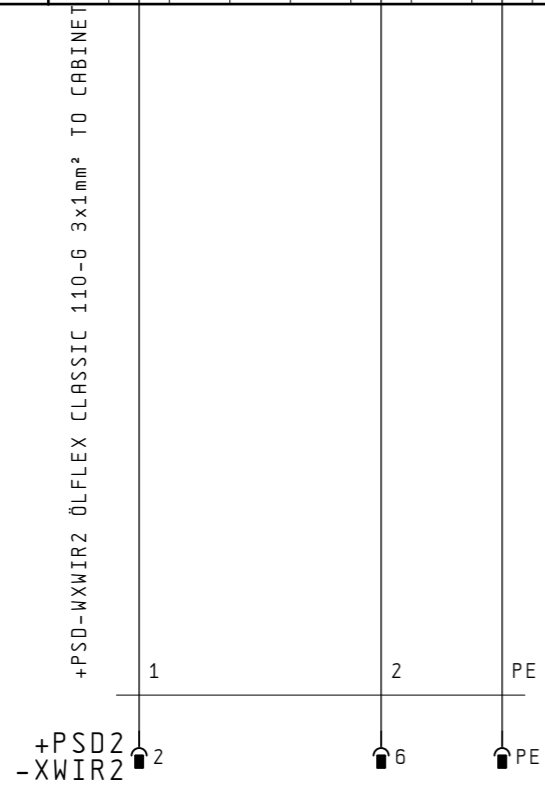
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Strip name | +PSD-XWIR1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Function text | HANG CABINET +H4 SOFT STARTER = = CABINET +H4 SOFT STARTER | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | PE | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 2 3 4 5 6 PE | | | | | | | | | | | | | | | | | | | | | | | | | |



Terminal connection diagramm

SCHNEIDER_KL_1

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------------|---|---------------|---|---------|---|--------------------------------|----|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Strip name | +PSD-XWIR2 | | Function text | | HAN R15 | | SUPPLY ABOUT CIRCUAR CONNECTOR | | SUPPLY ABOUT CIRCUAR CONNECTOR | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | | | PE | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | PE | | | | | | | | | | | | | | | | | | | | |



Terminal connection diagramm

SCHNEIDER_KL_1

| Strip name | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---------------|--|---------|---|--------------------------------|---|--------------------------------|---|---|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| +PSD-XWIR4 | Function text | | HAN R15 | | SUPPLY ABOUT CIRCUAR CONNECTOR | | SUPPLY ABOUT CIRCUAR CONNECTOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | | PE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | PE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

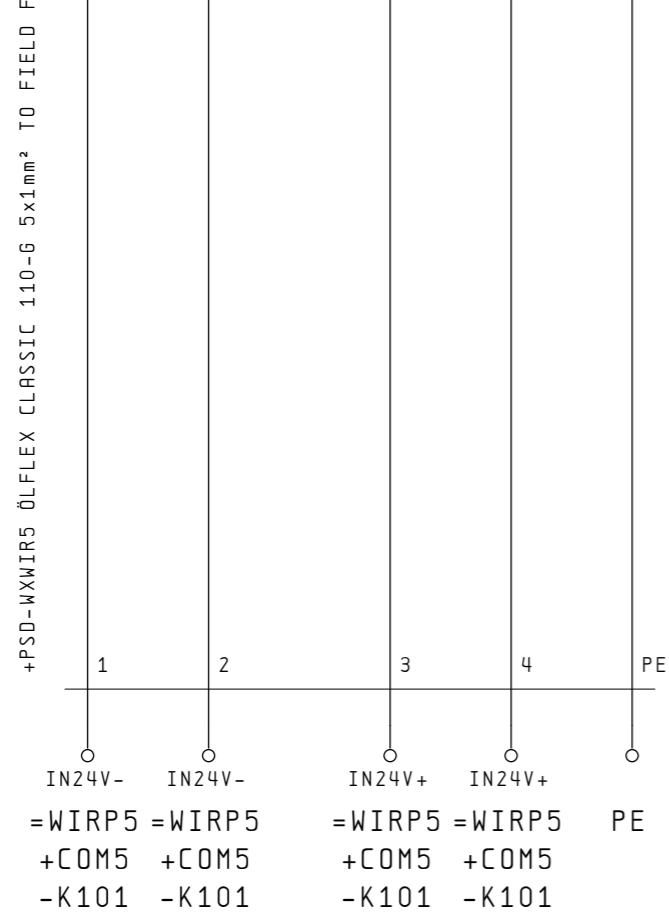


| | | | | | | | | | | | | | | | | |
|--------|------|------|--------|--------|----------|----------|--------------------|----------------------|--|--------------------|----------------|--|--------|--|--------|----|
| | | | | Date | 14.02.06 | | Schneider Electric | DP CANopen OPTIMIZED | | POWER SUPPLY WIRP4 | Drawing number | | = DECP | | | |
| | | | | User. | SEG | | | MP&A/AD&S | | | 33003614 | | + | | Pa. | 16 |
| | | | | Check. | | | | Created for | | | 16 | | DCO | | 51 Bl. | |
| Change | Date | Name | Stand. | First. | | | Created by. | | | | | | | | | |

Terminal connection diagramm

SCHNEIDER_KL_1

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--|---|---|---|---|---|---|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Strip name | +PSD-XWIR5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Function text | HAN R15 SUPPLY ABOUT CIRCUAR CONNECTOR HAN R15 SUPPLY ABOUT CIRCUAR CONNECTOR SUPPLY ABOUT CIRCUAR CONNECTOR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | PE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | PE | | | | | | | | | | | | | | | | | | | |

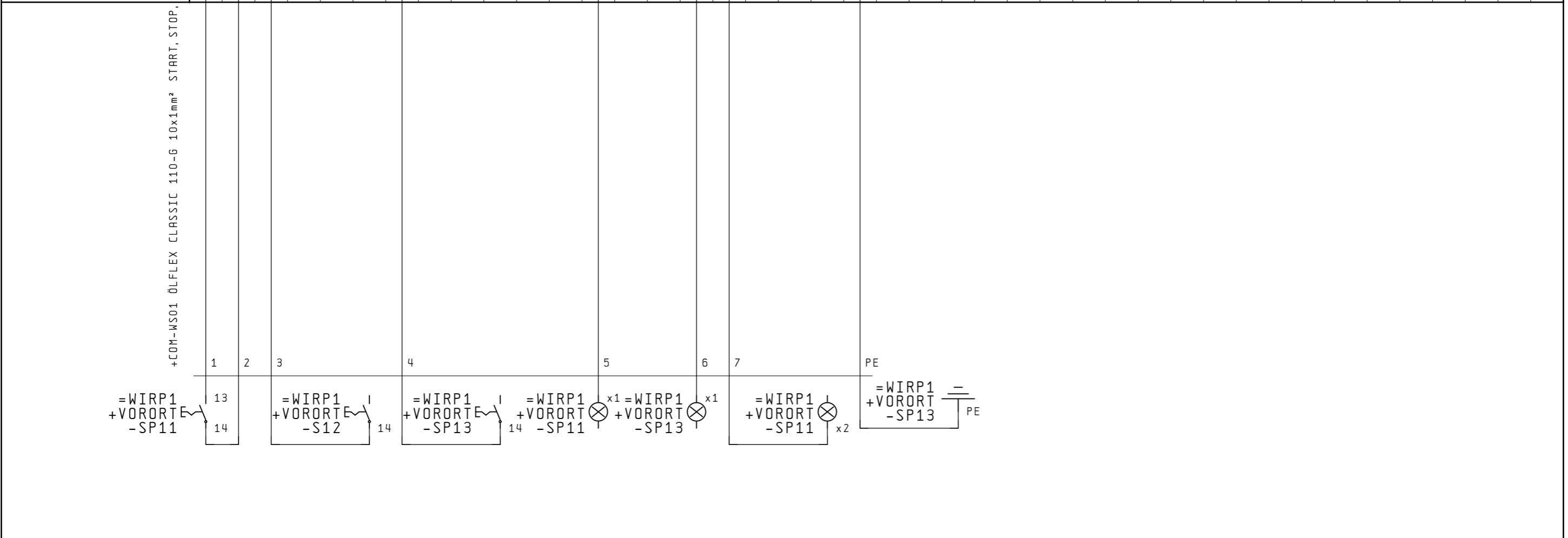


| | | | | | | | | |
|--------|----------|------|--------|----------------------|--------------------|----------------|--------|--------|
| Date | 14.02.06 | | | DP CANopen OPTIMIZED | POWER SUPPLY WIRP5 | Drawing number | = DECP | |
| User. | SEG | | | MP&A/AD&S | | 33003614 | + | |
| Check. | | | | Created by. | | | Pa. 17 | |
| Change | Date | Name | Stand. | First. | Created for | 17 | DCO | 51 Bl. |

Terminal connection diagramm

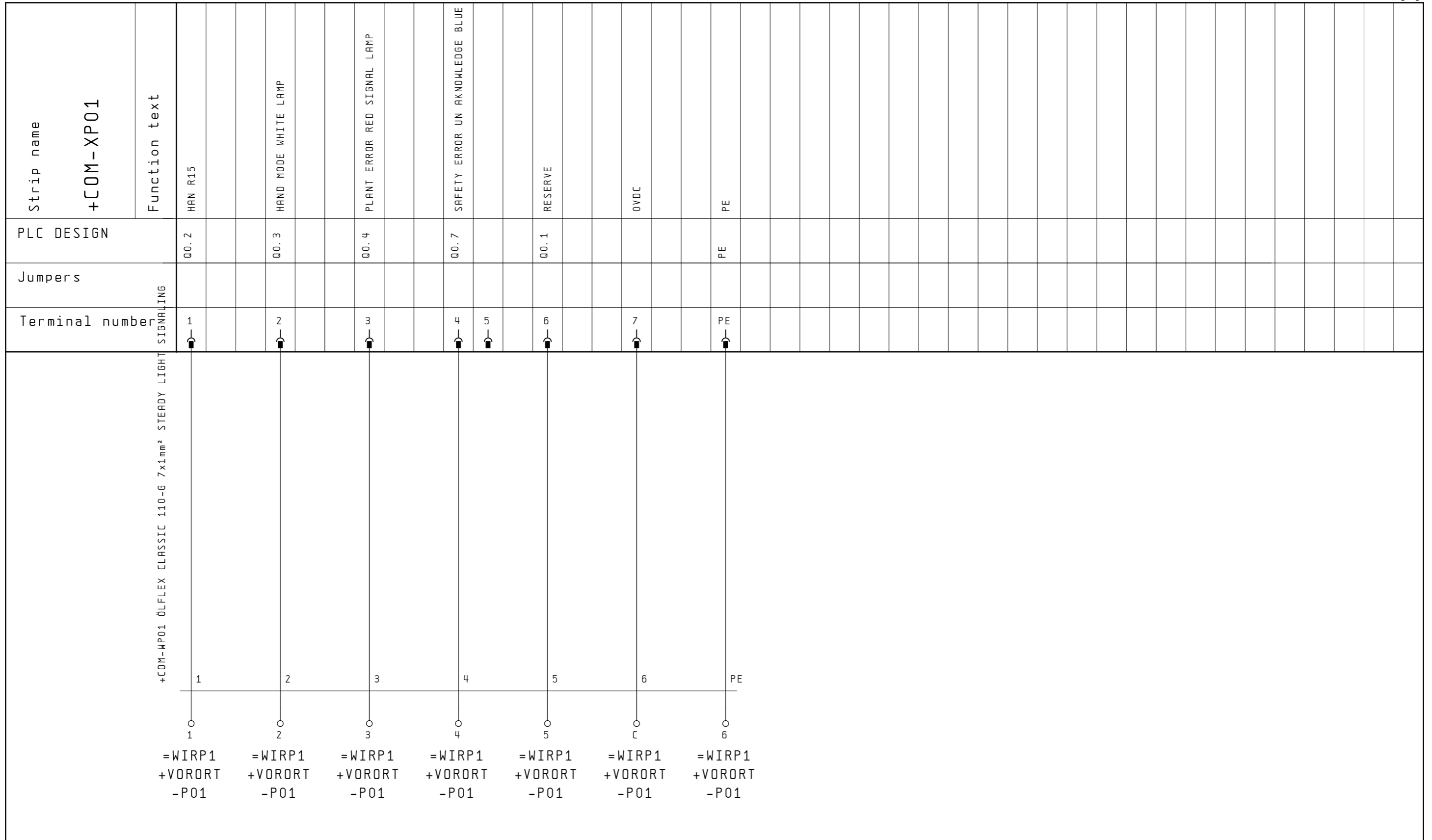
SCHNEIDER_KL_1

| Strip name | Function text | Terminal number |
|------------|---------------|-----------------|
| +COM-XS01 | HAN R15 | 1 |
| | START | 2 |
| | STOP | 3 |
| | MAN / AUTO | 4 |
| | OPERATION | 5 |
| | MANUAL MODE | 6 |
| | OPERATION | 7 |
| PLC DESIGN | | PE |
| Jumpers | | |



Terminal connection diagram

SCHNEIDER_KL_1



Terminal connection diagramm

SCHNEIDER_KL_1

| | | | | | | | | | | | | | | | | | | | | |
|-----------------|-----------|---------------|------|---------|---|---------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Strip name | +MOV-XM02 | Function text | HANG | DRIVE 2 | = | DRIVE 2 | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | PE | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 | 2 | 3 | 4 | 5 | 6 | PE | | | | | | | | | | | | | |



| | | | | | | | | | | | | |
|--------|------|------|--------|--------|----------|----------|-------------|----------------------|-------------|----------|--------|--------|
| Change | Date | Name | Stand. | Date | 14.02.06 | | Created for | DP CANopen OPTIMIZED | Created by. | MOTOR2 | = DECP | + |
| | | | | User. | SEG | | | Drawing number | | 33003614 | | |
| | | | | Check. | | | | Pa. | | 22 | | |
| | | | | First. | | | Created for | | | | DCO | 51 Bl. |

Terminal connection diagramm

SCHNEIDER_KL_1

| | | | | | | | | | | | | | | | | | | | | | |
|-----------------|-------------|----------|---|---|---|---|----|--|--|--|--|--|--|--|--|--|--|--|--|----|--|
| Strip name | +MOV - XM03 | | | | | | | | | | | | | | | | | | | | |
| Function text | HANG | DRIVE 3' | = | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | | | | | | | | | | | | | | | PE | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 | 2 | 3 | 4 | 5 | 6 | PE | | | | | | | | | | | | | | |



| | | | | | | | | |
|--------|------------|------|--------------------------------|----------------|-------------|-------------|-----|--------|
| Date | 14. 02. 06 | | DP CANopen OPTIMIZED MOTOR3 | Drawing number | = DECP | | | |
| User. | SEG | | | 33003614 | + | | | |
| Check. | | | | 23 | Pa. 23 | | | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | DCO | 51 Bl. |

Terminal connection diagramm

SCHNEIDER_KL_1

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------------|---|---|---|---|---|---|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Strip name | +SAF-XSNA1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Function text | HAN R15 | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | PE | | | | | | | | | | | | | | | | | |

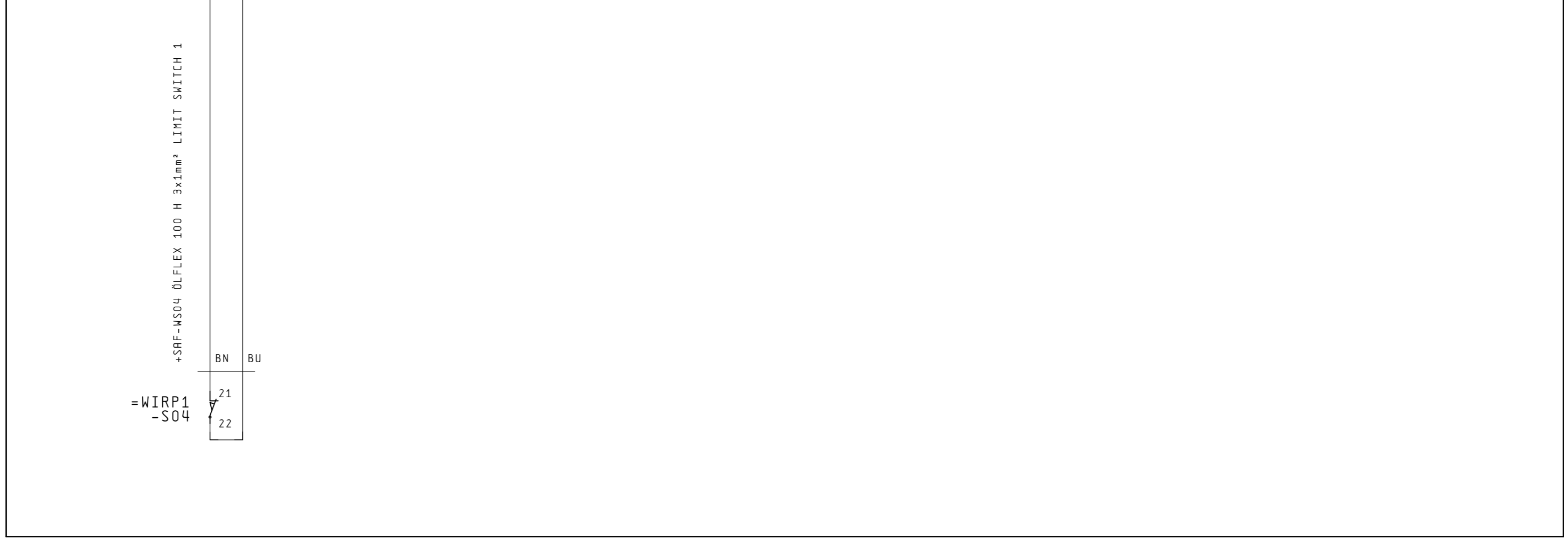


| | | | | | | | | | | |
|--------|------|-------|----------|--|----------------------|----------------------|----------------|-------------|--------|--|
| | | Date | 14.02.06 | | DP CANopen OPTIMIZED | EMERGENCY STOP WIRP4 | Drawing number | | = DECP | |
| | | User. | SEG | | MP&A/AD&S | | 33003614 | | + | |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | 25 | |
| | | | | | | | DCO | | 51 Bl. | |

Terminal connection diagramm

SCHNEIDER_KL_1

| | | | | | | | | |
|-----------------|------------------------------|---|---|---|---|---|---|----|
| Strip name | +SAF-XS04 | | | | | | | |
| Function text | LIGHT CURTAIN DRIVES RELEASE | | | | | | | |
| PLC DESIGN | | | | | | | | |
| Jumpers | | | | | | | | |
| Terminal number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | PE |



25

27

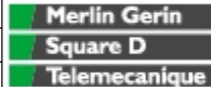

| | | | | | | | | |
|--------|----------|---------------|----------------------|--------|--------------|----|----------------|--------|
| Date | 14.02.06 | Merlin Gerin | DP CANopen OPTIMIZED | | LIMIT SWITCH | | Drawing number | = DECP |
| User. | SEG | Square D | MP&A/AD&S | | | | 33003614 | + |
| Check. | | Telemecanique | Created for | | | | 26 | Pa. |
| Change | Date | Name | Stand. | First. | Created by. | 26 | DCO | 51 Bl. |

Terminal connection diagramm

SCHNEIDER_KL_1

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------------------------------|---|---|---|---|---|---|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Strip name | +SAF-XS05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Function text | LIGHT CURTAIN DRIVES RELEASE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | PE | | | | | | | | | | | | | | | | | | | | | | |

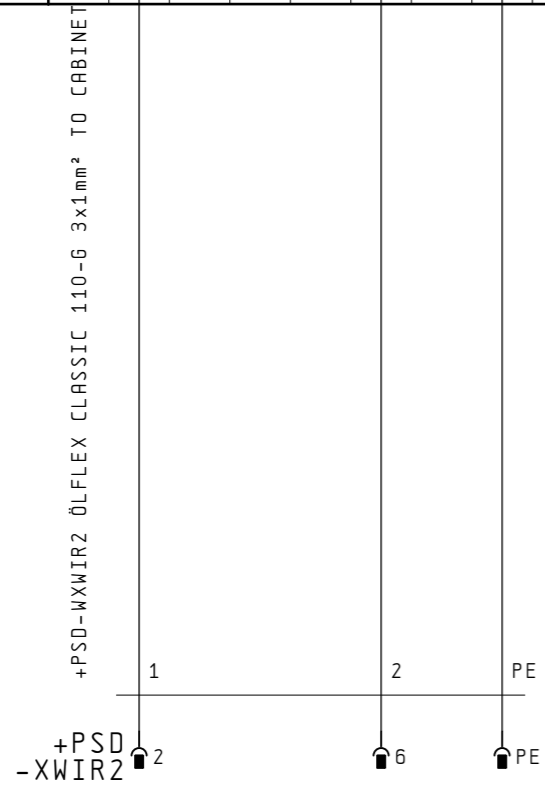


| | | | | | | | |
|--------|----------|--|----------------------|--------------|----------------|--------|--------|
| Date | 14.02.06 |   | DP CANopen OPTIMIZED | LIMIT SWITCH | Drawing number | = DECP | |
| User. | SEG | | MP&A/AD&S | | 33003614 | + | |
| Check. | | | Created for | | | DCO | Pa. 27 |
| Change | Date | | Name | | Created by. | 27 | 51 Bl. |

Terminal connection diagramm

SCHNEIDER_KL_1

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|-------------|---|---|---|---|---|---|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Strip name | +PSD2-XWIR2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Function text | HAN R15 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | PE | | | | | | | | | | | | | | | | | | |



Terminal connection diagramm

SCHNEIDER_KL_1

| Strip name | Function text | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---------------|--------|--------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| +PLC2-XSCAN1 | CANOPEN | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 ⏏ | 2 ⏏ | 3 ⏏ | 4 ⏏ | 5 ⏏ | | | | | | | | | | | | | | | | | | | | | |



| | | | | | | | |
|--------|----------|------|----------------------|---------|----------------|--------|--------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | CANOPEN | Drawing number | = DECP | |
| User. | SEG | | MP&A/AD&S | | 33003614 | + | |
| Check. | | | Created for | | | DCO | Pa. 29 |
| Change | Date | Name | Stand. | First. | Created by. | 29 | 51 Bl. |

Terminal connection diagramm

SCHNEIDER_KL_1

| Strip name | Function text | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---------------|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| +PLC2-XSCAN2 | CANOPEN | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | | |

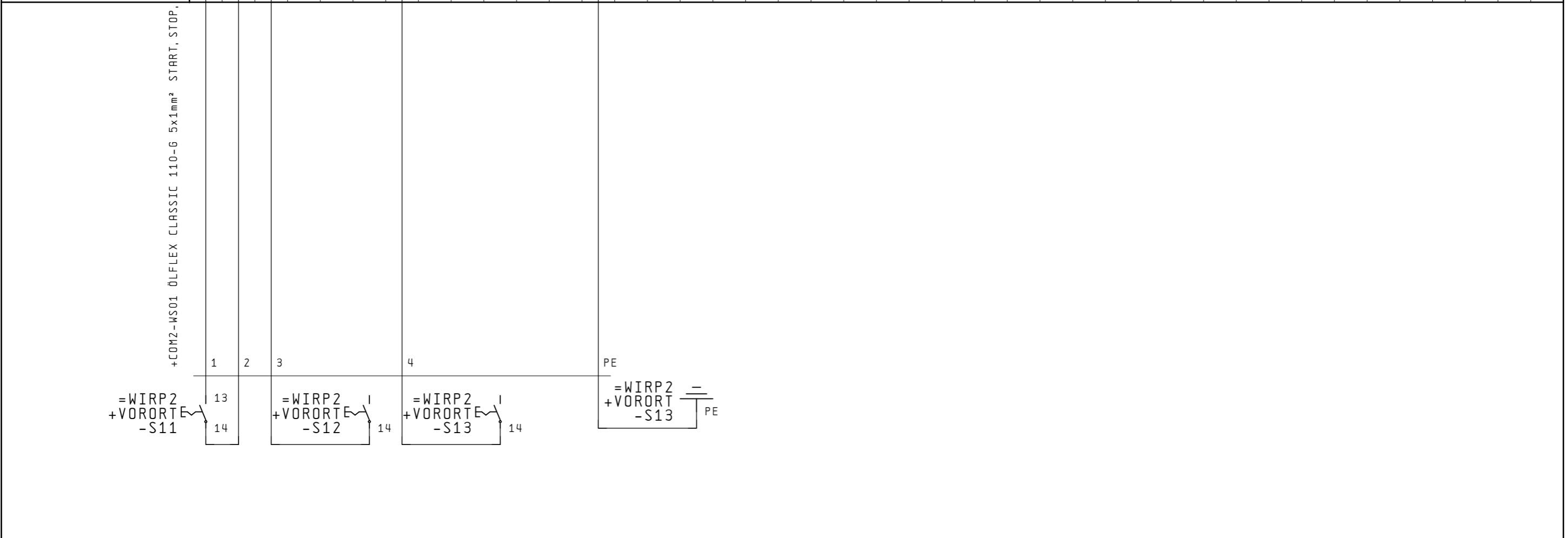
+PLC3
-XSCAN1 1

| | | | | | | | | | | | | | | | | |
|--------|------|----------|--------|----------------|-------------|--------------------|--|----------------------|--|---------|----|----------------|-----|--------|--------|--|
| Date | | 14.02.06 | | Merlin Gerin | | Schneider Electric | | DP CANopen OPTIMIZED | | CANOPEN | | Drawing number | | = DECP | | |
| User. | | SEG | | Square D | | | | | | | | 33003614 | | + | | |
| Check. | | | | Telemechanique | | | | MP&A/AD&S | | | | | | Pa. 30 | | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | | | 30 | | DCO | | 51 Bl. | |

Terminal connection diagramm

SCHNEIDER_KL_1

| Strip name | Function text | Terminal number |
|------------|----------------------|-----------------|
| +COM2-XS01 | HAN R15 | 1 |
| | LEFT-BUTTON DRIVE 1 | 2 |
| | STOP-BUTTON DRIVE 1 | 3 |
| | RIGHT-BUTTON DRIVE 1 | 4 |
| | | 5 |
| | | 6 |
| | | 7 |
| | RIGHT-BUTTON DRIVE 1 | PE |



Terminal connection diagramm

SCHNEIDER_KL_1

| Strip name | Function text | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---------------|--------|--------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| +PLC3-XSCAN1 | CANOPEN | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 ⏏ | 2 ⏏ | 3 ⏏ | 4 ⏏ | 5 ⏏ | | | | | | | | | | | | | | | | | | | | | |



| | | | | | | | |
|--------|----------|------|----------------------|---------|----------------|--------|--------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | CANOPEN | Drawing number | = DECP | |
| User. | SEG | | MP&A/AD&S | | 33003614 | + | |
| Check. | | | Created for | | 33 | Pa. | 33 |
| Change | Date | Name | Stand. | First. | Created by. | DCO | 51 Bl. |

Terminal connection diagramm

SCHNEIDER_KL_1

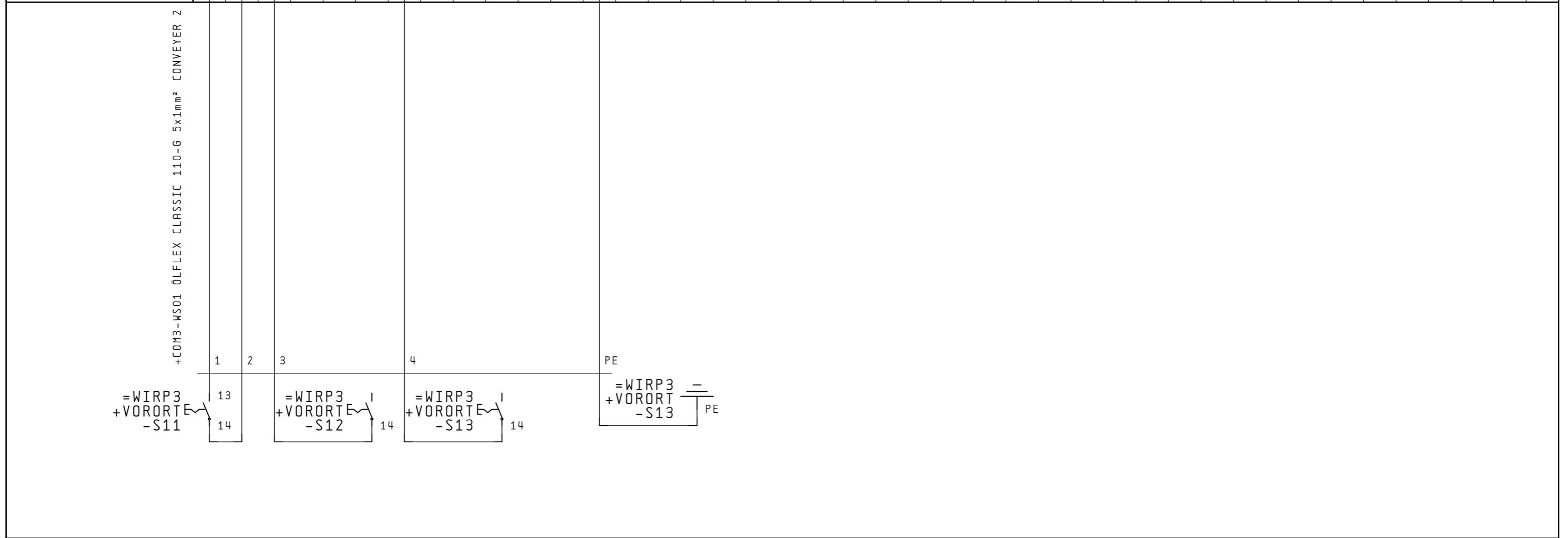
| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--------------|---------------|--------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Strip name | +PLC3-XSCAN2 | Function text | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 ⏏ | 2 ⏏ | 3 ⏏ | 4 ⏏ | 5 ⏏ | | | | | | | | | | | | | | | | | | | | |

+PLC4
-XSCAN1 ⏏1

Terminal connection diagramm

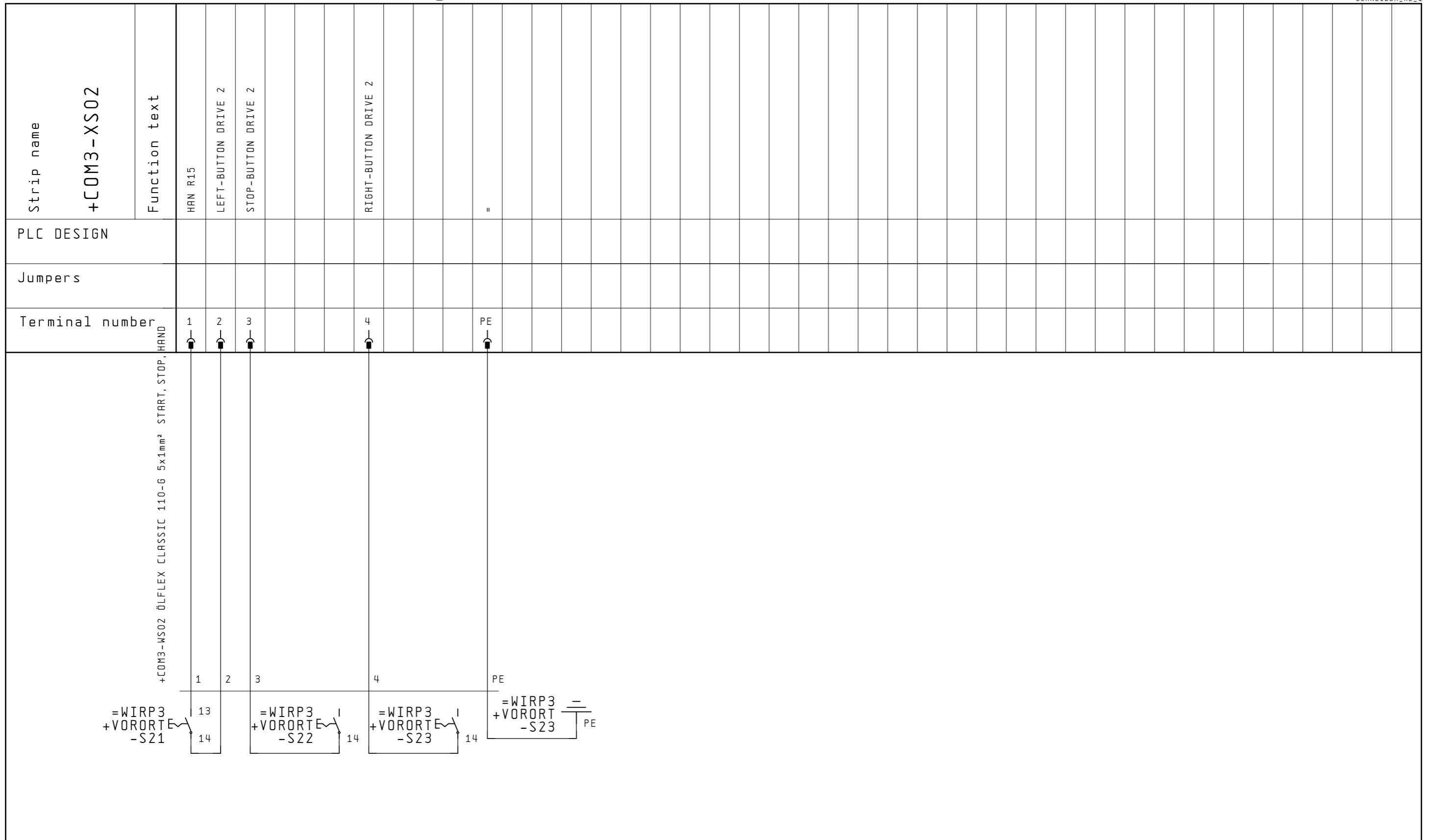
SCHNEIDER_KL_1

| Strip name | Function text | Terminal number |
|------------|----------------------|-----------------|
| +COM3-XS01 | HAN R15 | 1 |
| | LEFT-BUTTON DRIVE 1 | 2 |
| | STOP-BUTTON DRIVE 1 | 3 |
| | RIGHT-BUTTON DRIVE 1 | 4 |
| | | 5 |
| | | 6 |
| | | 7 |
| | RIGHT-BUTTON DRIVE 1 | PE |



Terminal connection diagramm

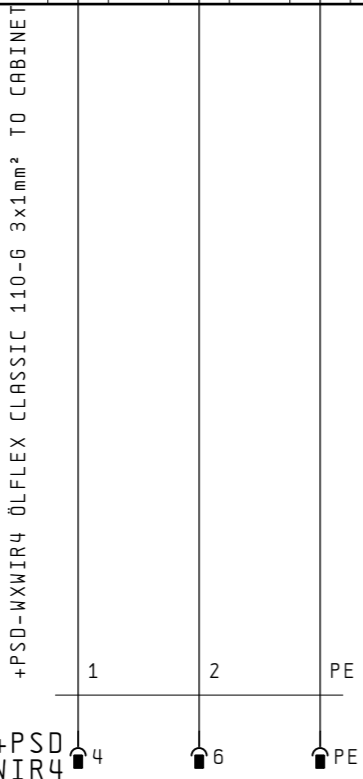
SCHNEIDER_KL_1




Terminal connection diagramm

SCHNEIDER_KL_1

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|-------------|---|---|---|---|---|---|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Strip name | +PSD4-XWIR4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Function text | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | PE | | | | | | | | | | | | | | | | | | | | | |







| | | | | | | | | | | | | |
|--------|------|--------|----------|---|----------------------|-----------------------|----------------|--|--------|--|--------|--|
| | | Date | 14.02.06 |  Schneider Electric | DP CANopen OPTIMIZED | CONTROL VOLTAGE WIRP4 | Drawing number | | = DECP | | | |
| | | User. | SEG | | MP&A/AD&S | | 33003614 | | + | | | |
| | | Check. | | | Created for | | 38 | | DCO | | Pa. 38 | |
| Change | Date | Name | Stand. | First. | Created by. | | | | | | 51 Bl. | |

Terminal connection diagramm

SCHNEIDER_KL_1

| Strip name | Function text | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---------------|--------|--------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| +PLC4-XSCAN1 | CANOPEN | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 ⏏ | 2 ⏏ | 3 ⏏ | 4 ⏏ | 5 ⏏ | | | | | | | | | | | | | | | | | | | | | |



| | | | | | | | | |
|--------|----------|---|--|----------------------|-------------|----------------|--------|--------|
| Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | CANOPEN | Drawing number | = DECP | |
| User. | SEG | | | MP&A/AD&S | | 33003614 | + | |
| Check. | | | | Created for | | 39 | Pa. | 39 |
| Change | Date | Name | Stand. | First. | Created by. | | DCO | 51 Bl. |

Terminal connection diagramm

SCHNEIDER_KL_1

| Strip name | Function text | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---------------|--------|--------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| +PLC4-XSCAN2 | CANOPEN | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 ⏚ | 2 ⏚ | 3 ⏚ | 4 ⏚ | 5 ⏚ | | | | | | | | | | | | | | | | | | | | | | | | |

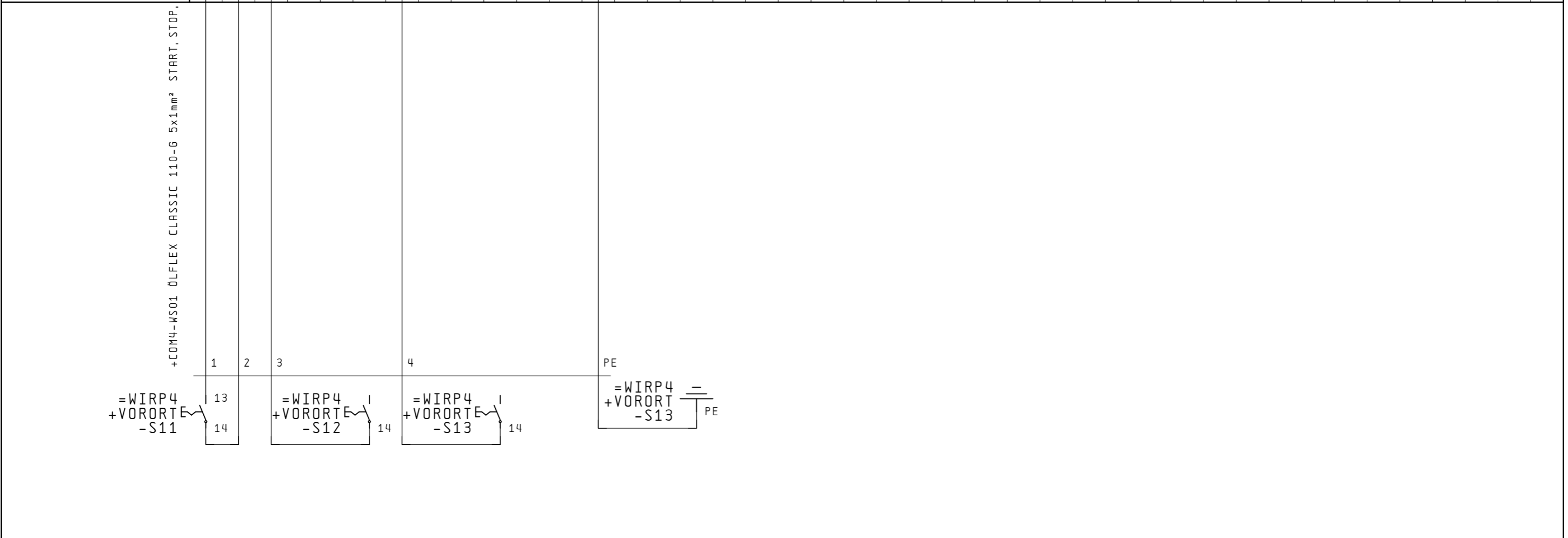


| | | | | | | | | |
|--------|----------|--|--|----------------------|---------|----------------|--------|-------------|
| Date | 14.02.06 | | | DP CANopen OPTIMIZED | CANOPEN | Drawing number | = DECP | |
| User. | SEG | | | MP&A/AD&S | | 33003614 | + | |
| Change | Date | | | Name | | Stand. | First. | Created for |
| | | | | | | 40 | DCO | 51 Bl. |

Terminal connection diagramm

SCHNEIDER_KL_1

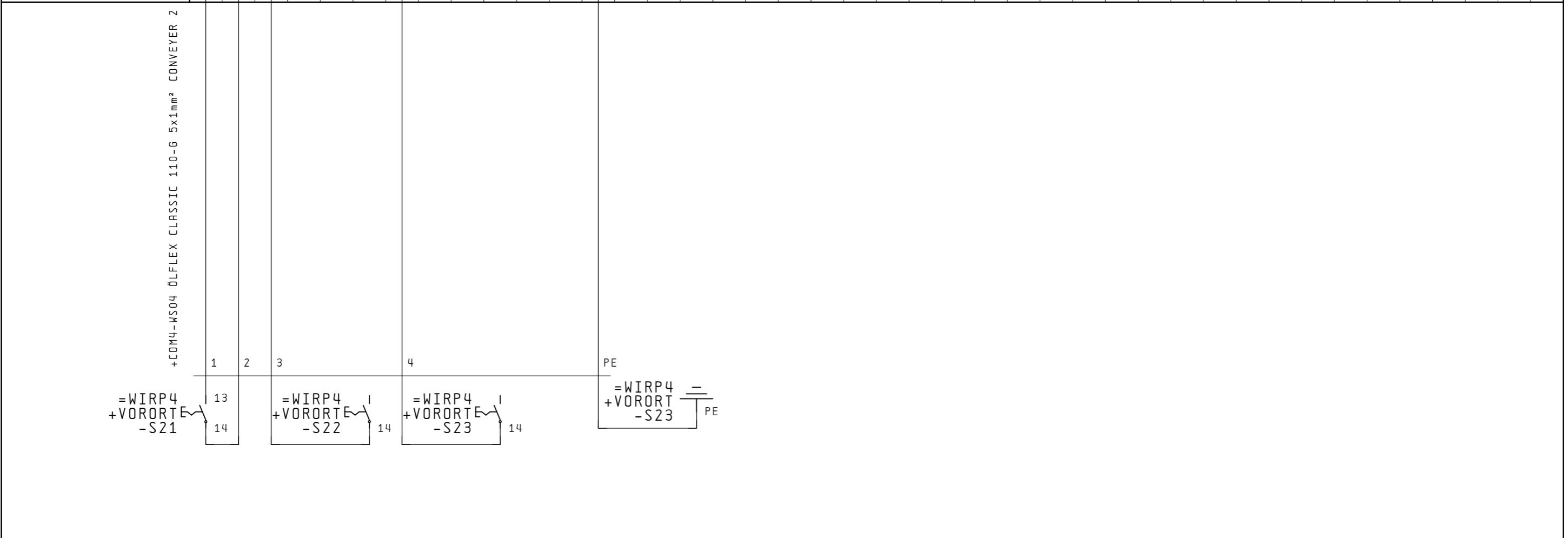
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Strip name | +COM4-XS01 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Function text | HAN R15 LEFT-BUTTON DRIVE 1 STOP-BUTTON DRIVE 1 RIGHT-BUTTON DRIVE 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | PE | | | | | | | | | | | | | | | | | | | | |



Terminal connection diagramm

SCHNEIDER_KL_1

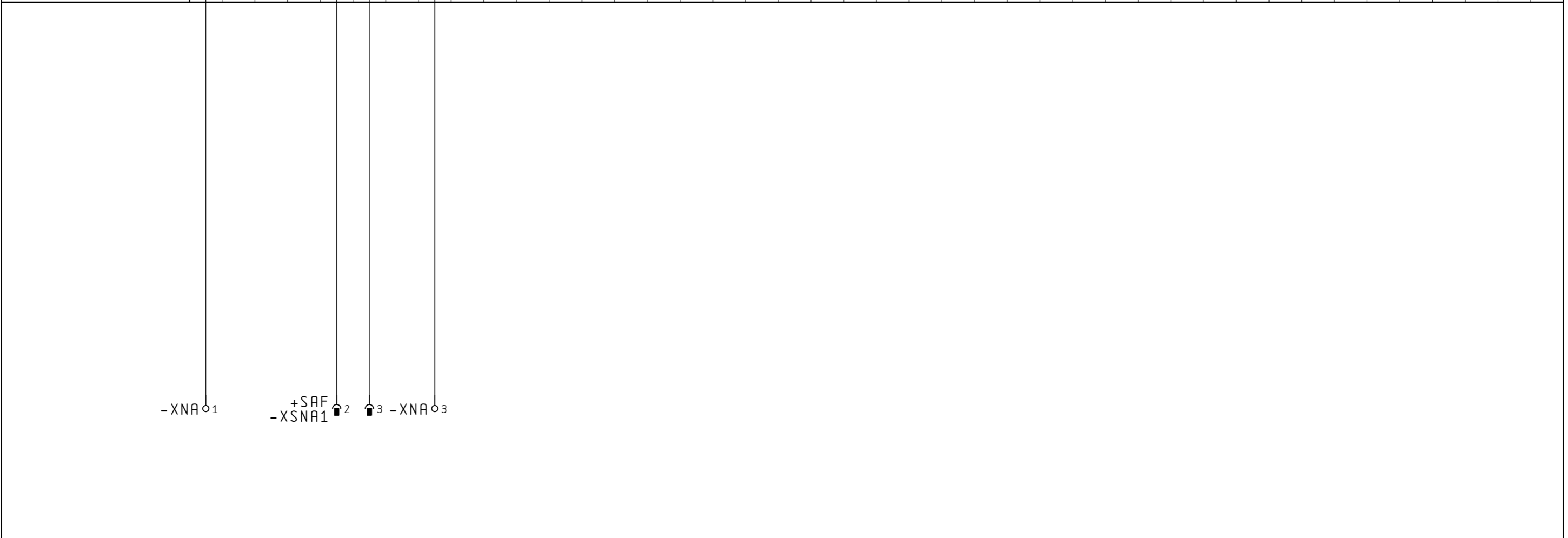
| Strip name | Function text | Terminal number |
|------------|----------------------|-----------------|
| +COM4-XS02 | HAN R15 | 1 |
| | LEFT-BUTTON DRIVE 2 | 2 |
| | STOP-BUTTON DRIVE 2 | 3 |
| | RIGHT-BUTTON DRIVE 2 | 4 |
| | | 5 |
| | | 6 |
| | | 7 |
| | RIGHT-BUTTON DRIVE 2 | PE |
| PLC DESIGN | | |
| Jumpers | | |



Terminal connection diagramm

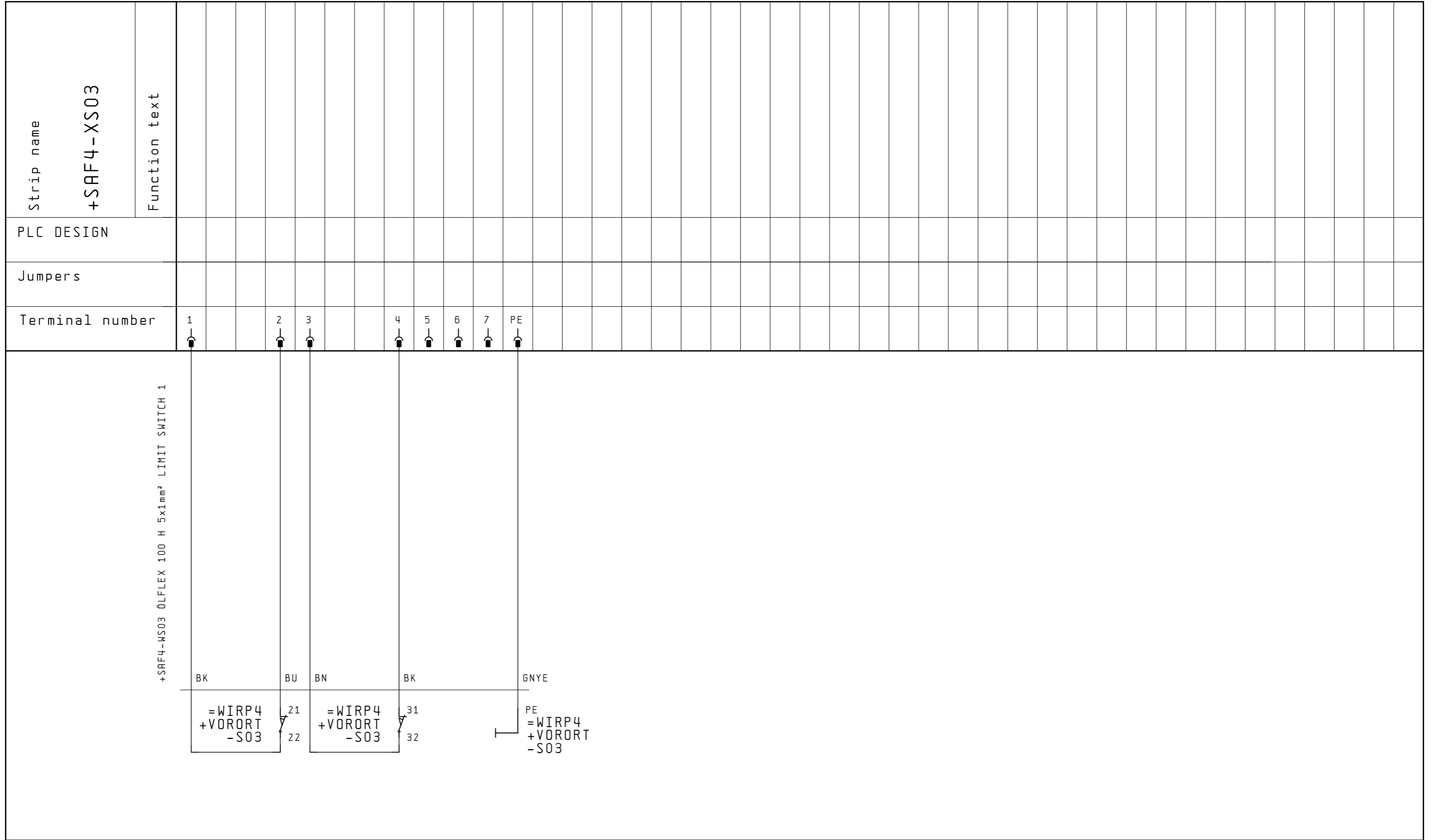
SCHNEIDER_KL_1

| Strip name | Function text | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|-----------------|---------------|---|---|---|---|---|---|---|---|---|
| +SAF4-XSNA1 | HAN R15 | | | | | | | | | |
| PLC DESIGN | | | | | | | | | | |
| Jumpers | | | | | | | | | | |
| Terminal number | | 1 | 2 | 3 | 4 | | | | | |



Terminal connection diagramm

SCHNEIDER_KL_1



Date 14.02.06

User. SEG

Check.

Stand.



DP CANopen OPTIMIZED

MP&A/AD&S

Created for

Created by.

SWITCH AT DOOR

Drawing number

33003614

46

= DECP

+

DCO

Pa.

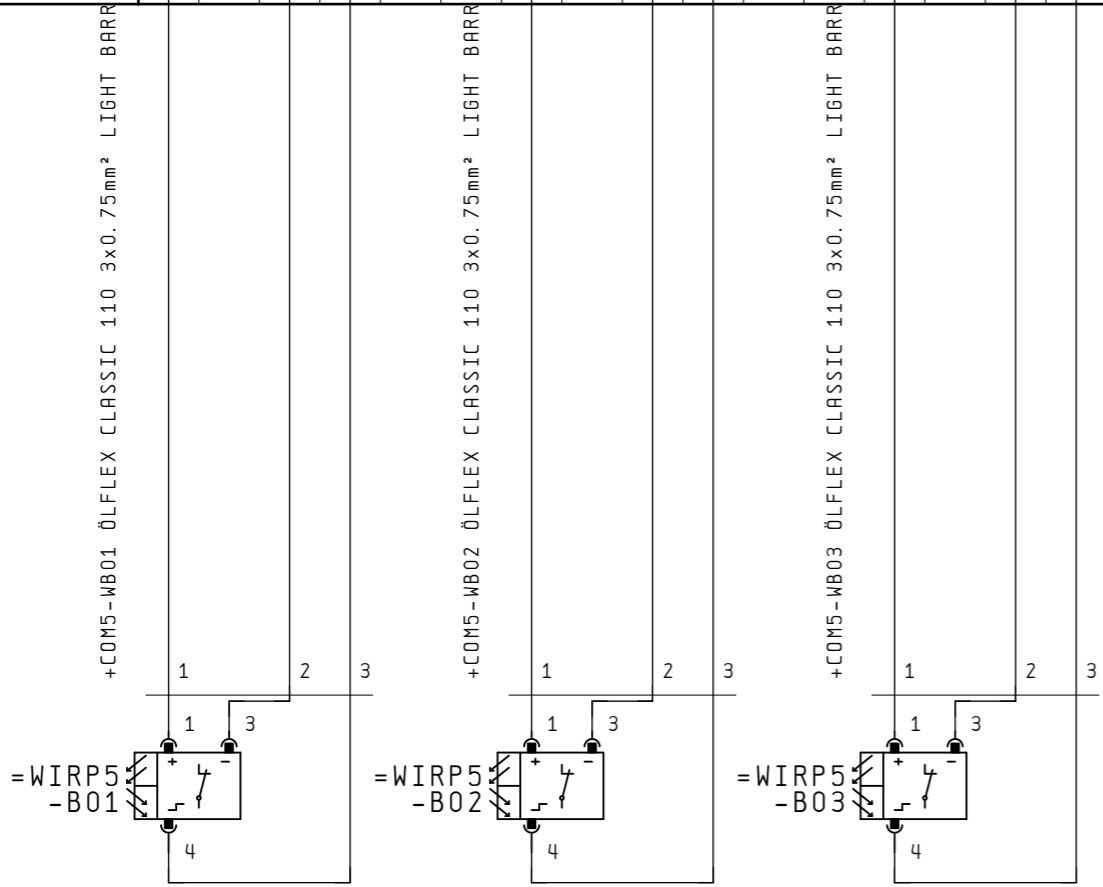
46

51 Bl.

Terminal connection diagramm

SCHNEIDER_KL_1

| Strip name | +COM5-K101 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------------|------|------|------|------|--|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Function text | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | 00.1 | 00.2 | 00.3 | 00.4 | 00.5 | | 01.1 | 01.2 | 01.3 | 01.4 | 01.5 | | 02.1 | 02.2 | 02.3 | 02.4 | 02.5 | 03.1 | 03.2 | 03.3 | 03.4 | 03.5 | 04.1 | 04.2 | 04.3 | 04.4 | 04.5 | 05.1 | 05.2 | 05.3 | 05.4 | 05.5 | 06.1 | 06.2 | 06.3 | 06.4 | 06.5 | 07.1 | 07.2 | 07.3 | 07.4 | 07.5 |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 01 | 02 | 03 | 04 | 05 | | 11 | 12 | 13 | 14 | 15 | | 21 | 22 | 23 | 24 | 25 | 31 | 32 | 33 | 34 | 35 | 41 | 42 | 43 | 44 | 45 | 51 | 52 | 53 | 54 | 55 | 61 | 62 | 63 | 64 | 65 | 71 | 72 | 73 | 74 | 75 |



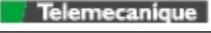


| | | | | | | | | | |
|--------|----------|------|----------------------|--------|----------------|-------------|-----|-----|--------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | FTB | Drawing number | = DECP | | | |
| User. | SEG | | | | | 33003614 | + | | |
| Check. | | | | | | | Pa. | 47 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | 47 | DCO | 51 Bl. |

Terminal connection diagramm

SCNEIDER_KL_1

| Strip name | Function text | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---------------|--|------|------|------|------|--|------|------|------|------|--|------|------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| +COM5-K102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | | 00.1 | 00.2 | 00.3 | 00.4 | 00.5 | 01.1 | 01.2 | 01.3 | 01.4 | 01.5 | 02.1 | 02.2 | 02.3 | 02.4 | 02.5 | 03.1 | 03.2 | 03.3 | 03.4 | 03.5 | 04.1 | 04.2 | 04.3 | 04.4 | 04.5 | 05.1 | 05.2 | 05.3 | 05.4 | 05.5 | 06.1 | 06.2 | 06.3 | 06.4 | 06.5 | 07.1 | 07.2 | 07.3 | 07.4 | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | | 01 | 02 | 03 | 04 | 05 | 11 | 12 | 13 | 14 | 15 | 21 | 22 | 23 | 24 | 25 | 31 | 32 | 33 | 34 | 35 | 41 | 42 | 43 | 44 | 45 | 51 | 52 | 53 | 54 | 55 | 61 | 62 | 63 | 64 | 65 | 71 | 72 | 73 | 74 | |
| | | +COM5-WB04 ÖLFLEX CLASSIC 110 3x0.75mm² INITIATOR =WIRP5 -B04 | | | | | +COM5-WB05 ÖLFLEX CLASSIC 110 3x0.75mm² INITIATOR =WIRP5 -B05 | | | | | +COM5-WB06 ÖLFLEX CLASSIC 110 3x0.75mm² INITIATOR =WIRP5 -B06 | | | | | +COM5-WB07 ÖLFLEX CLASSIC 110 3x0.75mm² INITIATOR =WIRP5 -B07 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | |
|--------|----------|---|----------------------|--------|----------------------------|-------------|--------|
| Date | 14.02.06 |    | DP CANopen OPTIMIZED | FTB | Drawing number 33003614 | = DECP + | |
| User. | SEG | | MP&A/AD&S | | | | Pa. 48 |
| Check. | | | Created for | | | | |
| Change | Date | Name | Stand. | First. | Created by. | 48 | DCO |

Terminal connection diagramm

SCHNEIDER_KL_1

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---------------|-----------------|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Strip name +COM5-K102 | Function text | Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 07.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Terminal number | 75 — ■ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

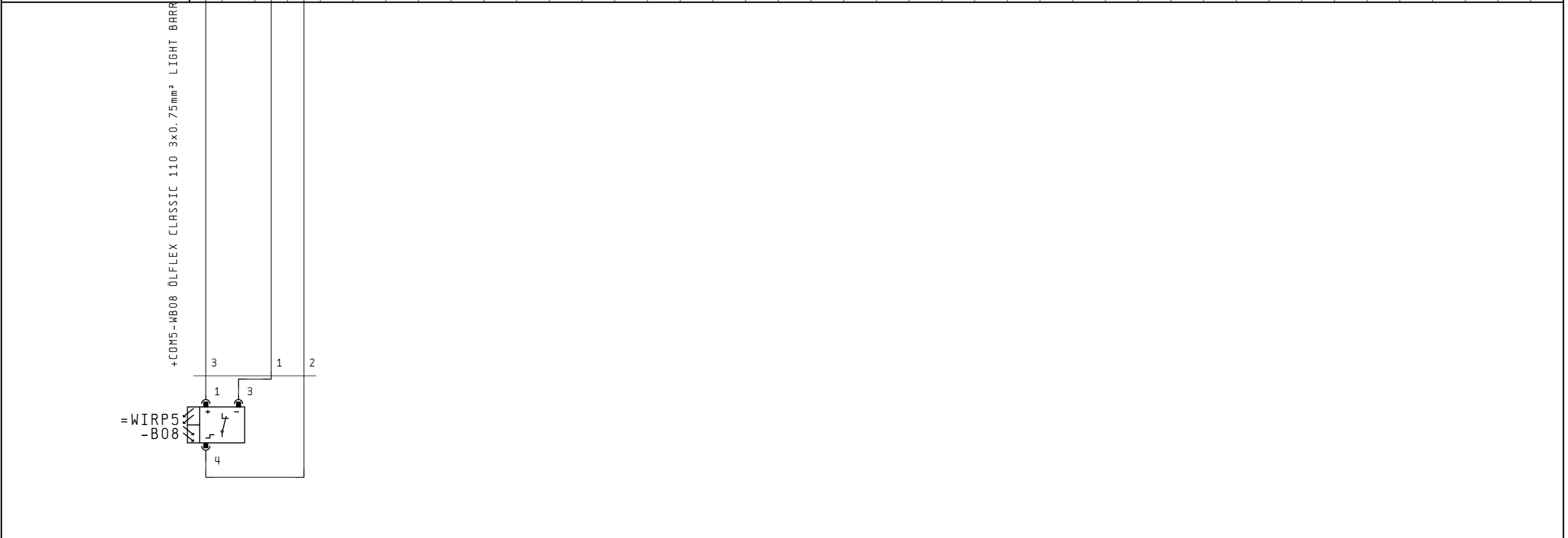


| | | | | | | | | | | | | | | | |
|--------|------|------|----------|--------|-------------|-------------|----------------------|--|--|-----|--|----------------|--------|--------|--|
| Date | | | 14.02.06 | | | | DP CANopen OPTIMIZED | | | FTB | | Drawing number | | = DECP | |
| User. | | | SEG | | | | MP&A/AD&S | | | | | 33003614 | | + | |
| Check. | | | | | | | | | | | | 49 | | DCO | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | | | | | 51 Bl. | | |

Terminal connection diagramm

SCHNEIDER_KL_1

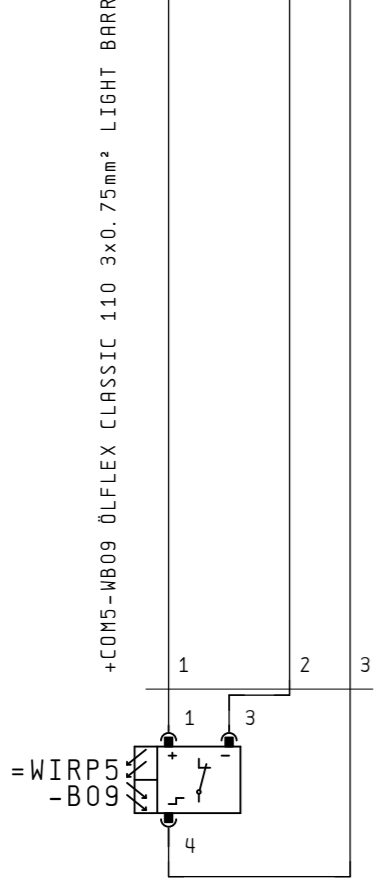
| Strip name | Function text | 00.1 | 00.2 | 00.3 | 00.4 | 00.5 | 01.1 | 01.2 | 01.3 | 01.4 | 01.5 | 02.1 | 02.2 | 02.3 | 02.4 | 02.5 | 03.1 | 03.2 | 03.3 | 03.4 | 03.5 | 04.1 | 04.2 | 04.3 | 04.4 | 04.5 | 05.1 | 05.2 | 05.3 | 05.4 | 05.5 | 06.1 | 06.2 | 06.3 | 06.4 | 06.5 | 07.1 | 07.2 | 07.3 | 07.4 | 07.5 |
|-----------------|---------------|------|------|------|----------------------------------|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| +COM5-K103 | | 24V+ | OUT | 0V | LIGHT BARRIER CONVEYER TURNTABLE | PE | Reserve | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | = | |
| PLC DESIGN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | | 01 | 02 | 03 | 04 | 05 | 11 | 12 | 13 | 14 | 15 | 21 | 22 | 23 | 24 | 25 | 31 | 32 | 33 | 34 | 35 | 41 | 42 | 43 | 44 | 45 | 51 | 52 | 53 | 54 | 55 | 61 | 62 | 63 | 64 | 65 | 71 | 72 | 73 | 74 | 75 |



Terminal connection diagramm

SCHNEIDER_KL_1

| Strip name | +COM5-K104 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| Function text | LIGHT BARRIER CONVEYER FROM/ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLC DESIGN | 00.1 | 00.2 | 00.3 | 00.4 | 00.5 | 01.1 | 01.2 | 01.3 | 01.4 | 01.5 | 02.1 | 02.2 | 02.3 | 02.4 | 02.5 | 03.1 | 03.2 | 03.3 | 03.4 | 03.5 | 04.1 | 04.2 | 04.3 | 04.4 | 04.5 | 05.1 | 05.2 | 05.3 | 05.4 | 05.5 | 06.1 | 06.2 | 06.3 | 06.4 | 06.5 | 07.1 | 07.2 | 07.3 | 07.4 | 07.5 | |
| Jumpers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal number | 01 | 02 | 03 | 04 | 05 | 11 | 12 | 13 | 14 | 15 | 21 | 22 | 23 | 24 | 25 | 31 | 32 | 33 | 34 | 35 | 41 | 42 | 43 | 44 | 45 | 51 | 52 | 53 | 54 | 55 | 61 | 62 | 63 | 64 | 65 | 71 | 72 | 73 | 74 | 75 | |




| | | | | | | | | |
|--------|----------|------|--------|----------------------|-------------|----------------------------|-------------|--------|
| Date | 14.02.06 | | | DP CANopen OPTIMIZED | FTB | Drawing number 33003614 | = DECP + | |
| User. | SEG | | | MP&A/AD&S | | | | Pa. 51 |
| Check. | | | | Created by. | | | | |
| Change | Date | Name | Stand. | First. | Created for | 51 | DCO | |

Terminal strip and connector overview

ESSR001D

| Terminal strip and connector design. | Pol | Terminal and connector strip definition | Amount | Page/path |
|--------------------------------------|---------|---|--------|-----------|
| +UV-X0 | | ON SITE | 5 | |
| +PSD-X02 | | CONTROL | 23 | |
| +COM-X03 | | CONTROL VOLTAGE | 15 | |
| +SAF-XLC | | LIGHT CURTAIN | 15 | |
| +SAF-XNA | | EMERGENCY STOP | 8 | |
| +COM2-X03 | | CONTROL VOLTAGE | 5 | |
| +COM3-X03 | | CONTROL VOLTAGE | 10 | |
| +PSD4-XWIRP4 | | TERMINAL OV | 3 | |
| +COM4-X03 | | CONTROL VOLTAGE | 10 | |
| +SAF4-XNA | | EMERGENCY STOP | 10 | |
| +PSD-X01 | 6 | POWER SUPPLY | 7 | |
| +PSD-XWIR1 | 6 | POWER SUPPLY WIRP1 | 7 | |
| +PSD-XWIR2 | 8 | POWER SUPPLY WIRP2 | 8 | |
| +PSD-XWIR3 | 8 | POWER SUPPLY WIRP3 | 8 | |
| +PSD-XWIR4 | 8 | POWER SUPPLY WIRP4 | 8 | |
| +PSD-XWIR5 | 8 | POWER SUPPLY WIRP5 | 8 | |
| +COM-XS01 | 8 | PLUG START, STOP, MANUEL-AUTO | 8 | |
| +COM-XP01 | 8 | SIGNAL LAMP | 8 | |
| +COM-XSCAN1 | CAN_M12 | CANOPEN | 5 | |
| +MOV-XM01 | 6 | MOTOR1 | 7 | |
| +MOV-XM02 | 6 | MOTOR2 | 7 | |

=DECP/51 der Typ eines Steckers bezieht sich auf den fest angebauten Teil und nicht auf das Kabel


| | | | | | | | | | | | |
|--------|------|----------|--------|--|----------------------|--------------------------|----------------|--|---------|--|-----|
| Date | | 14.02.06 | |  | DP CANopen OPTIMIZED | TERMINAL BLOCKS OVERVIEW | Drawing number | | = TERPO | | |
| User. | | SEG | | | MP&A/AD&S | | 33003614 | | + | | Pa. |
| Check. | | | | | Created by. | | 1 | | DCO | | 1 |
| Change | Date | Name | Stand. | First. | Created for | Created by. | 1 | | 3 Bl. | | |

Terminal strip and connector overview

ESSR0010

| Terminal strip and connector design. | Pol | Terminal and connector strip definition | Amount | Page/path |
|--------------------------------------|---------|---|--------|-----------|
| +MOV-XM03 | 6 | MOTOR3 | 7 | |
| +MOV-XM04 | 6 | MOTOR4 | 7 | |
| +SAF-XSNA1 | 8 | EMERGENCY STOP WIRP4 | 8 | |
| +SAF-XS04 | 8 | LIMIT SWITCH | 8 | |
| +SAF-XS05 | 8 | LIMIT SWITCH | 8 | |
| +PSD2-XWIR2 | 8 | POWER SUPPLY WIRP 2 | 8 | |
| +PLC2-XSCAN1 | CAN_M12 | CANOPEN | 5 | |
| +PLC2-XSCAN2 | CAN_M12 | CANOPEN | 5 | |
| +COM2-XS01 | 8 | PLUG START, STOP, MANUEL-AUTO | 8 | |
| +PSD3-XWIR3 | 8 | POWER SUPPLY WIRP 3 | 8 | |
| +PLC3-XSCAN1 | CAN_M12 | CANOPEN | 5 | |
| +PLC3-XSCAN2 | CAN_M12 | CANOPEN | 5 | |
| +COM3-XS01 | 8 | CONVEYOR 3 | 8 | |
| +COM3-XS02 | | BUTTON ON LOCATION | 5 | |
| +PSD4-X01W4 | 6 | POWER SUPPLY WIRP4 | 7 | |
| +PSD4-XWIR4 | 8 | CONTROL VOLTAGE WIRP4 | 8 | |
| +PLC4-XSCAN1 | CAN_M12 | CANOPEN | 5 | |
| +PLC4-XSCAN2 | CAN_M12 | CANOPEN | 5 | |
| +COM4-XS01 | 8 | PLUG START, STOP, MANUEL-AUTO | 8 | |
| +COM4-XS02 | 8 | CONVEYOR 2 | 8 | |
| +MOV4-XM01 | 6 | MOTOR 1 | 7 | |

1 der Typ eines Steckers bezieht sich auf den fest angebauten Teil und nicht auf das Kabel 3

| | | | | | | | | | | | | |
|--------|------|----------|--------|--|----------------------|-------------|--------------------------|--|----------------|--|---------|--|
| Date | | 14.02.06 | |  | DP CANopen OPTIMIZED | | TERMINAL BLOCKS OVERVIEW | | Drawing number | | = TERPO | |
| User. | | SEG | | | MP&A/AD&S | | | | 33003614 | | + | |
| Check. | | | | | Created for | | Created by. | | 2 | | Pa. 2 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | DCO | | 3 Bl. | |

Terminal strip and connector overview




ESSR001D

| Terminal strip and connector design. | Pol | Terminal and connector strip definition | Amount | Page/path |
|--------------------------------------|-----|---|--------|-----------|
| +MOV4-XM02 | 6 | MOTOR 2 | 7 | |
| +SAF4-XSNA1 | | EMERGENCY STOP PUSHBUTTON | 4 | |
| +SAF4-XS03 | 8 | SWITCH AT DOOR | 8 | |
| +COM5-K101 | | FTB | 40 | |
| +COM5-K102 | | FTB | 40 | |
| +COM5-K103 | | FTB | 40 | |
| +COM5-K104 | | FTB | 40 | |
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der Typ eines Steckers bezieht sich auf den fest angebauten Teil und nicht auf das Kabel

=TERP/1

2

| | | | | | | | | | |
|--------|------|----------|--|----------------------|--------------------------|----------------|-------------|-------------|---|
| Date | | 14.02.06 |    | DP CANopen OPTIMIZED | TERMINAL BLOCKS OVERVIEW | Drawing number | | = TERPO | |
| User. | | SEG | | MP&A/AD&S | | 33003614 | | + | |
| Change | Date | Name | | Stand. | | First. | Created for | Created by. | 3 |

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Terminal diagram

ESSK007

Strip designation +UV-X0

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|----------------|------------|----------------|---------------------|
| +PSD-WX001 | BK | +PSD-X01 | 1 | 1 | | | | | =WIRP1+PSD/1.1 | POWER SUPPLY |
| +PSD-WX001 | BU | +PSD-X01 | 2 | 2 | | | | | =WIRP1+PSD/1.1 | LOCAL FUSE MAX. 16A |
| +PSD-WX001 | BN | +PSD-X01 | 3 | 3 | | | | | =WIRP1+PSD/1.1 | = |
| +PSD-WX001 | BK | +PSD-X01 | 4 | N | | | | | =WIRP1+PSD/1.2 | = |
| +PSD-WX001 | GNYE | +PSD-X01 | PE | PE | | PE | | | =WIRP1+PSD/1.2 | = |
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=TERP0/3

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|--------|----------|--|-----------------------------------|-------------------|----------------------------|-------------|---|
| Date | 14.02.06 |   | DP CANopen OPTIMIZED MP&A/AD&S | +UV-X0 ON SITE | Drawing number 33003614 | = TERP | |
| User. | SEG | | | | + Pa. 1 | | |
| Check. | | | | | DCO | 53 Bl. | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | 1 |

Terminal diagram


ESSK007

Strip designation **+PSD-X02**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|----------------|------------|----------------|--------------------------------|
| | | =WIRP1+SAF-K04 | B1+ | 1 | • | | =WIRP1-F03 | 2 | =WIRP1+PSD/2.4 | 24VDC CAN |
| | | =WIRP1-Res | | 2 | • | | =WIRP1+SAF-K04 | 13 | =WIRP1+PSD/2.4 | = |
| | | =WIRP1-Res | | 3 | • | | =WIRP1-Res | | =WIRP1+PSD/2.4 | = |
| | | +COM-X03 | 1 | 4 | • | | =WIRP1-F04 | 2 | =WIRP1+PSD/2.6 | = |
| | | =WIRP1+SAF-K01 | Y31 | 5 | • | | =WIRP1+MOV-Q01 | 13 | =WIRP1+PSD/2.6 | = |
| | | =WIRP1-Res | | 6 | • | | =WIRP1-Res | | =WIRP1+PSD/2.6 | = |
| | | =WIRP1-Res | | 7 | • | | =WIRP1-F05 | 2 | =WIRP1+PSD/2.8 | 24VDC MAIN SPS |
| | | =WIRP1-Res | | 8 | • | | =WIRP1-Res | | =WIRP1+PSD/2.8 | = |
| | | -XWIR3 | 3 | 9 | • | | =WIRP1-T01 | +24V | =WIRP1+PSD/3.4 | SUPPLY ABOUT CIRCUAR CONNECTOR |
| | | -XWIR4 | 4 | 10 | • | | | | =WIRP1+PSD/3.6 | = |
| | | -XWIR5 | 1 | 11 | • | | | | =WIRP1+PSD/3.7 | = |
| | | -XWIR5 | 2 | 12 | • | | | | =WIRP1+PSD/3.7 | = |
| | | =WIRP1+SAF-K04 | B2- | 21 | • | | =WIRP1-XTR01 | 3- | =WIRP1+PSD/2.4 | 24VDC CAN |
| | | =WIRP1-Res | | 22 | • | | =WIRP1+SAF-K06 | A2 | =WIRP1+PSD/2.4 | = |
| | | =WIRP1-Res | | 23 | • | | =WIRP1-Res | | =WIRP1+PSD/2.4 | = |
| | | +COM-X03 | 7 | 24 | • | | +COM-X03 | 14 | =WIRP1+PSD/2.6 | = |
| | | =WIRP1-Res | | 25 | • | | =WIRP1-Res | | =WIRP1+PSD/2.6 | = |
| | | =WIRP1-Res | | 26 | • | | +PLC-K01 | - | =WIRP1+PSD/2.8 | 24VDC MAIN SPS |
| | | =WIRP1-Res | | 27 | • | | =WIRP1-Res | | =WIRP1+PSD/2.8 | = |
| | | -XWIR3 | 6 | 28 | • | | =WIRP1-T01 | 0V | =WIRP1+PSD/3.4 | SUPPLY ABOUT CIRCUAR CONNECTOR |
| | | -XWIR4 | 6 | 29 | • | | | | =WIRP1+PSD/3.6 | = |
| | | -XWIR5 | 5 | 30 | • | | | | =WIRP1+PSD/3.8 | = |
| | | -XWIR5 | 6 | 31 | • | | | | =WIRP1+PSD/3.8 | = |

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| | | | | | | |
|--------|----------|--|----------------------|------------------|----------------|--------|
| Date | 14.02.06 |  | DP CANopen OPTIMIZED | +PSD-X02 CONTROL | Drawing number | = TERP |
| User. | SEG | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 2 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 53 Bl. |

Terminal diagram

ESSK007

Strip designation +COM-X03

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|-------|---------|------------|----------------|------------|----------------|--------------------------------------|
| | | =WIRP1-SP01 | 13 | 1 | | | +PSD-X02 | 4 | =WIRP1+COM/1.1 | BUTTON START |
| | | =WIRP1-SP01 | 14 | 2 | | I0.7 | +PLC-K01 | 7 | =WIRP1+COM/1.1 | = |
| | | =WIRP1-S02 | 14 | 3 | | I0.8 | +PLC-K01 | 8 | =WIRP1+COM/1.3 | BUTTON STOP |
| | | =WIRP1-SP03 | 14 | 4 | | I0.9 | +PLC-K01 | 9 | =WIRP1+COM/1.4 | BUTTON MAN / AUTO |
| | | =WIRP1-SP01 | x1 | 5 | | Q0.6 | +PLC-K01 | Q6 | =WIRP1+COM/1.6 | OPERATION |
| | | =WIRP1-SP03 | x1 | 6 | | Q0.5 | +PLC-K01 | Q5 | =WIRP1+COM/1.8 | MANUAL MODE |
| | | =WIRP1-SP01 | x2 | 7 | | | +PSD-X02 | 24 | =WIRP1+COM/1.6 | OPERATION |
| | | -XS01 | PE | 8/PE | | | =WIRP1-PE | | =WIRP1+COM/2.5 | MAN / AUTO |
| | | -XP01 | 1 | 9 | | Q0.2 | +PLC-K01 | Q2 | =WIRP1+COM/3.2 | OPERATIONAL GREEN |
| | | -XP01 | 2 | 10 | | Q0.3 | +PLC-K01 | Q3 | =WIRP1+COM/3.3 | HAND MODE WHITE LAMP |
| | | -XP01 | 3 | 11 | | Q0.4 | +PLC-K01 | Q4 | =WIRP1+COM/3.4 | PLANT ERROR RED SIGNAL LAMP |
| | | -XP01 | 4 | 12 | | Q0.7 | +PLC-K01 | Q7 | =WIRP1+COM/3.5 | SAFETY ERROR UN AKNOWLEDGE BLUE LAMP |
| | | -XP01 | 6 | 13 | | Q0.1 | +PLC-K01 | Q1 | =WIRP1+COM/3.6 | RESERVE |
| | | -XP01 | 7 | 14 | | | +PSD-X02 | 24 | =WIRP1+COM/3.2 | OPERATIONAL GREEN |
| | | -XP01 | PE | 15/PE | | PE | | | =WIRP1+COM/3.7 | PE |
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|--------|------|----------|--------|---|---|-----------------------------|----------------|--|------------|--|
| Date | | 14.02.06 | |  Schneider Electric | DP CANopen OPTIMIZED MP&A/AD&S Created by | +COM-X03 CONTROL VOLTAGE | Drawing number | | = TERP | |
| User. | | SEG | | | | | 33003614 | | + | |
| Check. | | | | | | | 3 | | Pa. 3 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | 3 | | DCO 53 Bl. | |

Terminal diagram

ESSK007

Strip designation +SAF-XLC

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|-------|---------|------------|----------------|------------|----------------|-------------------|
| +SAF-WLC01 | wh | -X1K05 | 1 | 1 | | | =WIRP1-K04 | 41 | =WIRP1+SAF/2.6 | LIGHT CURTAIN |
| +SAF-WLC01 | bk | -X1K05 | 2 | 2 | | | =WIRP1-K04 | S32 | =WIRP1+SAF/2.7 | = |
| +SAF-WLC01 | bu | -X1K05 | 3 | 3 | | | =WIRP1-K04 | S12 | =WIRP1+SAF/2.7 | = |
| +SAF-WLC01 | gy | -X1K05 | 7 | 4 | | I0.3 | +PLC-K01 | 3 | =WIRP1+SAF/2.7 | LIGHT CURTAIN AUX |
| +SAF-WLC02 | wh | -X2K05 | 1 | 5 | | | -XLC | 1 | =WIRP1+SAF/2.8 | = |
| +SAF-WLC02 | bk | -X2K05 | 2 | 6 | • | | | | =WIRP1+SAF/2.9 | = |
| +SAF-WLC02 | bu | -X2K05 | 3 | 7 | | | | | =WIRP1+SAF/2.9 | = |
| | | SH | | 8/SH | | SH | SH | | =WIRP1+SAF/2.6 | LIGHT CURTAIN |
| +SAF-WLC01 | vt | -X1K05 | PE | 9 | • | | =WIRP1-SP03 | x2 | =WIRP1+SAF/2.6 | = |
| +SAF-WLC01 | tp | -X1K05 | 4 | 10 | • | | | | =WIRP1+SAF/2.6 | = |
| +SAF-WLC01 | bn | -X1K05 | 5 | 11 | • | | | | =WIRP1+SAF/2.7 | = |
| +SAF-WLC01 | sh | -X1K05 | 6 | 12 | • | | | | =WIRP1+SAF/2.7 | = |
| +SAF-WLC02 | tp | -X2K05 | 4 | 13 | • | | | | =WIRP1+SAF/2.8 | LIGHT CURTAIN AUX |
| +SAF-WLC02 | bn | -X2K05 | 5 | 14 | • | | | | =WIRP1+SAF/2.9 | = |
| | | SH | | 15/SH | | SH | SH | | =WIRP1+SAF/2.9 | = |
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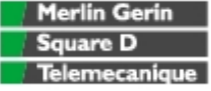

3

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Terminal diagram

ESSK007

| Strip designation +SAF-XNA | | | | | | | | | | |
|----------------------------|-------|----------------|------------|------|---------|------------|----------------|------------|----------------|------------------------------|
| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
| +SAF-WS01 | BK | =WIRP1-S01 | 11 | 1 | | | -XSNA1 | 1 | =WIRP1+SAF/1.1 | HAN R15 |
| +SAF-WS01 | BU | =WIRP1-S01 | 12 | 2 | | | =WIRP1-K01 | S21 | =WIRP1+SAF/1.1 | |
| +SAF-WS01 | BN | =WIRP1-S01 | 21 | 3 | | | -XSNA1 | 3 | =WIRP1+SAF/1.1 | |
| +SAF-WS01 | BK | =WIRP1-S01 | 22 | 4 | | | =WIRP1-K01 | S31 | =WIRP1+SAF/1.1 | |
| | | -XS04 | 1 | 5 | | | =WIRP1-K04 | 34 | =WIRP1+SAF/3.4 | LIGHT CURTAIN DRIVES RELEASE |
| | | -XS04 | 2 | 6 | | | | | =WIRP1+SAF/3.4 | = |
| | | -XS05 | 1 | 7 | | | | | =WIRP1+SAF/3.4 | = |
| | | -XS05 | 2 | 8 | | | =WIRP1-K09 | A1 | =WIRP1+SAF/3.4 | = |
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| Change | Date | Name | Date | 14.02.06 |  |  | DP CANopen OPTIMIZED MP&A/AD&S | +SAF-XNA EMERGENCY STOP | Drawing number 33003614 | = TERP + | Pa. 5 |
| | | | Stand. | First. | | | | | | | |

Terminal diagram

ESSK007

Strip designation **+COM2-X03**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|-----------------|------------|-----------------|----------------------|
| | | =WIRP2-S01 | 13 | 1 | | | =WIRP2+PSD2-F03 | 2 | =WIRP2+COM2/1.1 | LEFT-BUTTON DRIVE 1 |
| | | =WIRP2-S01 | 14 | 2 | | I1.8.0 | +PLC2-K01 | 0 | =WIRP2+COM2/1.1 | = |
| | | =WIRP2-S02 | 14 | 3 | | I1.8.1 | +PLC2-K01 | 1 | =WIRP2+COM2/1.3 | STOP-BUTTON DRIVE 1 |
| | | =WIRP2-S03 | 14 | 4 | | I1.8.2 | +PLC2-K01 | 2 | =WIRP2+COM2/1.4 | RIGHT-BUTTON DRIVE 1 |
| | | -XS01 | PE | 5/PE | | | =WIRP2-PE | | =WIRP2+COM2/2.5 | = |
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Terminal diagram

ESSK007


Strip designation **+COM3-X03**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|-------|---------|------------|-----------------|------------|-----------------|----------------------|
| | | =WIRP3-S01 | 13 | 1 | | | =WIRP3+PSD3-F03 | 2 | =WIRP3+COM3/1.1 | LEFT-BUTTON DRIVE 1 |
| | | =WIRP3-S01 | 14 | 2 | | I1.9.0 | +PLC3-K01 | 0 | =WIRP3+COM3/1.1 | = |
| | | =WIRP3-S02 | 14 | 3 | | I1.9.1 | +PLC3-K01 | 1 | =WIRP3+COM3/1.3 | STOP-BUTTON DRIVE 1 |
| | | =WIRP3-S03 | 14 | 4 | | I1.9.2 | +PLC3-K01 | 2 | =WIRP3+COM3/1.4 | RIGHT-BUTTON DRIVE 1 |
| | | -XS01 | PE | 5/PE | | | =WIRP3-PE | | =WIRP3+COM3/2.5 | = |
| | | =WIRP3-S04 | 13 | 6 | | | -X03 | 1 | =WIRP3+COM3/3.1 | LEFT-BUTTON DRIVE 2 |
| | | =WIRP3-S04 | 14 | 7 | | I1.9.3 | +PLC3-K01 | 3 | =WIRP3+COM3/3.1 | = |
| | | =WIRP3-S05 | 14 | 8 | | I1.9.4 | +PLC3-K01 | 4 | =WIRP3+COM3/3.3 | STOP-BUTTON DRIVE 2 |
| | | =WIRP3-S06 | 14 | 9 | | I1.9.5 | +PLC3-K01 | 5 | =WIRP3+COM3/3.4 | RIGHT-BUTTON DRIVE 2 |
| | | -XS02 | PE | 10/PE | | | =WIRP3-PE | | =WIRP3+COM3/4.5 | = |
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| Date | | 14.02.06 | |    |  | DP CANopen OPTIMIZED | | +COM3-X03 CONTROL VOLTAGE | | Drawing number | | = TERP | | | |
| User. | | SEG | | | | MP&A/AD&S | | | | 33003614 | | + | | Pa. 7 | |
| Check. | | | | | | Created for | | | | Created by. | | 7 | | DCO | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | | | | | | | |

Terminal diagram

Strip designation **+PSD4-XWIRP4**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|-----------------|------------|------|---|------------|-----------------|------------|-----------------|--------------------------------|
| | | +PLC4-K02 | - | 1 |  | | -XWIR4 | 6 | =WIRP4+PSD4/2.3 | SUPPLY ABOUT CIRCUAR CONNECTOR |
| | | =WIRP4+SAF4-K04 | B2- | 2 | | | =WIRP4+MOV4-F01 | A2(-) | =WIRP4+PSD4/2.3 | = |
| | | =WIRP4-Res | | 3 | | | =WIRP4-Res | | =WIRP4+PSD4/2.3 | = |
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|--------|------|------|--------|--------|-------------|-------------|--|---------------------------------|--------------------|-----|---|--|--------|
| Change | Date | Name | Stand. | First. | Created for | Created by. | DP CANopen OPTIMIZED MP&A/AD&S +PSD4-XWIRP4 TERMINAL OV | Drawing number 33003614 8 | = TERP + DCO | Pa. | 8 | | |
| | | | | | | | | | | | | | 53 Bl. |
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Terminal diagram

ESSK007

Strip designation **+COM4-X03**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|-------|---------|------------|-----------------|------------|-----------------|----------------------|
| | | =WIRP4-S01 | 13 | 1 | | | =WIRP4+PSD4-F02 | 2 | =WIRP4+COM4/1.1 | LEFT-BUTTON DRIVE 1 |
| | | =WIRP4-S01 | 14 | 2 | | I1.10.0 | +PLC4-K01 | 0 | =WIRP4+COM4/1.1 | = |
| | | =WIRP4-S02 | 14 | 3 | | I1.10.1 | +PLC4-K01 | 1 | =WIRP4+COM4/1.3 | STOP-BUTTON DRIVE 1 |
| | | =WIRP4-S03 | 14 | 4 | | I1.10.2 | +PLC4-K01 | 2 | =WIRP4+COM4/1.4 | RIGHT-BUTTON DRIVE 1 |
| | | -XS01 | PE | 5/PE | | | =WIRP4-PE | | =WIRP4+COM4/2.5 | = |
| | | =WIRP4-S04 | 13 | 6 | | | =WIRP4+PSD4-F04 | 2 | =WIRP4+COM4/3.1 | LEFT-BUTTON DRIVE 2 |
| | | =WIRP4-S04 | 14 | 7 | | I1.10.3 | +PLC4-K01 | 3 | =WIRP4+COM4/3.1 | = |
| | | =WIRP4-S05 | 14 | 8 | | I1.10.4 | +PLC4-K01 | 4 | =WIRP4+COM4/3.3 | STOP-BUTTON DRIVE 2 |
| | | =WIRP4-S06 | 14 | 9 | | I1.10.5 | +PLC4-K01 | 5 | =WIRP4+COM4/3.4 | RIGHT-BUTTON DRIVE 2 |
| | | -XS02 | PE | 10/PE | | | =WIRP4-PE | | =WIRP4+COM4/4.5 | = |
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|--------|----------|------|----------------------|------------------------------|----------------|-------------|
| Date | 14.02.06 | | DP CANopen OPTIMIZED | +COM4-X03 CONTROL VOLTAGE | Drawing number | = TERP |
| User. | SEG | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 9 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 9 53 Bl. |

Terminal diagram

ESSK007

Strip designation +SAF4-XNA

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|----------------|------------|-----------------|---------------|
| | | -XSNA1 | 1 | 1 | | | =WIRP4-S01 | 11 | =WIRP4+SAF4/1.3 | HAN R15 |
| | | =WIRP4-S01 | 12 | 2 | | | -XSNA1 | 2 | =WIRP4+SAF4/1.1 | |
| | | -XSNA1 | 4 | 3 | | | =WIRP4-S01 | 21 | =WIRP4+SAF4/1.3 | |
| | | =WIRP4-S01 | 22 | 4 | | | -XSNA1 | 3 | =WIRP4+SAF4/1.2 | |
| | | -XS03 | 2 | 9 | | | =WIRP4-K04 | S22 | =WIRP4+SAF4/2.1 | = |
| | | -XS03 | 1 | 10 | | | =WIRP4-K04 | S21 | =WIRP4+SAF4/2.1 | |
| | | -XS03 | 4 | 11 | | | =WIRP4-K04 | S32 | =WIRP4+SAF4/2.2 | |
| | | -XS03 | 3 | 12 | | | =WIRP4-K04 | S31 | =WIRP4+SAF4/2.2 | |
| | | =WIRP4-SP05 | 13 | 13 | | | =WIRP4-K04 | S34 | =WIRP4+SAF4/2.4 | |
| | | =WIRP4-SP05 | 14 | 14 | | | =WIRP4-K04 | S33 | =WIRP4+SAF4/2.4 | |
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| Date | | 14.02.06 | |  | Schneider Electric | | DP CANopen OPTIMIZED | | +SAF4-XNA EMERGENCY STOP | Drawing number | | = TERP | | |
| User. | | SEG | | | | | | | | 33003614 | | + | | |
| Check. | | | | | MP&A/AD&S | | | | | | | Pa. | | 10 |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | | | DCO | | 53 Bl. | |

Terminal diagram

ESSK007

Strip designation +PSD-XWIR1

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|-------------|-------|----------------|------------|------|---------|------------|----------------|------------|----------------|--------------------------|
| +PSD-WWIR01 | BK | +PSD4-X01W4 | 1 | 1 | | | =WIRP1+SAF-K03 | 1 | =WIRP1+PSD/1.5 | HAN6 |
| +PSD-WWIR01 | BU | +PSD4-X01W4 | 2 | 2 | | | =WIRP1+SAF-K03 | 3 | =WIRP1+PSD/1.6 | CABINET +H4 SOFT STARTER |
| +PSD-WWIR01 | BN | +PSD4-X01W4 | 3 | 3 | | | =WIRP1+SAF-K03 | 5 | =WIRP1+PSD/1.6 | = |
| +PSD-WWIR01 | BK | +PSD4-X01W4 | 4 | 4 | | | =WIRP1-F01 | 3 | =WIRP1+PSD/1.6 | = |
| | | | | 5 | | | | | | |
| | | | | 6 | | | | | | |
| +PSD-WWIR01 | GNYE | +PSD4-X01W4 | PE | PE | | PE | | | =WIRP1+PSD/1.6 | = |
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| Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | +PSD-XWIR1 POWER SUPPLY WIRP1 | Drawing number | = TERP | | | |
| User. | SEG | | | MP&A/AD&S | | 33003614 | + | | | |
| Check. | | | | Created for | | 12 | DCO | Pa. 12 | | |
| Change | Date | Name | Stand. | First. | Created by. | | | | | |

Terminal diagram

ESSK007

Strip designation **+PSD-XWIR2**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|-------------|-------|----------------|------------|------|---------|------------|----------------|------------|----------------|--------------------------------|
| | | | | 1 | | | | | | |
| +PSD-WXWIR2 | 1 | +PSD2-XWIR2 | 2 | 2 | | | =WIRP1-F06 | 2 | =WIRP1+PSD/3.2 | HAN R15 |
| | | | | 3 | | | | | | |
| | | | | 4 | | | | | | |
| | | | | 5 | | | | | | |
| +PSD-WXWIR2 | 2 | +PSD2-XWIR2 | 6 | 6 | | | =WIRP1-T01 | OV | =WIRP1+PSD/3.2 | SUPPLY ABOUT CIRCUAR CONNECTOR |
| | | | | 7 | | | | | | |
| +PSD-WXWIR2 | PE | +PSD2-XWIR2 | PE | PE | | PE | | | =WIRP1+PSD/3.2 | = |
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|--------|------|----------|--------|--|----------------------|--|----------------------------------|--|----------------|--|--------|--|--------|--|
| Date | | 14.02.06 | |  | DP CANopen OPTIMIZED | | +PSD-XWIR2 POWER SUPPLY WIRP2 | | Drawing number | | = TERP | | | |
| User. | | SEG | | | MP&A/AD&S | | | | 33003614 | | + | | Pa. 13 | |
| Check. | | | | | Created for | | Created by. | | 13 | | DCO | | 53 Bl. | |
| Change | Date | Name | Stand. | First. | | | | | | | | | | |

Terminal diagram

ESSK007

Strip designation **+PSD-XWIR3**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|-------------|-------|----------------|------------|------|---------|------------|----------------|------------|----------------|--------------------------------|
| | | | | 1 | | | | | | |
| | | | | 2 | | | | | | |
| +PSD-WXWIR3 | 1 | +PSD3-XWIR3 | 3 | 3 | | | -X02 | 9 | =WIRP1+PSD/3.4 | HAN R15 |
| | | | | 4 | | | | | | |
| | | | | 5 | | | | | | |
| +PSD-WXWIR3 | 2 | +PSD3-XWIR3 | 6 | 6 | | | -X02 | 28 | =WIRP1+PSD/3.4 | SUPPLY ABOUT CIRCUAR CONNECTOR |
| | | | | 7 | | | | | | |
| +PSD-WXWIR3 | PE | +PSD3-XWIR3 | PE | PE | | PE | | | =WIRP1+PSD/3.4 | = |
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| | | Date | 14.02.06 | | DP CANopen OPTIMIZED MP&A/AD&S | +PSD-XWIR3 POWER SUPPLY WIRP3 | Drawing number | = TERP | |
| | | User. | SEG | | | | 33003614 | + | |
| Change | Date | Name | Stand. | | | | 14 | DCO | Pa. 14 53 Bl. |
| | | Check. | | First. | Created for | Created by. | | | |

Terminal diagram

ESSK007

Strip designation **+PSD-XWIR4**

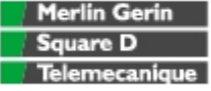

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|-------------|-------|----------------|------------|------|---------|------------|----------------|------------|----------------|--------------------------------|
| | | | | 1 | | | | | | |
| | | | | 2 | | | | | | |
| | | | | 3 | | | | | | |
| +PSD-WXWIR4 | 1 | +PSD4-XWIR4 | 4 | 4 | | | -X02 | 10 | =WIRP1+PSD/3.6 | HAN R15 |
| | | | | 5 | | | | | | |
| +PSD-WXWIR4 | 2 | +PSD4-XWIR4 | 6 | 6 | | | -X02 | 29 | =WIRP1+PSD/3.6 | SUPPLY ABOUT CIRCUAR CONNECTOR |
| | | | | 7 | | | | | | |
| +PSD-WXWIR4 | PE | +PSD4-XWIR4 | PE | PE | | PE | | | =WIRP1+PSD/3.6 | = |
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| | | Date | 14.02.06 |  | DP CANopen OPTIMIZED | +PSD-XWIR4 POWER SUPPLY WIRP4 | Drawing number 33003614 | = TERP | |
| | | User. | SEG | | MP&A/AD&S | | | + | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | 15 | DCO | 53 Bl. |

Terminal diagram

ESSK007





| Strip designation +PSD-XWIR5 | | | | | | | | | | |
|-------------------------------------|-------|------------------|------------|------|---------|------------|----------------|------------|----------------|--------------------------------|
| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
| +PSD-WXWIR5 | 1 | =WIRP5+COM5-K101 | IN24V- | 1 | | | -X02 | 11 | =WIRP1+PSD/3.7 | HAN R15 |
| +PSD-WXWIR5 | 2 | =WIRP5+COM5-K101 | IN24V- | 2 | | | -X02 | 12 | =WIRP1+PSD/3.7 | SUPPLY ABOUT CIRCUAR CONNECTOR |
| | | | | 3 | | | | | | |
| | | | | 4 | | | | | | |
| +PSD-WXWIR5 | 3 | =WIRP5+COM5-K101 | IN24V+ | 5 | | | -X02 | 30 | =WIRP1+PSD/3.8 | HAN R15 |
| +PSD-WXWIR5 | 4 | =WIRP5+COM5-K101 | IN24V+ | 6 | | | -X02 | 31 | =WIRP1+PSD/3.8 | SUPPLY ABOUT CIRCUAR CONNECTOR |
| | | | | 7 | | | | | | |
| +PSD-WXWIR5 | PE | PE | | PE | | PE | | | =WIRP1+PSD/3.8 | = |
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|--------|----------|--|----------------------|----------------------------------|----------------------------|-------------|--------|
| Date | 14.02.06 |   | DP CANopen OPTIMIZED | +PSD-XWIR5 POWER SUPPLY WIRP5 | Drawing number 33003614 | = TERP | |
| User. | SEG | | MP&A/AD&S | | | + | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | Pa. 16 |
| | | | | | | | DCO |
| | | | | | | | 53 Bl. |

Terminal diagram

ESSK007


| Strip designation +COM-XS01 | | | | | | | | | | |
|------------------------------------|-------|--------------------|------------|------|---------|------------|----------------|------------|-----------------|---------------|
| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
| +COM-WS01 | 1 | =WIRP1+VORORT-SP11 | 13 | 1 | | | -X03 | 1 | =WIRP1+COM/2. 1 | HAN R15 |
| +COM-WS01 | 2 | =WIRP1+VORORT-SP11 | 14 | 2 | | | -X03 | 2 | =WIRP1+COM/2. 1 | START |
| +COM-WS01 | 3 | =WIRP1+VORORT-S12 | 14 | 3 | | | -X03 | 3 | =WIRP1+COM/2. 3 | STOP |
| +COM-WS01 | 4 | =WIRP1+VORORT-SP13 | 14 | 4 | | | -X03 | 4 | =WIRP1+COM/2. 4 | MAN / AUTO |
| +COM-WS01 | 5 | =WIRP1+VORORT-SP11 | x1 | 5 | | | -X03 | 5 | =WIRP1+COM/2. 6 | OPERATION |
| +COM-WS01 | 6 | =WIRP1+VORORT-SP13 | x1 | 6 | | | -X03 | 6 | =WIRP1+COM/2. 8 | MANUAL MODE |
| +COM-WS01 | 7 | =WIRP1+VORORT-SP11 | x2 | 7 | | | -X03 | 7 | =WIRP1+COM/2. 6 | OPERATION |
| +COM-WS01 | PE | =WIRP1+VORORT-SP13 | PE | PE | | | -X03 | PE | =WIRP1+COM/2. 5 | MAN / AUTO |
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| Date | 14. 02. 06 |  |  | DP CANopen OPTIMIZED | +COM-XS01 PLUG START, STOP, MANUEL-AUTO | Drawing number | = TERP | |
| User. | SEG |  | | MP&A/AD&S | | 33003614 | + | Pa. |
| Check. | |  | | Created for | | 17 | DCO | 53 Bl. |
| Change | Date | Name | Stand. | First. | Created by. | | | |

Terminal diagram

ESSK007

| Strip designation +COM-XP01 | | | | | | | | | | | |
|------------------------------------|-------|-------------------|------------|------|---------|------------|----------------|------------|----------------|--------------------------------------|--|
| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text | |
| +COM-WP01 | 1 | =WIRP1+VORORT-P01 | 1 | 1 | | Q0.2 | -X03 | 9 | =WIRP1+COM/3.2 | HAN R15 | |
| +COM-WP01 | 2 | =WIRP1+VORORT-P01 | 2 | 2 | | Q0.3 | -X03 | 10 | =WIRP1+COM/3.3 | HAND MODE WHITE LAMP | |
| +COM-WP01 | 3 | =WIRP1+VORORT-P01 | 3 | 3 | | Q0.4 | -X03 | 11 | =WIRP1+COM/3.4 | PLANT ERROR RED SIGNAL LAMP | |
| +COM-WP01 | 4 | =WIRP1+VORORT-P01 | 4 | 4 | | Q0.7 | -X03 | 12 | =WIRP1+COM/3.5 | SAFETY ERROR UN AKNOWLEDGE BLUE LAMP | |
| | | | | 5 | | | | | | | |
| +COM-WP01 | 5 | =WIRP1+VORORT-P01 | 5 | 6 | | Q0.1 | -X03 | 13 | =WIRP1+COM/3.6 | RESERVE | |
| +COM-WP01 | 6 | =WIRP1+VORORT-P01 | C | 7 | | | -X03 | 14 | =WIRP1+COM/3.2 | OVDC | |
| +COM-WP01 | PE | =WIRP1+VORORT-P01 | 6 | PE | | PE | -X03 | PE | =WIRP1+COM/3.7 | PE | |
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| | | | Date | 14.02.06 |  | DP CANopen OPTIMIZED | +COM-XP01 SIGNAL LAMP | Drawing number | = TERP | |
| | | | User. | SEG | | | | 33003614 | + | |
| | | | Check. | | | MP&A/AD&S | | 18 | Pa. 18 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | DCO | 53 Bl. |

Terminal diagram





| Strip designation +COM-XSCAN1 | | | | | | | | | | |
|-------------------------------|-------|----------------|------------|------|---------|------------|----------------|------------|----------------|---------------|
| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
| +COM-W1 | 1 | +PLC2-XSCAN1 | 1 | 1 | | | =WIRP1-XCA2 | 2 | =WIRP1+COM/4.7 | |
| | | | | 2 | | | | | | |
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Terminal diagram

ESSK007

Strip designation **+MOV-XM01**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|-------------------|------------|------|---------|------------|----------------|------------|----------------|---------------|
| +MOV-WM01 | BK | =WIRP1+VORORT-M01 | U | 1 | | | =WIRP1+SAF-K06 | 2 | =WIRP1+MOV/1.1 | HAN6 |
| +MOV-WM01 | BU | =WIRP1+VORORT-M01 | V | 2 | | | =WIRP1+SAF-K06 | 4 | =WIRP1+MOV/1.1 | DRIVE 1 |
| +MOV-WM01 | BN | =WIRP1+VORORT-M01 | W | 3 | | | =WIRP1+SAF-K06 | 6 | =WIRP1+MOV/1.1 | = |
| | | | | 4 | | | | | | |
| | | | | 5 | | | | | | |
| | | | | 6 | | | | | | |
| +MOV-WM01 | GNYE | =WIRP1+VORORT-M01 | PE | PE | | PE | =WIRP1-T01 | PE | =WIRP1+MOV/1.2 | = |
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| | | | Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | +MOV-XM01 MOTOR1 | Drawing number | = TERP |
| | | | User. | SEG | | | MP&A/AD&S | | 33003614 | + |
| Change | Date | Name | Stand. | First. | | | Created for | | Created by. | 20 |

Terminal diagram

ESSK007

| Strip designation +MOV-XM02 | | | | | | | | | | |
|------------------------------------|-------|-------------------|------------|------|---------|------------|----------------|------------|----------------|---------------|
| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
| +MOV-WM02 | BK | =WIRP1+VORORT-M02 | U | 1 | | | =WIRP1+SAF-K07 | 2 | =WIRP1+MOV/2.1 | HAN6 |
| +MOV-WM02 | BU | =WIRP1+VORORT-M02 | V | 2 | | | =WIRP1+SAF-K07 | 4 | =WIRP1+MOV/2.1 | DRIVE 2 |
| +MOV-WM02 | BN | =WIRP1+VORORT-M02 | W | 3 | | | =WIRP1+SAF-K07 | 6 | =WIRP1+MOV/2.1 | = |
| | | | | 4 | | | | | | |
| | | | | 5 | | | | | | |
| | | | | 6 | | | | | | |
| +MOV-WM02 | GNYE | =WIRP1+VORORT-M02 | PE | PE | | PE | =WIRP1-T02 | PE | =WIRP1+MOV/2.2 | = |
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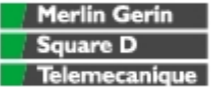

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Terminal diagram

ESSK007

| Strip designation +MOV-XM03 | | | | | | | | | | |
|------------------------------------|-------|-------------------|------------|------|---------|------------|----------------|------------|----------------|---------------|
| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
| +MOV-WM03 | BK | =WIRP1+VORORT-M03 | U | 1 | | | =WIRP1+SAF-K08 | 2 | =WIRP1+MOV/3.1 | HAN6 |
| +MOV-WM03 | BU | =WIRP1+VORORT-M03 | V | 2 | | | =WIRP1+SAF-K08 | 4 | =WIRP1+MOV/3.1 | DRIVE 3' |
| +MOV-WM03 | BN | =WIRP1+VORORT-M03 | W | 3 | | | =WIRP1+SAF-K08 | 6 | =WIRP1+MOV/3.1 | = |
| | | | | 4 | | | | | | |
| | | | | 5 | | | | | | |
| | | | | 6 | | | | | | |
| +MOV-WM03 | GNYE | =WIRP1+VORORT-M03 | PE | PE | | PE | =WIRP1-T03 | PE | =WIRP1+MOV/3.2 | = |
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| Date | 14.02.06 |   | DP CANopen OPTIMIZED | +MOV-XM03 MOTOR3 | Drawing number 33003614 | = TERP + | | | | | | |
| User. | SEG | | MP&A/AD&S | | | | | | | | | |
| Check. | | | Created by. | | | | | | | | | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | | 22 | Pa. | 22 |
| | | | | | | | | | | 22 | DCO | 53 Bl. |

Terminal diagram

ESSK007

Strip designation **+MOV-XM04**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|-------------------|------------|------|---------|------------|----------------|------------|----------------|---------------|
| +MOV-WM04 | BK | =WIRP1+VORORT-M04 | U | 1 | | | =WIRP1+SAF-K09 | 2 | =WIRP1+MOV/4.1 | HAN6 |
| +MOV-WM04 | BU | =WIRP1+VORORT-M04 | V | 2 | | | =WIRP1+SAF-K09 | 4 | =WIRP1+MOV/4.1 | DRIVE 4 |
| +MOV-WM04 | BN | =WIRP1+VORORT-M04 | W | 3 | | | =WIRP1+SAF-K09 | 6 | =WIRP1+MOV/4.1 | = |
| | | | | 4 | | | | | | |
| | | | | 5 | | | | | | |
| | | | | 6 | | | | | | |
| +MOV-WM04 | GYE | =WIRP1+VORORT-M04 | PE | PE | | PE | =WIRP1-T04 | PE | =WIRP1+MOV/4.2 | = |
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|--------|----------|--|----------------------|---------------------|----------------------------|-------------|----|-----|--------|--------|
| Date | 14.02.06 |  | DP CANopen OPTIMIZED | +MOV-XM04 MOTOR4 | Drawing number 33003614 | = TERP + | | | | |
| User. | SEG | | MP&A/AD&S | | | | | | | |
| Check. | | | Created by. | | | | | | | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | 23 | DCO | Pa. 23 | 53 Bl. |

Terminal diagram

ESSK007

Strip designation +SAF-XSNA1

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|----------------|------------|----------------|---------------|
| | | +SAF4-XSNA1 | 1 | 1 | | | -XNA | 1 | =WIRP1+SAF/1.2 | HAN R15 |
| | | +SAF4-XSNA1 | 2 | 2 | | | =WIRP1-K01 | S22 | =WIRP1+SAF/1.2 | |
| | | +SAF4-XSNA1 | 3 | 3 | | | -XNA | 3 | =WIRP1+SAF/1.2 | |
| | | +SAF4-XSNA1 | 4 | 4 | | | =WIRP1-K01 | S32 | =WIRP1+SAF/1.2 | |
| | | | | 5 | | | | | | |
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|--------|----------|---|--|----------------------|------------------------------------|----------------|--------|
| Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | +SAF-XSNA1 EMERGENCY STOP WIRP4 | Drawing number | = TERP |
| User. | SEG | | | MP&A/AD&S | | 33003614 | + |
| Check. | | | | Created by. | | 24 | DCO |
| Change | Date | Name | Stand. | First. | Created for | Created by. | |

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Terminal diagram

ESSK007

Strip designation +SAF-XS04

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|----------------|------------|----------------|------------------------------|
| +SAF-WS04 | BN | =WIRP1-S04 | 21 | 1 | | | -XNA | 5 | =WIRP1+SAF/3.4 | LIGHT CURTAIN DRIVES RELEASE |
| +SAF-WS04 | BU | =WIRP1-S04 | 22 | 2 | | | -XNA | 6 | =WIRP1+SAF/3.4 | = |
| | | | | 3 | | | | | | |
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|--------|----------|
| Date | 14.02.06 |
| User. | SEG |
| Check. | |
| Stand. | |

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DP CANopen OPTIMIZED
MP&A/AD&S
Created by

+SAF-XS04
LIMIT SWITCH

Drawing number
33003614
25

= TERP
+
DCO




Pa. 25
53 Bl.

Terminal diagram

ESSK007

Strip designation +SAF-XS05

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|----------------|------------|----------------|------------------------------|
| +SAF-WS05 | BN | =WIRP1-S05 | 21 | 1 | | | -XNA | 7 | =WIRP1+SAF/3.4 | LIGHT CURTAIN DRIVES RELEASE |
| +SAF-WS05 | BU | =WIRP1-S05 | 22 | 2 | | | -XNA | 8 | =WIRP1+SAF/3.4 | = |
| | | | | 3 | | | | | | |
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| Change | Date | Name | Date | 14.02.06 |    | DP CANopen OPTIMIZED | +SAF-XS05 LIMIT SWITCH | Drawing number 33003614 | = TERP | |
| | | | Stand. | | | | | | Pa. | 26 |
| | | | Stand. | | First. | Created for | Created by. | 26 | DCO | 53 Bl. |

Terminal diagram

ESSK007

Strip designation +PSD2-XWIR2

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|-------------|-------|----------------|------------|------|---------|------------|----------------|------------|-----------------|--------------------------------|
| | | | | 1 | | | | | | |
| +PSD-WXWIR2 | 1 | +PSD-XWIR2 | 2 | 2 | | | =WIRP2-F01 | 1 | =WIRP2+PSD2/1.1 | HAN R15 |
| | | | | 3 | | | | | | |
| | | | | 4 | | | | | | |
| | | | | 5 | | | | | | |
| +PSD-WXWIR2 | 2 | +PSD-XWIR2 | 6 | 6 | | | +PLC2-K01 | - | =WIRP2+PSD2/1.1 | SUPPLY ABOUT CIRCUAR CONNECTOR |
| | | | | 7 | | | | | | |
| +PSD-WXWIR2 | PE | +PSD-XWIR2 | PE | PE | | PE | | | =WIRP2+PSD2/1.1 | = |
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| | | Date | 14.02.06 |  | DP CANopen OPTIMIZED | +PSD2-XWIR2 POWER SUPPLY WIRP 2 | Drawing number 33003614 | = TERP | | | |
| | | User. | SEG | | MP&A/AD&S | | | + | | Pa. | 27 |
| Change | Date | Name | Stand. | | First. | | | Created for | Created by. | | |

Terminal diagram

ESSK007

Strip designation **+PLC2-XSCAN1**




| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|----------------|------------|-----------------|---------------|
| | | | | 1 | | | +COM-XSCAN1 | 1 | =WIRP2+PLC2/1.6 | CANOPEN |
| | | | | 2 | | | | | | |
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| | | Date | 14.02.06 | | | DP CANopen OPTIMIZED | +PLC2-XSCAN1 CANOPEN | Drawing number 33003614 | = TERP | |
| | | User. | SEG | | | MP&A/AD&S | | | + | |
| Change | Date | Name | Stand. | | | First. | | | Created for | Created by. |
| | | | | | | | | 28 | DCO | 53 Bl. |

Terminal diagram

ESSK007


| Strip designation +PLC2-XSCAN2 | | | | | | | | | | |
|--------------------------------|-------|----------------|------------|------|---------|------------|----------------|------------|-----------------|---------------|
| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
| | | +PLC3-XSCAN1 | 1 | 1 | | | | | =WIRP2+PLC2/1.7 | CANOPEN |
| | | | | 2 | | | | | | |
| | | | | 3 | | | | | | |
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|----------|--------|--------|----------------|-------------|--|----------------------|-------------------------|---|----------------|--------|----------|---|----|--------|
| Change | Date | Name | Date | 14.02.06 |    | DP CANopen OPTIMIZED | +PLC2-XSCAN2 CANOPEN | <table border="1"> <tr> <td>Drawing number</td> <td>= TERP</td> </tr> <tr> <td>33003614</td> <td>+</td> </tr> <tr> <td>29</td> <td>Pa. 29</td> </tr> </table> | Drawing number | = TERP | 33003614 | + | 29 | Pa. 29 |
| | | | Drawing number | = TERP | | | | | | | | | | |
| 33003614 | + | | | | | | | | | | | | | |
| 29 | Pa. 29 | | | | | | | | | | | | | |
| Stand. | | First. | Created for | Created by. | DCO | 53 Bl. | | | | | | | | |

Terminal diagram

ESSK007

| Strip designation +COM2-XS01 | | | | | | | | | | |
|------------------------------|-------|-------------------|------------|------|---------|------------|----------------|------------|-----------------|----------------------|
| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
| +COM2-WS01 | 1 | =WIRP2+VORORT-S11 | 13 | 1 | | | -X03 | 1 | =WIRP2+COM2/2.2 | HAN R15 |
| +COM2-WS01 | 2 | =WIRP2+VORORT-S11 | 14 | 2 | | | -X03 | 2 | =WIRP2+COM2/2.2 | LEFT-BUTTON DRIVE 1 |
| +COM2-WS01 | 3 | =WIRP2+VORORT-S12 | 14 | 3 | | | -X03 | 3 | =WIRP2+COM2/2.3 | STOP-BUTTON DRIVE 1 |
| +COM2-WS01 | 4 | =WIRP2+VORORT-S13 | 14 | 4 | | | -X03 | 4 | =WIRP2+COM2/2.5 | RIGHT-BUTTON DRIVE 1 |
| | | | | 5 | | | | | | |
| | | | | 6 | | | | | | |
| | | | | 7 | | | | | | |
| +COM2-WS01 | PE | =WIRP2+VORORT-S13 | PE | PE | | | -X03 | PE | =WIRP2+COM2/2.5 | = |
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| Date | 14.02.06 |  | DP CANopen OPTIMIZED MP&A/AD&S | +COM2-XS01 PLUG START, STOP, MANUEL-AUTO | Drawing number | = TERP | | |
| User. | SEG | | | | 33003614 | + | | |
| Check. | | | | | 30 | Pa. 30 | | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | DCO | 53 Bl. |

Terminal diagram

ESSK007

Strip designation **+PSD3-XWIR3**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|-------------|-------|----------------|------------|------|---------|------------|----------------|------------|-----------------|--------------------------------|
| | | | | 1 | | | | | | |
| | | | | 2 | | | | | | |
| +PSD-WXWIR3 | 1 | +PSD-XWIR3 | 3 | 3 | | | =WIRP3-F01 | 1 | =WIRP3+PSD3/1.1 | HAN R15 |
| | | | | 4 | | | | | | |
| | | | | 5 | | | | | | |
| +PSD-WXWIR3 | 2 | +PSD-XWIR3 | 6 | 6 | | | +PLC3-K01 | - | =WIRP3+PSD3/1.1 | SUPPLY ABOUT CIRCUAR CONNECTOR |
| | | | | 7 | | | | | | |
| +PSD-WXWIR3 | PE | +PSD-XWIR3 | PE | PE | | PE | | | =WIRP3+PSD3/1.1 | = |
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| Change | Date | Name | Stand. | First. | Created for | Created by. | DP CANopen OPTIMIZED MP&A/AD&S | +PSD3-XWIR3 POWER SUPPLY WIRP 3 | Drawing number 33003614 | = TERP + | |
| | | | | | | | | | 31 | DCO | Pa. 31 |
| | | | | | | | | | | | 53 Bl. |



Terminal diagram

ESSK007

| Strip designation +PLC3-XSCAN1 | | | | | | | | | | |
|--------------------------------|-------|----------------|------------|------|---------|------------|----------------|------------|-----------------|---------------|
| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
| | | | | 1 | | | +PLC2-XSCAN2 | 1 | =WIRP3+PLC3/1.7 | CANOPEN |
| | | | | 2 | | | | | | |
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| Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | +PLC3-XSCAN1 CANOPEN | Drawing number | = TERP | | | |
| User. | SEG | | | MP&A/AD&S | | 33003614 | + | | | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | 32 | DCO | Pa. 32 | 53 Bl. |

Terminal diagram

ESSK007

Strip designation **+PLC3-XSCAN2**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|----------------|------------|-----------------|---------------|
| | | +PLC4-XSCAN1 | 1 | 1 | | | | | =WIRP3+PLC3/1.7 | CANOPEN |
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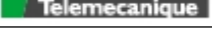
| | | | | | | | | |
|--------|--------|----------|---|--|----------------------|--------------|----------------|--------|
| | Date | 14.02.06 |  |  | DP CANopen OPTIMIZED | +PLC3-XSCAN2 | Drawing number | = TERP |
| | User. | SEG |  | | | | 33003614 | + |
| | Check. | |  | | MP&A/AD&S | | 33 | Pa. 33 |
| Change | Date | Name | Stand. | First. | Created for | Created by. | 33 | DCO |

Terminal diagram

ESSK007

Strip designation +COM3-XS01

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|-------------------|------------|------|---------|------------|----------------|------------|-----------------|----------------------|
| +COM3-WS01 | 1 | =WIRP3+VORORT-S11 | 13 | 1 | | | -X03 | 1 | =WIRP3+COM3/2.1 | HAN R15 |
| +COM3-WS01 | 2 | =WIRP3+VORORT-S11 | 14 | 2 | | | -X03 | 2 | =WIRP3+COM3/2.1 | LEFT-BUTTON DRIVE 1 |
| +COM3-WS01 | 3 | =WIRP3+VORORT-S12 | 14 | 3 | | | -X03 | 3 | =WIRP3+COM3/2.3 | STOP-BUTTON DRIVE 1 |
| +COM3-WS01 | 4 | =WIRP3+VORORT-S13 | 14 | 4 | | | -X03 | 4 | =WIRP3+COM3/2.4 | RIGHT-BUTTON DRIVE 1 |
| | | | | 5 | | | | | | |
| | | | | 6 | | | | | | |
| | | | | 7 | | | | | | |
| +COM3-WS01 | PE | =WIRP3+VORORT-S13 | PE | PE | | | -X03 | PE | =WIRP3+COM3/2.5 | = |
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| Date | 14. 02. 06 |  |  | DP CANopen OPTIMIZED MP&A/AD&S | +COM3-XS01 CONVEYOR 3 | Drawing number | = TERP | | |
| User. | SEG |  | | | | 33003614 | + | Pa. | 34 |
| Check. | |  | | | | 34 | DCO | 53 Bl. | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | |

Terminal diagram

ESSK007

Strip designation **+COM3-XS02**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|-------------------|------------|------|---------|------------|----------------|------------|-----------------|----------------------|
| +COM3-WS02 | 1 | =WIRP3+VORORT-S21 | 13 | 1 | | | -X03 | 6 | =WIRP3+COM3/4.1 | HAN R15 |
| +COM3-WS02 | 2 | =WIRP3+VORORT-S21 | 14 | 2 | | | -X03 | 7 | =WIRP3+COM3/4.1 | LEFT-BUTTON DRIVE 2 |
| +COM3-WS02 | 3 | =WIRP3+VORORT-S22 | 14 | 3 | | | -X03 | 8 | =WIRP3+COM3/4.3 | STOP-BUTTON DRIVE 2 |
| +COM3-WS02 | 4 | =WIRP3+VORORT-S23 | 14 | 4 | | | -X03 | 9 | =WIRP3+COM3/4.5 | RIGHT-BUTTON DRIVE 2 |
| +COM3-WS02 | PE | =WIRP3+VORORT-S23 | PE | PE | | | -X03 | PE | =WIRP3+COM3/4.5 | = |
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| Date | | 14.02.06 |  |  | DP CANopen OPTIMIZED | +COM3-XS02 BUTTON ON LOCATION | Drawing number 33003614 | = TERP | |
| User. | | SEG | | | MP&A/AD&S | | | + | |
| Check. | | | | | Created by. | | | DCO | Pa. |
| Change | Date | Name | Stand. | First. | Created for | Created by. | 35 | DCO | 53 Bl. |

Terminal diagram

ESSK007

Strip designation +PSD4-X01W4

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|-------------|-------|----------------|------------|------|---------|------------|-----------------|------------|-----------------|------------------------------|
| +PSD-WWIRO1 | BK | +PSD-XWIR1 | 1 | 1 | | | =WIRP4-F01 | 1 | =WIRP4+PSD4/1.1 | HAN6 |
| +PSD-WWIRO1 | BU | +PSD-XWIR1 | 2 | 2 | | | =WIRP4+SAF4-K05 | 3 | =WIRP4+PSD4/1.1 | POWER SUPPLY FROM MAIN PANEL |
| +PSD-WWIRO1 | BN | +PSD-XWIR1 | 3 | 3 | | | =WIRP4+SAF4-K05 | 5 | =WIRP4+PSD4/1.1 | = |
| +PSD-WWIRO1 | BK | +PSD-XWIR1 | 4 | 4 | | | =WIRP4-F01 | 3 | =WIRP4+PSD4/1.2 | = |
| | | | | 5 | | | | | | |
| | | | | 6 | | | | | | |
| +PSD-WWIRO1 | GNYE | +PSD-XWIR1 | PE | PE | | PE | PE | | =WIRP4+PSD4/1.2 | = |
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| Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | +PSD4-X01W4 POWER SUPPLY WIRP4 | Drawing number | | = TERP | |
| User. | SEG | | | MP&A/AD&S | | 33003614 | + | Pa. | 36 |
| Check. | | | | Created for | | 36 | DCO | 53 Bl. | |
| Change | Date | | | Name | | Stand. | First. | Created by. | |

Terminal diagram

ESSK007

Strip designation **+PSD4-XWIR4**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|-------------|-------|----------------|------------|------|---------|------------|----------------|------------|-----------------|--------------------------------|
| | | | | 1 | | | | | | |
| | | | | 2 | | | | | | |
| | | | | 3 | | | | | | |
| +PSD-WXWIR4 | 1 | +PSD-XWIR4 | 4 | 4 | | | =WIRP4-F02 | 1 | =WIRP4+PSD4/2.1 | HAN R15 |
| | | | | 5 | | | | | | |
| +PSD-WXWIR4 | 2 | +PSD-XWIR4 | 6 | 6 | | | -XWIRP4 | 1 | =WIRP4+PSD4/2.1 | SUPPLY ABOUT CIRCUAR CONNECTOR |
| | | | | 7 | | | | | | |
| +PSD-WXWIR4 | PE | +PSD-XWIR4 | PE | PE | | PE | | | =WIRP4+PSD4/2.1 | = |
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|--------|----------|--|----------------------|--------------------------------------|----------------------------|--------|--------|
| Date | 14.02.06 |  | DP CANopen OPTIMIZED | +PSD4-XWIR4 CONTROL VOLTAGE WIRP4 | Drawing number 33003614 | = TERP | |
| User. | SEG | | MP&A/AD&S | | | DCO | + |
| Check. | | | Created for | Created by. | 37 | | Pa. 37 |
| Change | Date | Name | Stand. | First. | | 53 Bl. | |

Terminal diagram

ESSK007

Strip designation **+PLC4-XSCAN1**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|----------------|------------|-----------------|---------------|
| | | | | 1 | | | +PLC3-XSCAN2 | 1 | =WIRP4+PLC4/1.6 | CANOPEN |
| | | | | 2 | | | | | | |
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|--------|------|------|--------|--------|-------------|-------------|-----------------------------------|-------------------------|----------------------------|-------------|--------|
| Change | Date | Name | Stand. | First. | Created for | Created by. | DP CANopen OPTIMIZED MP&A/AD&S | +PLC4-XSCAN1 CANOPEN | Drawing number 33003614 | = TERP + | Pa. 38 |
| | | | | | | | | | 38 | DCO | 53 Bl. |



Terminal diagram

ESSK007

Strip designation +PLC4-XSCAN2

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|------------------|------------|------|---------|------------|----------------|------------|-----------------|---------------|
| | | =WIRP5+COM5-K101 | INBUS | 1 | | | | | =WIRP4+PLC4/3.7 | CANOPEN |
| | | | | 2 | | | | | | |
| | | | | 3 | | | | | | |
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Terminal diagram

ESSK007

Strip designation **+COM4-XS01**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|-------------------|------------|------|---------|------------|----------------|------------|-----------------|----------------------|
| +COM4-WS01 | 1 | =WIRP4+VORORT-S11 | 13 | 1 | | | -X03 | 1 | =WIRP4+COM4/2.1 | HAN R15 |
| +COM4-WS01 | 2 | =WIRP4+VORORT-S11 | 14 | 2 | | | -X03 | 2 | =WIRP4+COM4/2.1 | LEFT-BUTTON DRIVE 1 |
| +COM4-WS01 | 3 | =WIRP4+VORORT-S12 | 14 | 3 | | | -X03 | 3 | =WIRP4+COM4/2.3 | STOP-BUTTON DRIVE 1 |
| +COM4-WS01 | 4 | =WIRP4+VORORT-S13 | 14 | 4 | | | -X03 | 4 | =WIRP4+COM4/2.4 | RIGHT-BUTTON DRIVE 1 |
| | | | | 5 | | | | | | |
| | | | | 6 | | | | | | |
| | | | | 7 | | | | | | |
| +COM4-WS01 | PE | =WIRP4+VORORT-S13 | PE | PE | | | -X03 | PE | =WIRP4+COM4/2.5 | = |
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|--------|------|------|--------|--------|-------------|-------------|-----------------------------------|---|----------------------------------|--------------------|------------------|
| Change | Date | Name | Stand. | First. | Created for | Created by. | DP CANopen OPTIMIZED MP&A/AD&S | +COM4-XS01 PLUG START, STOP, MANUEL-AUTO | Drawing number 33003614 40 | = TERP + DCO | Pa. 40 53 Bl. |
|--------|------|------|--------|--------|-------------|-------------|-----------------------------------|---|----------------------------------|--------------------|------------------|

Terminal diagram

ESSK007

Strip designation **+COM4-XS02**

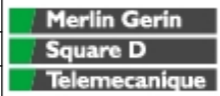

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|-------------------|------------|------|---------|------------|----------------|------------|-----------------|----------------------|
| +COM4-WS04 | 1 | =WIRP4+VORORT-S21 | 13 | 1 | | | -X03 | 6 | =WIRP4+COM4/4.1 | HAN R15 |
| +COM4-WS04 | 2 | =WIRP4+VORORT-S21 | 14 | 2 | | | -X03 | 7 | =WIRP4+COM4/4.1 | LEFT-BUTTON DRIVE 2 |
| +COM4-WS04 | 3 | =WIRP4+VORORT-S22 | 14 | 3 | | | -X03 | 8 | =WIRP4+COM4/4.3 | STOP-BUTTON DRIVE 2 |
| +COM4-WS04 | 4 | =WIRP4+VORORT-S23 | 14 | 4 | | | -X03 | 9 | =WIRP4+COM4/4.4 | RIGHT-BUTTON DRIVE 2 |
| | | | | 5 | | | | | | |
| | | | | 6 | | | | | | |
| | | | | 7 | | | | | | |
| +COM4-WS04 | PE | =WIRP4+VORORT-S23 | PE | PE | | | -X03 | PE | =WIRP4+COM4/4.5 | = |
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| Change | Date | Name | Date | | DP CANopen OPTIMIZED | +COM4-XS02 CONVEYOR 2 | Drawing number | = TERP |
| | | | Stand. | | First. | | Created for | Created by. |
| | | | | | | | 41 | DCO |
| | | | | | | | | 41 |

Terminal diagram

ESSK007

| Strip designation +MOV4-XM01 | | | | | | | | | | |
|------------------------------|-------|-------------------|------------|------|---------|------------|----------------|------------|-----------------|---------------|
| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
| +MOV4-WM01 | 1 | =WIRP4+VORORT-M01 | U | 1 | | | =WIRP4-F01 | 2 | =WIRP4+MOV4/1.1 | HAN6 |
| +MOV4-WM01 | 2 | =WIRP4+VORORT-M01 | V | 2 | | | =WIRP4-F01 | 4 | =WIRP4+MOV4/1.1 | DRIVE 1 |
| +MOV4-WM01 | 3 | =WIRP4+VORORT-M01 | W | 3 | | | =WIRP4-F01 | 6 | =WIRP4+MOV4/1.1 | = |
| | | | | 4 | | | | | | |
| | | | | 5 | | | | | | |
| | | | | 6 | | | | | | |
| +MOV4-WM01 | PE | =WIRP4+VORORT-M01 | PE | PE | | | =WIRP4-PE | | =WIRP4+MOV4/1.2 | = |
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|--------|----------|---|--|----------------------|-----------------------|----------------------------|--------|--------|
| Date | 14.02.06 |  |  | DP CANopen OPTIMIZED | +MOV4-XM01 MOTOR 1 | Drawing number 33003614 | = TERP | |
| User. | SEG | | | MP&A/AD&S | | + 42 | Pa. 42 | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | DCO | 53 Bl. |

Terminal diagram

ESSK007

Strip designation **+MOV4-XM02**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|-------------------|------------|------|---------|------------|----------------|------------|-----------------|---------------|
| +MOV4-WM02 | 1 | =WIRP4+VORORT-M02 | U | 1 | | | =WIRP4-F02 | 2 | =WIRP4+MOV4/2.1 | HAN6 |
| +MOV4-WM02 | 2 | =WIRP4+VORORT-M02 | V | 2 | | | =WIRP4-F02 | 4 | =WIRP4+MOV4/2.1 | DRIVE 2 |
| +MOV4-WM02 | 3 | =WIRP4+VORORT-M02 | W | 3 | | | =WIRP4-F02 | 6 | =WIRP4+MOV4/2.1 | = |
| | | | | 4 | | | | | | |
| | | | | 5 | | | | | | |
| | | | | 6 | | | | | | |
| +MOV4-WM02 | PE | =WIRP4+VORORT-M02 | PE | PE | | | =WIRP4-PE | | =WIRP4+MOV4/2.2 | = |
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|--------|------|-------|----------|--|---|-----------------------|----------------------------|--------------------|---------------------|
| | | Date | 14.02.06 |  | DP CANopen OPTIMIZED MP&A/AD&S Created for Created by. | +MOV4-XM02 MOTOR 2 | Drawing number 33003614 | = TERP + DCO | Pa. 43 53 Bl. |
| | | User. | SEG | | | | | | |
| Change | Date | Name | Stand. | | | | | | |

Terminal diagram

ESSK007

Strip designation **+SAF4-XSNA1**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|----------------|------------|-----------------|---------------|
| | | -XNA | 1 | 1 | | | +SAF-XSNA1 | 1 | =WIRP4+SAF4/1.3 | |
| | | +SAF-XSNA1 | 2 | 2 | | | -XNA | 2 | =WIRP4+SAF4/1.1 | HAN R15 |
| | | +SAF-XSNA1 | 3 | 3 | | | -XNA | 4 | =WIRP4+SAF4/1.2 | |
| | | -XNA | 3 | 4 | | | +SAF-XSNA1 | 4 | =WIRP4+SAF4/1.3 | |
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| Date | 14. 02. 06 | | DP CANopen OPTIMIZED | +SAF4-XSNA1 EMERGENCY STOP PUSHBUTTON | Drawing number | = TERP | |
| User. | SEG | | MP&A/AD&S | | 33003614 | + | |
| Check. | | | | | | Created for | 44 |
| Change | Date | | Name | | Stand. | | |

Terminal diagram

ESSK007

| Strip designation +SAF4-XS03 | | | | | | | | | | |
|--|-------|-------------------|------------|------|---------|------------|----------------|------------|-----------------|---------------|
| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
| +SAF4-WS03 | BK | =WIRP4+VORORT-S03 | 22 | 1 | | | -XNA | 10 | =WIRP4+SAF4/2.1 | |
| +SAF4-WS03 | BU | =WIRP4+VORORT-S03 | 21 | 2 | | | -XNA | 9 | =WIRP4+SAF4/2.1 | |
| +SAF4-WS03 | BN | =WIRP4+VORORT-S03 | 32 | 3 | | | -XNA | 12 | =WIRP4+SAF4/2.2 | |
| +SAF4-WS03 | BK | =WIRP4+VORORT-S03 | 31 | 4 | | | -XNA | 11 | =WIRP4+SAF4/2.2 | |
| | | | | 5 | | | | | | |
| | | | | 6 | | | | | | |
| | | | | 7 | | | | | | |
| +SAF4-WS03 | GNYE | =WIRP4+VORORT-S03 | PE | PE | | | =WIRP4-PE | | =WIRP4+SAF4/2.2 | |
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Terminal diagram





ESSK007

Strip designation +COM5-K101

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|----------------|------------|------------------|---------------|
| | | | | 51 | | 05.1 | =WIRP5-K101 | 05.1 | =WIRP5+COM5/10.5 | Reserve |
| | | | | 52 | | 05.2 | =WIRP5-K101 | 05.2 | =WIRP5+COM5/10.6 | = |
| | | | | 53 | | 05.3 | =WIRP5-K101 | 05.3 | =WIRP5+COM5/10.7 | = |
| | | | | 54 | | 05.4 | =WIRP5-K101 | 05.4 | =WIRP5+COM5/10.7 | = |
| | | | | 55 | | 05.5 | =WIRP5-K101 | 05.5 | =WIRP5+COM5/10.8 | = |
| | | | | 61 | | 06.1 | =WIRP5-K101 | 06.1 | =WIRP5+COM5/11.1 | = |
| | | | | 62 | | 06.2 | =WIRP5-K101 | 06.2 | =WIRP5+COM5/11.1 | = |
| | | | | 63 | | 06.3 | =WIRP5-K101 | 06.3 | =WIRP5+COM5/11.2 | = |
| | | | | 64 | | 06.4 | =WIRP5-K101 | 06.4 | =WIRP5+COM5/11.3 | = |
| | | | | 65 | | 06.5 | =WIRP5-K101 | 06.5 | =WIRP5+COM5/11.4 | = |
| | | | | 71 | | 07.1 | =WIRP5-K101 | 07.1 | =WIRP5+COM5/11.5 | = |
| | | | | 72 | | 07.2 | =WIRP5-K101 | 07.2 | =WIRP5+COM5/11.6 | = |
| | | | | 73 | | 07.3 | =WIRP5-K101 | 07.3 | =WIRP5+COM5/11.7 | = |
| | | | | 74 | | 07.4 | =WIRP5-K101 | 07.4 | =WIRP5+COM5/11.7 | = |
| | | | | 75 | | 07.5 | =WIRP5-K101 | 07.5 | =WIRP5+COM5/11.8 | = |
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| Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | +COM5-K101 FTB | Drawing number 33003614 | = TERP | |
| User. | SEG | | | MP&A/AD&S | | | + | |
| Check. | | | | Created for | | | DCO | Pa. |
| Change | Date | Name | Stand. | First. | Created by. | 47 | 53 Bl. | |

Terminal diagram

ESSK007

Strip designation +COM5-K102

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|----------------|------------|------------------|--------------------|
| +COM5-WB04 | 1 | =WIRP5-B04 | 1 | 01 | | 00.1 | =WIRP5-K102 | 00.1 | =WIRP5+COM5/12.1 | 24V+ |
| | | | | 02 | | 00.2 | =WIRP5-K102 | 00.2 | =WIRP5+COM5/12.1 | OUT |
| +COM5-WB04 | 2 | =WIRP5-B04 | 3 | 03 | | 00.3 | =WIRP5-K102 | 00.3 | =WIRP5+COM5/12.2 | 0V |
| +COM5-WB04 | 3 | =WIRP5-B04 | 4 | 04 | | 00.4 | =WIRP5-K102 | 00.4 | =WIRP5+COM5/12.3 | INITIATOR POS. 1 |
| | | | | 05 | | 00.5 | =WIRP5-K102 | 00.5 | =WIRP5+COM5/12.4 | PE |
| +COM5-WB05 | 1 | =WIRP5-B05 | 1 | 11 | | 01.1 | =WIRP5-K102 | 01.1 | =WIRP5+COM5/12.5 | 24V+ |
| | | | | 12 | | 01.2 | =WIRP5-K102 | 01.2 | =WIRP5+COM5/12.6 | OUT |
| +COM5-WB05 | 2 | =WIRP5-B05 | 3 | 13 | | 01.3 | =WIRP5-K102 | 01.3 | =WIRP5+COM5/12.7 | 0V |
| +COM5-WB05 | 3 | =WIRP5-B05 | 4 | 14 | | 01.4 | =WIRP5-K102 | 01.4 | =WIRP5+COM5/12.7 | INITIATOR POS. 1.2 |
| | | | | 15 | | 01.5 | =WIRP5-K102 | 01.5 | =WIRP5+COM5/12.8 | PE |
| +COM5-WB06 | 1 | =WIRP5-B06 | 1 | 21 | | 02.1 | =WIRP5-K102 | 02.1 | =WIRP5+COM5/13.1 | 24V+ |
| | | | | 22 | | 02.2 | =WIRP5-K102 | 02.2 | =WIRP5+COM5/13.1 | OUT |
| +COM5-WB06 | 2 | =WIRP5-B06 | 3 | 23 | | 02.3 | =WIRP5-K102 | 02.3 | =WIRP5+COM5/13.2 | 0V |
| +COM5-WB06 | 3 | =WIRP5-B06 | 4 | 24 | | 02.4 | =WIRP5-K102 | 02.4 | =WIRP5+COM5/13.3 | INITIATOR POS. 2 |
| | | | | 25 | | 02.5 | =WIRP5-K102 | 02.5 | =WIRP5+COM5/13.4 | PE |
| +COM5-WB07 | 1 | =WIRP5-B07 | 1 | 31 | | 03.1 | =WIRP5-K102 | 03.1 | =WIRP5+COM5/13.5 | 24V+ |
| | | | | 32 | | 03.2 | =WIRP5-K102 | 03.2 | =WIRP5+COM5/13.6 | OUT |
| +COM5-WB07 | 2 | =WIRP5-B07 | 3 | 33 | | 03.3 | =WIRP5-K102 | 03.3 | =WIRP5+COM5/13.7 | 0V |
| +COM5-WB07 | 3 | =WIRP5-B07 | 4 | 34 | | 03.4 | =WIRP5-K102 | 03.4 | =WIRP5+COM5/13.7 | INITIATOR POS. 2.2 |
| | | | | 35 | | 03.5 | =WIRP5-K102 | 03.5 | =WIRP5+COM5/13.8 | PE |
| | | | | 41 | | 04.1 | =WIRP5-K102 | 04.1 | =WIRP5+COM5/14.1 | Reserve |
| | | | | 42 | | 04.2 | =WIRP5-K102 | 04.2 | =WIRP5+COM5/14.1 | = |
| | | | | 43 | | 04.3 | =WIRP5-K102 | 04.3 | =WIRP5+COM5/14.2 | = |
| | | | | 44 | | 04.4 | =WIRP5-K102 | 04.4 | =WIRP5+COM5/14.3 | = |
| | | | | 45 | | 04.5 | =WIRP5-K102 | 04.5 | =WIRP5+COM5/14.4 | = |

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|--------|------|-------|----------|--|----------------------|-------------------|----------------|------------------|
| | | Date | 14.02.06 |  | DP CANopen OPTIMIZED | +COM5-K102 FTB | Drawing number | = TERP |
| | | User. | SEG | | MP&A/AD&S | | 33003614 | + |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. |
| | | | | | | | | Pa. 48 53 Bl. |

Terminal diagram

ESSK007

Strip designation **+COM5-K103**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|----------------|------------|------------------|---------------|
| | | | | 51 | | 05.1 | =WIRP5-K103 | 05.1 | =WIRP5+COM5/18.5 | Reserve |
| | | | | 52 | | 05.2 | =WIRP5-K103 | 05.2 | =WIRP5+COM5/18.6 | = |
| | | | | 53 | | 05.3 | =WIRP5-K103 | 05.3 | =WIRP5+COM5/18.7 | = |
| | | | | 54 | | 05.4 | =WIRP5-K103 | 05.4 | =WIRP5+COM5/18.7 | = |
| | | | | 55 | | 05.5 | =WIRP5-K103 | 05.5 | =WIRP5+COM5/18.8 | = |
| | | | | 61 | | 06.1 | =WIRP5-K103 | 06.1 | =WIRP5+COM5/19.1 | = |
| | | | | 62 | | 06.2 | =WIRP5-K103 | 06.2 | =WIRP5+COM5/19.1 | = |
| | | | | 63 | | 06.3 | =WIRP5-K103 | 06.3 | =WIRP5+COM5/19.2 | = |
| | | | | 64 | | 06.4 | =WIRP5-K103 | 06.4 | =WIRP5+COM5/19.3 | = |
| | | | | 65 | | 06.5 | =WIRP5-K103 | 06.5 | =WIRP5+COM5/19.4 | = |
| | | | | 71 | | 07.1 | =WIRP5-K103 | 07.1 | =WIRP5+COM5/19.5 | = |
| | | | | 72 | | 07.2 | =WIRP5-K103 | 07.2 | =WIRP5+COM5/19.6 | = |
| | | | | 73 | | 07.3 | =WIRP5-K103 | 07.3 | =WIRP5+COM5/19.7 | = |
| | | | | 74 | | 07.4 | =WIRP5-K103 | 07.4 | =WIRP5+COM5/19.7 | = |
| | | | | 75 | | 07.5 | =WIRP5-K103 | 07.5 | =WIRP5+COM5/19.8 | = |
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| Change | Date | Name | Date | 14.02.06 | | DP CANopen OPTIMIZED | +COM5-K103 FTB | Drawing number | = TERP |
| | | | Stand. | SEG | | MP&A/AD&S | | 33003614 | + |
| | | | First. | Created for | Created by. | | | 51 | Pa. 51 |
| | | | | | | | | 51 | DCO 53 Bl. |

Terminal diagram

ESSK007

Strip designation **+COM5-K104**

| Cable name | Cond. | Target design. | Connection | Term | Jumpers | Connection | Target design. | Connection | Page/path | Function text |
|------------|-------|----------------|------------|------|---------|------------|----------------|------------|------------------|---------------|
| | | | | 51 | | 05.1 | =WIRP5-K104 | 05.1 | =WIRP5+COM5/22.5 | Reserve |
| | | | | 52 | | 05.2 | =WIRP5-K104 | 05.2 | =WIRP5+COM5/22.6 | = |
| | | | | 53 | | 05.3 | =WIRP5-K104 | 05.3 | =WIRP5+COM5/22.7 | = |
| | | | | 54 | | 05.4 | =WIRP5-K104 | 05.4 | =WIRP5+COM5/22.7 | = |
| | | | | 55 | | 05.5 | =WIRP5-K104 | 05.5 | =WIRP5+COM5/22.8 | = |
| | | | | 61 | | 06.1 | =WIRP5-K104 | 06.1 | =WIRP5+COM5/23.1 | = |
| | | | | 62 | | 06.2 | =WIRP5-K104 | 06.2 | =WIRP5+COM5/23.1 | = |
| | | | | 63 | | 06.3 | =WIRP5-K104 | 06.3 | =WIRP5+COM5/23.2 | = |
| | | | | 64 | | 06.4 | =WIRP5-K104 | 06.4 | =WIRP5+COM5/23.3 | = |
| | | | | 65 | | 06.5 | =WIRP5-K104 | 06.5 | =WIRP5+COM5/23.4 | = |
| | | | | 71 | | 07.1 | =WIRP5-K104 | 07.1 | =WIRP5+COM5/23.5 | = |
| | | | | 72 | | 07.2 | =WIRP5-K104 | 07.2 | =WIRP5+COM5/23.6 | = |
| | | | | 73 | | 07.3 | =WIRP5-K104 | 07.3 | =WIRP5+COM5/23.7 | = |
| | | | | 74 | | 07.4 | =WIRP5-K104 | 07.4 | =WIRP5+COM5/23.7 | = |
| | | | | 75 | | 07.5 | =WIRP5-K104 | 07.5 | =WIRP5+COM5/23.8 | = |
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| Date | 14.02.06 | | DP CANopen OPTIMIZED | +COM5-K104 | Drawing number 33003614 | = TERP + |
| User. | SEG | | MP&A/AD&S | FTB | | |
| Check. | | | Created for | Created by. | | |
| Change | Date | Name | Stand. | First. | 53 | DCO |
| | | | | | 53 | 53 Bl. |


Cable overview

WUPS001D 24.02.1994

| Cable designations | Cable type | Total conductors | Conduct. used | Cross-section mm ² | Remark | Page |
|--------------------|----------------------|------------------|---------------|-------------------------------|------------------------------|-----------------|
| +PSD-WWIR01 | ÖLFLEX 100 H | 5/PE | 5/PE | 1.5 | H4 PANEL | =WIRP1+PSD/1.5 |
| +PSD-WX001 | ÖLFLEX 100 H | 5/PE | 5/PE | 2.5 | POWER SUPPLY | =WIRP1+PSD/1.1 |
| +PSD-WXWIR2 | ÖLFLEX CLASSIC 110-G | 3/PE | 3/PE | 1 | TO CABINET H2 | =WIRP1+PSD/3.1 |
| +PSD-WXWIR3 | ÖLFLEX CLASSIC 110-G | 3/PE | 3/PE | 1 | TO CABINET H3 | =WIRP1+PSD/3.4 |
| +PSD-WXWIR4 | ÖLFLEX CLASSIC 110-G | 3/PE | 3/PE | 1 | TO CABINET H4 | =WIRP1+PSD/3.5 |
| +PSD-WXWIR5 | ÖLFLEX CLASSIC 110-G | 5/PE | 5/PE | 1 | TO FIELD FDB H5 | =WIRP1+PSD/3.7 |
| +COM-W1 | | 1 | 1 | 1 | | =WIRP1+COM/4.7 |
| +COM-WP01 | ÖLFLEX CLASSIC 110-G | 7/PE | 7/PE | 1 | STEADY LIGHT SIGNALING | =WIRP1+COM/3.2 |
| +COM-WS01 | ÖLFLEX CLASSIC 110-G | 10/PE | 8/PE | 1 | START, STOP, HAND | =WIRP1+COM/2.1 |
| +MOV-WM01 | UNITRONIC 100CY | 4/PE+SH | 4/PE | 1.5 | DRIVE | =WIRP1+MOV/1.1 |
| +MOV-WM02 | UNITRONIC 100CY | 4/PE+SH | 4/PE | 1.5 | DRIVE | =WIRP1+MOV/2.1 |
| +MOV-WM03 | UNITRONIC 100CY | 4/PE+SH | 4/PE | 1.5 | DRIVE | =WIRP1+MOV/3.1 |
| +MOV-WM04 | UNITRONIC 100CY | 4/PE+SH | 4/PE | 1.5 | DRIVE | =WIRP1+MOV/4.1 |
| +SAF-WLC01 | UNI | 9+SH | 8 | 1 | RECEIVER | =WIRP1+SAF/2.6 |
| +SAF-WLC02 | UNI | 6+SH | 5 | 1 | TRANSMITTER | =WIRP1+SAF/2.8 |
| +SAF-WS01 | ÖLFLEX 100 H | 5/PE | 4 | 1 | EMERGENCY STOP | =WIRP1+SAF/1.1 |
| +SAF-WS04 | ÖLFLEX 100 H | 3/PE | 2 | 1 | LIMIT SWITCH 1 | =WIRP1+SAF/3.4 |
| +SAF-WS05 | ÖLFLEX 100 H | 3/PE | 2 | 1 | LIMIT SWITCH 1 | =WIRP1+SAF/3.4 |
| +COM2-WS01 | ÖLFLEX CLASSIC 110-G | 5/PE | 5/PE | 1 | START, STOP, HAND | =WIRP2+COM2/2.1 |
| +COM3-WS01 | ÖLFLEX CLASSIC 110-G | 5/PE | 5/PE | 1 | CONVEYER 2 LEFT, STOP, RIGHT | =WIRP3+COM3/2.1 |
| +COM3-WS02 | ÖLFLEX CLASSIC 110-G | 5/PE | 5/PE | 1 | START, STOP, HAND | =WIRP3+COM3/4.1 |
| +COM4-WS01 | ÖLFLEX CLASSIC 110-G | 5/PE | 5/PE | 1 | START, STOP, HAND | =WIRP4+COM4/2.1 |
| +COM4-WS04 | ÖLFLEX CLASSIC 110-G | 5/PE | 5/PE | 1 | CONVEYER 2 LEFT, STOP, RIGHT | =WIRP4+COM4/4.1 |
| +MOV4-WM01 | ÖLFLEX CLASSIC 110-G | 4/PE | 4/PE | 1.5 | DRIVE | =WIRP4+MOV4/1.1 |
| +MOV4-WM02 | ÖLFLEX CLASSIC 110-G | 4/PE | 4/PE | 1.5 | DRIVE | =WIRP4+MOV4/2.1 |
| +SAF4-WS03 | ÖLFLEX 100 H | 5/PE | 5/PE | 1 | LIMIT SWITCH 1 | =WIRP4+SAF4/2.1 |

=TERP/53


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|--------|----------|--|----------------------|----------------|----------------|---------|
| Date | 14.02.06 |  | DP CANopen OPTIMIZED | CABLE OVERVIEW | Drawing number | = CABPO |
| User. | SEG | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 1 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 2 Bl. |

Cable overview


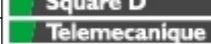

WUPS001D 24.02.1994

| Cable designations | Cable type | Total conductors | Conduct. used | Cross-section mm ² | Remark | Page |
|--------------------|--------------------|------------------|---------------|----------------------------------|---------------|------------------|
| +COM5-WB01 | ÖLFLEX CLASSIC 110 | 3 | 3 | 0.75 | LIGHT BARRIER | =WIRP5+COM5/8.1 |
| +COM5-WB02 | ÖLFLEX CLASSIC 110 | 3 | 3 | 0.75 | LIGHT BARRIER | =WIRP5+COM5/8.5 |
| +COM5-WB03 | ÖLFLEX CLASSIC 110 | 3 | 3 | 0.75 | LIGHT BARRIER | =WIRP5+COM5/9.1 |
| +COM5-WB04 | ÖLFLEX CLASSIC 110 | 3 | 3 | 0.75 | INITIATOR | =WIRP5+COM5/12.1 |
| +COM5-WB05 | ÖLFLEX CLASSIC 110 | 3 | 3 | 0.75 | INITIATOR | =WIRP5+COM5/12.5 |
| +COM5-WB06 | ÖLFLEX CLASSIC 110 | 3 | 3 | 0.75 | INITIATOR | =WIRP5+COM5/13.1 |
| +COM5-WB07 | ÖLFLEX CLASSIC 110 | 3 | 3 | 0.75 | INITIATOR | =WIRP5+COM5/13.5 |
| +COM5-WB08 | ÖLFLEX CLASSIC 110 | 3 | 3 | 0.75 | LIGHT BARRIER | =WIRP5+COM5/16.1 |
| +COM5-WB09 | ÖLFLEX CLASSIC 110 | 3 | 3 | 0.75 | LIGHT BARRIER | =WIRP5+COM5/20.1 |
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| | | Date | 14.02.06 |  | DP CANopen OPTIMIZED | CABLE OVERVIEW | Drawing number | = CABPO |
| | | User. | SEG | | MP&A/AD&S | | 33003614 | + |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. |

| | | | | | |
|---------------------------------|----------------------------|----------------------|----------------------|-------------------|------------------------|
| Cable name +PSD-WX001 | Cable type ÖLFLEX 100 H | No. of cores 5/PE | Cross-section 2.5 | Cable length - | Remark POWER SUPPLY |
|---------------------------------|----------------------------|----------------------|----------------------|-------------------|------------------------|

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|---------------------|----------------|-------------------------|------------|-------|-------------------|------------|----------------|---------------------|
| LOCAL FUSE MAX. 16A | =WIRP1+PSD/1.2 | +UV-XO | PE | GNYE | +PSD-X01 | PE | =WIRP1+PSD/1.2 | LOCAL FUSE MAX. 16A |
| POWER SUPPLY | =WIRP1+PSD/1.1 | +UV-XO | 1 | BK | +PSD-X01 | 1 | =WIRP1+PSD/1.1 | HAN6 |
| LOCAL FUSE MAX. 16A | =WIRP1+PSD/1.1 | +UV-XO | 2 | BU | +PSD-X01 | 2 | =WIRP1+PSD/1.1 | LOCAL FUSE MAX. 16A |
| LOCAL FUSE MAX. 16A | =WIRP1+PSD/1.1 | +UV-XO | 3 | BN | +PSD-X01 | 3 | =WIRP1+PSD/1.1 | LOCAL FUSE MAX. 16A |
| LOCAL FUSE MAX. 16A | =WIRP1+PSD/1.2 | +UV-XO | N | BK | +PSD-X01 | 4 | =WIRP1+PSD/1.2 | LOCAL FUSE MAX. 16A |
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| Date | 14.02.06 |    | DP CANopen OPTIMIZED | +PSD-WX001 POWER SUPPLY | Drawing number 33003614 | = CABP | |
| User. | SEG | | MP&A/AD&S | | | + | |
| Check. | | | Created for | | | DCO | Pa. |
| Change | Date | Name | Stand. | First. | Created by. | 2 | 35 Bl. |

| | | | | | |
|----------------------------------|---|-----------------------------|---------------------------|--------------------------|--------------------------------|
| Cable name +PSD-WXWIR3 | Cable type ÖLFLEX CLASSIC 110-G | No. of cores 3/PE | Cross-section 1 | Cable length - | Remark TO CABINET H3 |
|----------------------------------|---|-----------------------------|---------------------------|--------------------------|--------------------------------|

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|--------------------------------|----------------|-------------------------|------------|-------|-------------------|------------|-----------------|--------------------------------|
| HAN R15 | =WIRP1+PSD/3.4 | +PSD-XWIR3 | 3 | 1 | +PSD3-XWIR3 | 3 | =WIRP3+PSD3/1.1 | HAN R15 |
| SUPPLY ABOUT CIRCUAR CONNECTOR | =WIRP1+PSD/3.4 | +PSD-XWIR3 | 6 | 2 | +PSD3-XWIR3 | 6 | =WIRP3+PSD3/1.1 | SUPPLY ABOUT CIRCUAR CONNECTOR |
| SUPPLY ABOUT CIRCUAR CONNECTOR | =WIRP1+PSD/3.4 | +PSD-XWIR3 | PE | PE | +PSD3-XWIR3 | PE | =WIRP3+PSD3/1.1 | SUPPLY ABOUT CIRCUAR CONNECTOR |





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|--------|----------|------|------------------|----------------------|--|----------------|--------|--------|
| Date | 14.02.06 | | Schneider | DP CANopen OPTIMIZED | +PSD-WXWIR3 TO CABINET H3 | Drawing number | = CABP | |
| User. | SEG | | Electric | MP&A/AD&S | | 33003614 | + | |
| Check. | | | | Created for | | 4 | Pa. 4 | |
| Change | Date | Name | Stand. | First. | Created by. | | DCO | 35 Bl. |



| | | | | | |
|----------------------------------|------------------------------------|----------------------|--------------------|-------------------|-------------------------|
| Cable name +PSD-WXWIR4 | Cable type ÖLFLEX CLASSIC 110-G | No. of cores 3/PE | Cross-section 1 | Cable length - | Remark TO CABINET H4 |
|----------------------------------|------------------------------------|----------------------|--------------------|-------------------|-------------------------|

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|--------------------------------|----------------|-------------------------|------------|-------|-------------------|------------|-----------------|--------------------------------|
| HAN R15 | =WIRP1+PSD/3.6 | +PSD-XWIR4 | 4 | 1 | +PSD4-XWIR4 | 4 | =WIRP4+PSD4/2.1 | HAN R15 |
| SUPPLY ABOUT CIRCUAR CONNECTOR | =WIRP1+PSD/3.6 | +PSD-XWIR4 | 6 | 2 | +PSD4-XWIR4 | 6 | =WIRP4+PSD4/2.1 | SUPPLY ABOUT CIRCUAR CONNECTOR |
| SUPPLY ABOUT CIRCUAR CONNECTOR | =WIRP1+PSD/3.6 | +PSD-XWIR4 | PE | PE | +PSD4-XWIR4 | PE | =WIRP4+PSD4/2.1 | SUPPLY ABOUT CIRCUAR CONNECTOR |
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| Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | +PSD-WXWIR4 TO CABINET H4 | Drawing number 33003614 | = CABP | |
| User. | SEG | | | MP&A/AD&S | | | + | |
| Check. | | | | Created for | | Created by. | 5 | |
| Change | Date | Name | Stand. | First. | | 5 | Pa. | 5 |
| | | | | | | 5 | DCO | 35 Bl. |


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|--------------------------------|------------------------------------|----------------------|--------------------|-------------------|----------------------------------|
| Cable name +COM-WP01 | Cable type ÖLFLEX CLASSIC 110-G | No. of cores 7/PE | Cross-section 1 | Cable length - | Remark STEADY LIGHT SIGNALING |
|--------------------------------|------------------------------------|----------------------|--------------------|-------------------|----------------------------------|

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|--------------------------------------|----------------|-------------------------|------------|-------|-------------------|------------|----------------|------------------------|
| HAN R15 | =WIRP1+COM/3.2 | +COM-XP01 | 1 | 1 | =WIRP1+VORORT-P01 | 1 | =WIRP1+COM/3.1 | STEADY LIGHT SIGNALING |
| HAND MODE WHITE LAMP | =WIRP1+COM/3.3 | +COM-XP01 | 2 | 2 | =WIRP1+VORORT-P01 | 2 | =WIRP1+COM/3.1 | STEADY LIGHT SIGNALING |
| PLANT ERROR RED SIGNAL LAMP | =WIRP1+COM/3.4 | +COM-XP01 | 3 | 3 | =WIRP1+VORORT-P01 | 3 | =WIRP1+COM/3.1 | STEADY LIGHT SIGNALING |
| SAFETY ERROR UN AKNOWLEDGE BLUE LAMP | =WIRP1+COM/3.5 | +COM-XP01 | 4 | 4 | =WIRP1+VORORT-P01 | 4 | =WIRP1+COM/3.1 | STEADY LIGHT SIGNALING |
| RESERVE | =WIRP1+COM/3.6 | +COM-XP01 | 6 | 5 | =WIRP1+VORORT-P01 | 5 | =WIRP1+COM/3.1 | STEADY LIGHT SIGNALING |
| OVDC | =WIRP1+COM/3.2 | +COM-XP01 | 7 | 6 | =WIRP1+VORORT-P01 | C | =WIRP1+COM/3.1 | STEADY LIGHT SIGNALING |
| PE | =WIRP1+COM/3.7 | +COM-XP01 | PE | PE | =WIRP1+VORORT-P01 | 6 | =WIRP1+COM/3.1 | STEADY LIGHT SIGNALING |
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| Date | 14.02.06 |   | DP CANopen OPTIMIZED MP&A/AD&S | +COM-WP01 STEADY LIGHT SIGNALING | Drawing number 33003614 | = CABP + | Pa. 8 | |
| User. | SEG | | | | | | | |
| Check. | | | | | | | | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | DCO | 35 Bl. |

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|--------------------------------|------------------------------------|-----------------------|--------------------|-------------------|-----------------------------|
| Cable name +COM-WS01 | Cable type ÖLFLEX CLASSIC 110-G | No. of cores 10/PE | Cross-section 1 | Cable length - | Remark START, STOP, HAND |
|--------------------------------|------------------------------------|-----------------------|--------------------|-------------------|-----------------------------|

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|---------------|----------------|-------------------------|------------|-------|--------------------|------------|----------------|---------------|
| HAN R15 | =WIRP1+COM/2.1 | +COM-XS01 | 1 | 1 | =WIRP1+VORORT-SP11 | 13 | =WIRP1+COM/2.1 | START |
| START | =WIRP1+COM/2.1 | +COM-XS01 | 2 | 2 | =WIRP1+VORORT-SP11 | 14 | =WIRP1+COM/2.1 | START |
| STOP | =WIRP1+COM/2.3 | +COM-XS01 | 3 | 3 | =WIRP1+VORORT-S12 | 14 | =WIRP1+COM/2.3 | STOP |
| MAN / AUTO | =WIRP1+COM/2.4 | +COM-XS01 | 4 | 4 | =WIRP1+VORORT-SP13 | 14 | =WIRP1+COM/2.4 | AUTOM |
| OPERATION | =WIRP1+COM/2.6 | +COM-XS01 | 5 | 5 | =WIRP1+VORORT-SP11 | x1 | =WIRP1+COM/2.6 | OPERATION |
| MANUAL MODE | =WIRP1+COM/2.8 | +COM-XS01 | 6 | 6 | =WIRP1+VORORT-SP13 | x1 | =WIRP1+COM/2.8 | MANUAL MODE |
| OPERATION | =WIRP1+COM/2.6 | +COM-XS01 | 7 | 7 | =WIRP1+VORORT-SP11 | x2 | =WIRP1+COM/2.6 | OPERATION |
| | | | | 8 | | | | |
| | | | | 9 | | | | |
| MAN / AUTO | =WIRP1+COM/2.5 | +COM-XS01 | PE | PE | =WIRP1+VORORT-SP13 | PE | =WIRP1+COM/2.4 | AUTOM |
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| Date | 14.02.06 |  | DP CANopen OPTIMIZED | +COM-WS01 START, STOP, HAND | Drawing number | = CABP |
| User. | SEG | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 9 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 35 Bl. |

| Cable name | | Cable type | | No. of cores | | Cross-section | | Cable length | | Remark | |
|---------------|----------------|-------------------------|------------|--------------|-------------------|---------------|----------------|---------------|--|--------|--|
| +MOV-WM01 | | UNITRONIC 100CY | | 4/PE+SH | | 1.5 | | - | | DRIVE | |
| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text | | | |
| DRIVE 1 | =WIRP1+MOV/1.2 | +MOV-XM01 | PE | GNYE | =WIRP1+VORORT-M01 | PE | =WIRP1+MOV/1.1 | DRIVE 1 | | | |
| HAN6 | =WIRP1+MOV/1.1 | +MOV-XM01 | 1 | BK | =WIRP1+VORORT-M01 | U | =WIRP1+MOV/1.1 | DRIVE 1 | | | |
| DRIVE 1 | =WIRP1+MOV/1.1 | +MOV-XM01 | 2 | BU | =WIRP1+VORORT-M01 | V | =WIRP1+MOV/1.1 | DRIVE 1 | | | |
| DRIVE 1 | =WIRP1+MOV/1.1 | +MOV-XM01 | 3 | BN | =WIRP1+VORORT-M01 | W | =WIRP1+MOV/1.1 | DRIVE 1 | | | |
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| Date | | 14.02.06 | |  | DP CANopen OPTIMIZED | +MOV-WM01 DRIVE | Drawing number | | = CABP | |
| User. | | SEG | | | MP&A/AD&S | | 33003614 | | + | |
| Check. | | | | Created for | Created by. | 10 | | DCO | | 35 Bl. |
| Change | Date | Name | Stand. | First. | | | | | | |




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| Cable name +MOV-WM02 | Cable type UNITRONIC 100CY | No. of cores 4/PE+SH | Cross-section 1.5 | Cable length - | Remark DRIVE |
|--------------------------------|-------------------------------|-------------------------|----------------------|-------------------|-----------------|

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|---------------|----------------|-------------------------|------------|-------|-------------------|------------|----------------|---------------|
| DRIVE 2 | =WIRP1+MOV/2.2 | +MOV-XM02 | PE | GNYE | =WIRP1+VORORT-M02 | PE | =WIRP1+MOV/2.1 | DRIVE 2 |
| HAN6 | =WIRP1+MOV/2.1 | +MOV-XM02 | 1 | BK | =WIRP1+VORORT-M02 | U | =WIRP1+MOV/2.1 | DRIVE 2 |
| DRIVE 2 | =WIRP1+MOV/2.1 | +MOV-XM02 | 2 | BU | =WIRP1+VORORT-M02 | V | =WIRP1+MOV/2.1 | DRIVE 2 |
| DRIVE 2 | =WIRP1+MOV/2.1 | +MOV-XM02 | 3 | BN | =WIRP1+VORORT-M02 | W | =WIRP1+MOV/2.1 | DRIVE 2 |
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| Date | 14.02.06 |    | DP CANopen OPTIMIZED | +MOV-WM02 DRIVE | Drawing number 33003614 | = CABP + | | |
| User. | SEG | | MP&A/AD&S | | | | | |
| Check. | | | Created by. | | | | | |
| Change | Date | Name | Stand. | First. | Created for | 11 | DCO | Pa. 11 35 Bl. |

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| Cable name +MOV-WM03 | Cable type UNITRONIC 100CY | No. of cores 4/PE+SH | Cross-section 1.5 | Cable length - | Remark DRIVE |
|--------------------------------|--------------------------------------|--------------------------------|-----------------------------|--------------------------|------------------------|

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|---------------|----------------|-------------------------|------------|-------|-------------------|------------|----------------|---------------|
| DRIVE 3' | =WIRP1+MOV/3.2 | +MOV-XM03 | PE | GNYE | =WIRP1+VORORT-M03 | PE | =WIRP1+MOV/3.1 | DRIVE 3' |
| HAN6 | =WIRP1+MOV/3.1 | +MOV-XM03 | 1 | BK | =WIRP1+VORORT-M03 | U | =WIRP1+MOV/3.1 | DRIVE 3' |
| DRIVE 3' | =WIRP1+MOV/3.1 | +MOV-XM03 | 2 | BU | =WIRP1+VORORT-M03 | V | =WIRP1+MOV/3.1 | DRIVE 3' |
| DRIVE 3' | =WIRP1+MOV/3.1 | +MOV-XM03 | 3 | BN | =WIRP1+VORORT-M03 | W | =WIRP1+MOV/3.1 | DRIVE 3' |
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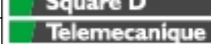
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|--------|----------|--|----------------------|--------------------|----------------|--------|
| Date | 14.02.06 |    | DP CANopen OPTIMIZED | +MOV-WM03 DRIVE | Drawing number | = CABP |
| User. | SEG | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created by. | | 12 | DCO |
| Change | Date | Name | Stand. | First. | Created for | 35 Bl. |

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| Cable name +MOV-WM04 | Cable type UNITRONIC 100CY | No. of cores 4/PE+SH | Cross-section 1.5 | Cable length - | Remark DRIVE |
|--------------------------------|-------------------------------|-------------------------|----------------------|-------------------|-----------------|

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|---------------|----------------|-------------------------|------------|-------|-------------------|------------|----------------|---------------|
| DRIVE 4 | =WIRP1+MOV/4.2 | +MOV-XM04 | PE | GNYE | =WIRP1+VORORT-M04 | PE | =WIRP1+MOV/4.1 | DRIVE 4 |
| HAN6 | =WIRP1+MOV/4.1 | +MOV-XM04 | 1 | BK | =WIRP1+VORORT-M04 | U | =WIRP1+MOV/4.1 | DRIVE 4 |
| DRIVE 4 | =WIRP1+MOV/4.1 | +MOV-XM04 | 2 | BU | =WIRP1+VORORT-M04 | V | =WIRP1+MOV/4.1 | DRIVE 4 |
| DRIVE 4 | =WIRP1+MOV/4.1 | +MOV-XM04 | 3 | BN | =WIRP1+VORORT-M04 | W | =WIRP1+MOV/4.1 | DRIVE 4 |
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| Cable name | | Cable type | | | No. of cores | | Cross-section | | Cable length | | Remark | |
|-------------------|----------------|-------------------------|------------|-------|-------------------|------------|----------------|-------------------|--------------|--|----------|--|
| +SAF-WLC01 | | UNI | | | 9+SH | | 1 | | - | | RECEIVER | |
| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text | | | | |
| LIGHT CURTAIN | =WIRP1+SAF/2.6 | +SAF-X1K05 | 1 | wh | +SAF-XLC | 1 | =WIRP1+SAF/2.6 | LIGHT CURTAIN | | | | |
| LIGHT CURTAIN | =WIRP1+SAF/2.7 | +SAF-X1K05 | 2 | bk | +SAF-XLC | 2 | =WIRP1+SAF/2.7 | LIGHT CURTAIN | | | | |
| LIGHT CURTAIN | =WIRP1+SAF/2.7 | +SAF-X1K05 | 3 | bu | +SAF-XLC | 3 | =WIRP1+SAF/2.7 | LIGHT CURTAIN | | | | |
| LIGHT CURTAIN | =WIRP1+SAF/2.6 | +SAF-X1K05 | 4 | tp | +SAF-XLC | 10 | =WIRP1+SAF/2.6 | LIGHT CURTAIN | | | | |
| LIGHT CURTAIN | =WIRP1+SAF/2.7 | +SAF-X1K05 | 5 | bn | +SAF-XLC | 11 | =WIRP1+SAF/2.7 | LIGHT CURTAIN | | | | |
| LIGHT CURTAIN | =WIRP1+SAF/2.7 | +SAF-X1K05 | 6 | sh | +SAF-XLC | 12 | =WIRP1+SAF/2.7 | LIGHT CURTAIN | | | | |
| LIGHT CURTAIN AUX | =WIRP1+SAF/2.7 | +SAF-X1K05 | 7 | gy | +SAF-XLC | 4 | =WIRP1+SAF/2.7 | LIGHT CURTAIN AUX | | | | |
| LIGHT CURTAIN | =WIRP1+SAF/2.6 | +SAF-X1K05 | PE | vt | +SAF-XLC | 9 | =WIRP1+SAF/2.6 | LIGHT CURTAIN | | | | |
| | | | | sh | | | | | | | | |
| | | | | SH | | | | | | | | |





| Cable name | | Cable type | | | No. of cores | Cross-section | Cable length | Remark | |
|-------------------|--|----------------|-------------------------|------------|--------------|-------------------|--------------|----------------|-------------------|
| +SAF-WLC02 | | UNI | | | 6+SH | 1 | - | TRANSMITTER | |
| Function text | | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
| LIGHT CURTAIN AUX | | =WIRP1+SAF/2.8 | +SAF-X2K05 | 1 | wh | +SAF-XLC | 5 | =WIRP1+SAF/2.8 | LIGHT CURTAIN AUX |
| LIGHT CURTAIN AUX | | =WIRP1+SAF/2.9 | +SAF-X2K05 | 2 | bk | +SAF-XLC | 6 | =WIRP1+SAF/2.9 | LIGHT CURTAIN AUX |
| LIGHT CURTAIN AUX | | =WIRP1+SAF/2.9 | +SAF-X2K05 | 3 | bu | +SAF-XLC | 7 | =WIRP1+SAF/2.9 | LIGHT CURTAIN AUX |
| LIGHT CURTAIN AUX | | =WIRP1+SAF/2.8 | +SAF-X2K05 | 4 | tp | +SAF-XLC | 13 | =WIRP1+SAF/2.8 | LIGHT CURTAIN AUX |
| LIGHT CURTAIN AUX | | =WIRP1+SAF/2.9 | +SAF-X2K05 | 5 | bn | +SAF-XLC | 14 | =WIRP1+SAF/2.9 | LIGHT CURTAIN AUX |
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| Date | 14.02.06 |   | DP CANopen OPTIMIZED | +SAF-WLC02 TRANSMITTER | Drawing number | = CABP |
| User. | SEG | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created by. | | | DCO |
| Change | Date | Name | Stand. | First. | Created for | |
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| Cable name +SAF-WS01 | Cable type ÖLFLEX 100 H | No. of cores 5/PE | Cross-section 1 | Cable length - | Remark EMERGENCY STOP |
|--------------------------------|-----------------------------------|-----------------------------|---------------------------|--------------------------|---------------------------------|

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
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| | | | | GNYE | | | | |
| HAN R15 | =WIRP1+SAF/1.1 | +SAF-XNA | 1 | BK | =WIRP1+SAF-S01 | 11 | =WIRP1+SAF/1.1 | EMERGENCY STOP |
| | =WIRP1+SAF/1.1 | +SAF-XNA | 2 | BU | =WIRP1+SAF-S01 | 12 | =WIRP1+SAF/1.1 | EMERGENCY STOP |
| | =WIRP1+SAF/1.1 | +SAF-XNA | 3 | BN | =WIRP1+SAF-S01 | 21 | =WIRP1+SAF/1.1 | EMERGENCY STOP |
| | =WIRP1+SAF/1.1 | +SAF-XNA | 4 | BK | =WIRP1+SAF-S01 | 22 | =WIRP1+SAF/1.1 | EMERGENCY STOP |

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| Date | 14.02.06 |  |  | DP CANopen OPTIMIZED | +SAF-WS01 EMERGENCY STOP | Drawing number | = CABP |
| User. | SEG |  | | MP&A/AD&S | | 33003614 | + |
| Check. | |  | | Created by. | | 16 | DCO |
| Change | Date | Name | Stand. | First. | Created for | | 35 Bl. |

| Cable name | Cable type | No. of cores | Cross-section | Cable length | Remark | | | |
|------------------------------|----------------|-------------------------|---------------|--------------|-------------------|------------|----------------|----------------|
| +SAF-WS04 | ÖLFLEX 100 H | 3/PE | 1 | - | LIMIT SWITCH 1 | | | |
| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
| | | | | GNYE | | | | |
| LIGHT CURTAIN DRIVES RELEASE | =WIRP1+SAF/3.4 | +SAF-XS04 | 1 | BN | =WIRP1+SAF-S04 | 21 | =WIRP1+SAF/3.4 | LIMIT SWITCH 1 |
| LIGHT CURTAIN DRIVES RELEASE | =WIRP1+SAF/3.4 | +SAF-XS04 | 2 | BU | =WIRP1+SAF-S04 | 22 | =WIRP1+SAF/3.4 | LIMIT SWITCH 1 |
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| Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | +SAF-WS04 LIMIT SWITCH 1 | Drawing number | = CABP | |
| User. | SEG | | | MP&A/AD&S | | 33003614 | + | |
| Check. | | | | Created by. | | 17 | Pa. | 17 |
| Change | Date | | | Name | | Stand. | First. | Created for |

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WUP11450/08. Apr. 92

| Cable name | Cable type | No. of cores | Cross-section | Cable length | Remark | | | |
|------------------------------|----------------|-------------------------|---------------|--------------|-------------------|------------|----------------|----------------|
| +SAF-WS05 | ÖLFLEX 100 H | 3/PE | 1 | - | LIMIT SWITCH 1 | | | |
| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
| | | | | GNYE | | | | |
| LIGHT CURTAIN DRIVES RELEASE | =WIRP1+SAF/3.4 | +SAF-XS05 | 1 | BN | =WIRP1+SAF-S05 | 21 | =WIRP1+SAF/3.4 | LIMIT SWITCH 2 |
| LIGHT CURTAIN DRIVES RELEASE | =WIRP1+SAF/3.4 | +SAF-XS05 | 2 | BU | =WIRP1+SAF-S05 | 22 | =WIRP1+SAF/3.4 | LIMIT SWITCH 2 |
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| Date | 14.02.06 |  | DP CANopen OPTIMIZED | +SAF-WS05 LIMIT SWITCH 1 | Drawing number | = CABP | |
| User. | SEG | | MP&A/AD&S | | 33003614 | + | |
| Check. | | | Created by. | | 18 | Pa. 18 | |
| Change | Date | Name | Stand. | First. | Created for | DCO | 35 Bl. |

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|---------------------------------|---|-----------------------------|---------------------------|--------------------------|------------------------------------|
| Cable name +COM2-WS01 | Cable type ÖLFLEX CLASSIC 110-G | No. of cores 5/PE | Cross-section 1 | Cable length - | Remark START, STOP, HAND |
|---------------------------------|---|-----------------------------|---------------------------|--------------------------|------------------------------------|

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|----------------------|-----------------|-------------------------|------------|-------|-------------------|------------|-----------------|---------------|
| HAN R15 | =WIRP2+COM2/2.2 | +COM2-XS01 | 1 | 1 | =WIRP2+VORORT-S11 | 13 | =WIRP2+COM2/2.2 | LEFT |
| LEFT-BUTTON DRIVE 1 | =WIRP2+COM2/2.2 | +COM2-XS01 | 2 | 2 | =WIRP2+VORORT-S11 | 14 | =WIRP2+COM2/2.2 | LEFT |
| STOP-BUTTON DRIVE 1 | =WIRP2+COM2/2.3 | +COM2-XS01 | 3 | 3 | =WIRP2+VORORT-S12 | 14 | =WIRP2+COM2/2.3 | RED STOP |
| RIGHT-BUTTON DRIVE 1 | =WIRP2+COM2/2.5 | +COM2-XS01 | 4 | 4 | =WIRP2+VORORT-S13 | 14 | =WIRP2+COM2/2.5 | GREEN RIGHT |
| RIGHT-BUTTON DRIVE 1 | =WIRP2+COM2/2.5 | +COM2-XS01 | PE | PE | =WIRP2+VORORT-S13 | PE | =WIRP2+COM2/2.5 | GREEN RIGHT |
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| Date | 14.02.06 | | DP CANopen OPTIMIZED | +COM2-WS01 START, STOP, HAND | Drawing number | = CABP | | | | |
| User. | SEG | | MP&A/AD&S | | 33003614 | + | | | | |
| Check. | | | Created for | | | | Pa. 19 | | | |
| Change | Date | Name | Stand. | First. | Created by. | Created for. | Drawing number | 19 | DCO | 35 Bl. |

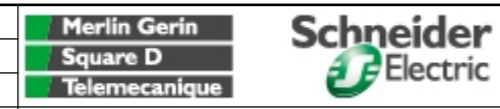
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|---------------------------------|------------------------------------|----------------------|--------------------|-------------------|--|
| Cable name +COM3-WS01 | Cable type ÖLFLEX CLASSIC 110-G | No. of cores 5/PE | Cross-section 1 | Cable length - | Remark CONVEYER 2 LEFT, STOP, RIGHT |
|---------------------------------|------------------------------------|----------------------|--------------------|-------------------|--|

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|----------------------|-----------------|-------------------------|------------|-------|-------------------|------------|-----------------|---------------|
| HAN R15 | =WIRP3+COM3/2.1 | +COM3-XS01 | 1 | 1 | =WIRP3+VORORT-S11 | 13 | =WIRP3+COM3/2.1 | LEFT |
| LEFT-BUTTON DRIVE 1 | =WIRP3+COM3/2.1 | +COM3-XS01 | 2 | 2 | =WIRP3+VORORT-S11 | 14 | =WIRP3+COM3/2.1 | LEFT |
| STOP-BUTTON DRIVE 1 | =WIRP3+COM3/2.3 | +COM3-XS01 | 3 | 3 | =WIRP3+VORORT-S12 | 14 | =WIRP3+COM3/2.3 | STOP |
| RIGHT-BUTTON DRIVE 1 | =WIRP3+COM3/2.4 | +COM3-XS01 | 4 | 4 | =WIRP3+VORORT-S13 | 14 | =WIRP3+COM3/2.4 | RIGHT |
| RIGHT-BUTTON DRIVE 1 | =WIRP3+COM3/2.5 | +COM3-XS01 | PE | PE | =WIRP3+VORORT-S13 | PE | =WIRP3+COM3/2.5 | RIGHT |
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| Date | 14. 02. 06 | | DP CANopen OPTIMIZED | +COM3-WS01 CONVEYER 2 LEFT, STOP, RIGHT | Drawing number | = CABP | |
| User. | SEG | | MP&A/AD&S | | 33003614 | + | |
| Check. | | | Created for | | 20 | DCO | Pa. 20 |
| Change | Date | | Name | | Created by. | | 35 Bl. |


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|------------|----------------------|--------------|---------------|--------------|-------------------|
| Cable name | Cable type | No. of cores | Cross-section | Cable length | Remark |
| +COM3-WS02 | ÖLFLEX CLASSIC 110-G | 5/PE | 1 | - | START, STOP, HAND |

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|----------------------|-----------------|-------------------------|------------|-------|-------------------|------------|-----------------|---------------|
| HAN R15 | =WIRP3+COM3/4.1 | +COM3-XS02 | 1 | 1 | =WIRP3+VORORT-S21 | 13 | =WIRP3+COM3/4.1 | LEFT |
| LEFT-BUTTON DRIVE 2 | =WIRP3+COM3/4.1 | +COM3-XS02 | 2 | 2 | =WIRP3+VORORT-S21 | 14 | =WIRP3+COM3/4.1 | LEFT |
| STOP-BUTTON DRIVE 2 | =WIRP3+COM3/4.3 | +COM3-XS02 | 3 | 3 | =WIRP3+VORORT-S22 | 14 | =WIRP3+COM3/4.3 | STOP |
| RIGHT-BUTTON DRIVE 2 | =WIRP3+COM3/4.5 | +COM3-XS02 | 4 | 4 | =WIRP3+VORORT-S23 | 14 | =WIRP3+COM3/4.5 | RIGHT |
| RIGHT-BUTTON DRIVE 2 | =WIRP3+COM3/4.5 | +COM3-XS02 | PE | PE | =WIRP3+VORORT-S23 | PE | =WIRP3+COM3/4.5 | RIGHT |
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| Date | 14.02.06 |  | DP CANopen OPTIMIZED | +COM3-WS02 START, STOP, HAND | Drawing number | = CABP |
| User. | SEG | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 21 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | |

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|-------------------|----------------------|--------------|---------------|--------------|-------------------|
| Cable name | Cable type | No. of cores | Cross-section | Cable length | Remark |
| +COM4-WS01 | ÖLFLEX CLASSIC 110-G | 5/PE | 1 | - | START, STOP, HAND |

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|----------------------|-----------------|-------------------------|------------|-------|-------------------|------------|-----------------|---------------|
| HAN R15 | =WIRP4+COM4/2.1 | +COM4-XS01 | 1 | 1 | =WIRP4+VORORT-S11 | 13 | =WIRP4+COM4/2.1 | LEFT |
| LEFT-BUTTON DRIVE 1 | =WIRP4+COM4/2.1 | +COM4-XS01 | 2 | 2 | =WIRP4+VORORT-S11 | 14 | =WIRP4+COM4/2.1 | LEFT |
| STOP-BUTTON DRIVE 1 | =WIRP4+COM4/2.3 | +COM4-XS01 | 3 | 3 | =WIRP4+VORORT-S12 | 14 | =WIRP4+COM4/2.3 | STOP |
| RIGHT-BUTTON DRIVE 1 | =WIRP4+COM4/2.4 | +COM4-XS01 | 4 | 4 | =WIRP4+VORORT-S13 | 14 | =WIRP4+COM4/2.4 | RIGHT |
| RIGHT-BUTTON DRIVE 1 | =WIRP4+COM4/2.5 | +COM4-XS01 | PE | PE | =WIRP4+VORORT-S13 | PE | =WIRP4+COM4/2.5 | RIGHT |
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| Date | 14.02.06 |  | DP CANopen OPTIMIZED | +COM4-WS01 START, STOP, HAND | Drawing number | = CABP | |
| User. | SEG | | MP&A/AD&S | | 33003614 | + | |
| Check. | | | Created for | | 22 | Pa. 22 | |
| Change | Date | Name | Stand. | First. | Created by. | DCO | 35 Bl. |

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|---------------------------------|------------------------------------|----------------------|--------------------|-------------------|--|
| Cable name +COM4-WS04 | Cable type ÖLFLEX CLASSIC 110-G | No. of cores 5/PE | Cross-section 1 | Cable length - | Remark CONVEYER 2 LEFT, STOP, RIGHT |
|---------------------------------|------------------------------------|----------------------|--------------------|-------------------|--|

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|----------------------|-----------------|-------------------------|------------|-------|-------------------|------------|-----------------|---------------|
| HAN R15 | =WIRP4+COM4/4.1 | +COM4-XS02 | 1 | 1 | =WIRP4+VORORT-S21 | 13 | =WIRP4+COM4/4.1 | LEFT |
| LEFT-BUTTON DRIVE 2 | =WIRP4+COM4/4.1 | +COM4-XS02 | 2 | 2 | =WIRP4+VORORT-S21 | 14 | =WIRP4+COM4/4.1 | LEFT |
| STOP-BUTTON DRIVE 2 | =WIRP4+COM4/4.3 | +COM4-XS02 | 3 | 3 | =WIRP4+VORORT-S22 | 14 | =WIRP4+COM4/4.3 | STOP |
| RIGHT-BUTTON DRIVE 2 | =WIRP4+COM4/4.4 | +COM4-XS02 | 4 | 4 | =WIRP4+VORORT-S23 | 14 | =WIRP4+COM4/4.4 | RIGHT |
| RIGHT-BUTTON DRIVE 2 | =WIRP4+COM4/4.5 | +COM4-XS02 | PE | PE | =WIRP4+VORORT-S23 | PE | =WIRP4+COM4/4.5 | RIGHT |
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| Cable name | Cable type | No. of cores | Cross-section | Cable length | Remark |
|-------------------|----------------------|--------------|---------------|--------------|--------|
| +MOV4-WM01 | ÖLFLEX CLASSIC 110-G | 4/PE | 1.5 | - | DRIVE |

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|---------------|-----------------|-------------------------|------------|-------|-------------------|------------|-----------------|---------------|
| HAN6 | =WIRP4+MOV4/1.1 | +MOV4-XM01 | 1 | 1 | =WIRP4+VORORT-M01 | U | =WIRP4+MOV4/1.1 | DRIVE 1 |
| DRIVE 1 | =WIRP4+MOV4/1.1 | +MOV4-XM01 | 2 | 2 | =WIRP4+VORORT-M01 | V | =WIRP4+MOV4/1.1 | DRIVE 1 |
| DRIVE 1 | =WIRP4+MOV4/1.1 | +MOV4-XM01 | 3 | 3 | =WIRP4+VORORT-M01 | W | =WIRP4+MOV4/1.1 | DRIVE 1 |
| DRIVE 1 | =WIRP4+MOV4/1.2 | +MOV4-XM01 | PE | PE | =WIRP4+VORORT-M01 | PE | =WIRP4+MOV4/1.1 | DRIVE 1 |
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| Date | 14.02.06 |  | DP CANopen OPTIMIZED | +MOV4-WM01 DRIVE | Drawing number 33003614 | = CABP | |
| User. | SEG | | | | | + | |
| Change | Date | | Name | Stand. | First. | Created for | Created by. |

| Cable name | Cable type | No. of cores | Cross-section | Cable length | Remark |
|------------|--------------------|--------------|---------------|--------------|---------------|
| +COM5-WB01 | ÖLFLEX CLASSIC 110 | 3 | 0.75 | - | LIGHT BARRIER |

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|--------------------------|-----------------|-------------------------|------------|-------|-------------------|------------|-----------------|---------------|
| 24V+ | =WIRP5+COM5/8.1 | +COM5-K101 | 01 | 1 | =WIRP5+COM5-B01 | 1 | =WIRP5+COM5/8.3 | LIGHT BARRIER |
| 0V | =WIRP5+COM5/8.2 | +COM5-K101 | 03 | 2 | =WIRP5+COM5-B01 | 3 | =WIRP5+COM5/8.3 | LIGHT BARRIER |
| LIGHT BARRIER CONVEYER 1 | =WIRP5+COM5/8.3 | +COM5-K101 | 04 | 3 | =WIRP5+COM5-B01 | 4 | =WIRP5+COM5/8.3 | LIGHT BARRIER |
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| Date | 14.02.06 |  | DP CANopen OPTIMIZED | +COM5-WB01 LIGHT BARRIER | Drawing number | = CABP |
| User. | SEG | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 27 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 35 Bl. |

| Cable name | Cable type | No. of cores | Cross-section | Cable length | Remark |
|------------|--------------------|--------------|---------------|--------------|---------------|
| +COM5-WB02 | ÖLFLEX CLASSIC 110 | 3 | 0.75 | - | LIGHT BARRIER |

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|--------------------------|-----------------|-------------------------|------------|-------|-------------------|------------|-----------------|---------------|
| 24V+ | =WIRP5+COM5/8.5 | +COM5-K101 | 11 | 1 | =WIRP5+COM5-B02 | 1 | =WIRP5+COM5/8.7 | LIGHT BARRIER |
| 0V | =WIRP5+COM5/8.7 | +COM5-K101 | 13 | 2 | =WIRP5+COM5-B02 | 3 | =WIRP5+COM5/8.7 | LIGHT BARRIER |
| LIGHT BARRIER CONVEYER 2 | =WIRP5+COM5/8.7 | +COM5-K101 | 14 | 3 | =WIRP5+COM5-B02 | 4 | =WIRP5+COM5/8.7 | LIGHT BARRIER |
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| Date | 14.02.06 | | DP CANopen OPTIMIZED | +COM5-WB02 LIGHT BARRIER | Drawing number | = CABP | |
| User. | SEG | | MP&A/AD&S | | 33003614 | + | |
| Check. | | | Created for | | 28 | Pa. | 28 |
| Change | Date | Name | Stand. | First. | Created by. | DCO | 35 Bl. |

WUP11450/08. Apr. 92

| Cable name | Cable type | No. of cores | Cross-section | Cable length | Remark |
|------------|--------------------|--------------|---------------|--------------|---------------|
| +COM5-WB03 | ÖLFLEX CLASSIC 110 | 3 | 0.75 | - | LIGHT BARRIER |

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|--------------------------|-----------------|-------------------------|------------|-------|-------------------|------------|-----------------|---------------|
| 24V+ | =WIRP5+COM5/9.1 | +COM5-K101 | 21 | 1 | =WIRP5+COM5-B03 | 1 | =WIRP5+COM5/9.3 | LIGHT BARRIER |
| 0V | =WIRP5+COM5/9.2 | +COM5-K101 | 23 | 2 | =WIRP5+COM5-B03 | 3 | =WIRP5+COM5/9.3 | LIGHT BARRIER |
| LIGHT BARRIER CONVEYER 3 | =WIRP5+COM5/9.3 | +COM5-K101 | 24 | 3 | =WIRP5+COM5-B03 | 4 | =WIRP5+COM5/9.3 | LIGHT BARRIER |
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| Cable name | Cable type | No. of cores | Cross-section | Cable length | Remark |
| +COM5-WB04 | ÖLFLEX CLASSIC 110 | 3 | 0.75 | - | INITIATOR |

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|---------------|------------|-------------------------|------------|-------|-------------------|------------|------------|---------------|
|---------------|------------|-------------------------|------------|-------|-------------------|------------|------------|---------------|

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|------------------|------------------|------------|----|---|-----------------|---|------------------|-----------|
| 24V+ | =WIRP5+COM5/12.1 | +COM5-K102 | 01 | 1 | =WIRP5+COM5-B04 | 1 | =WIRP5+COM5/12.3 | INITIATOR |
| 0V | =WIRP5+COM5/12.2 | +COM5-K102 | 03 | 2 | =WIRP5+COM5-B04 | 3 | =WIRP5+COM5/12.3 | INITIATOR |
| INITIATOR POS. 1 | =WIRP5+COM5/12.3 | +COM5-K102 | 04 | 3 | =WIRP5+COM5-B04 | 4 | =WIRP5+COM5/12.3 | INITIATOR |

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|--------|------|-------|----------|--|----------------------|-------------------------|----------------|-------------|----|
| | | Date | 14.02.06 |  | DP CANopen OPTIMIZED | +COM5-WB04 INITIATOR | Drawing number | = CABP | |
| | | User. | SEG | | | | | 33003614 | + |
| Change | Date | Name | Stand. | | First. | | Created for | Created by. | 30 |
| | | | | | | | DCO | 35 Bl. | |




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|---------------------------------|---|--------------------------|------------------------------|--------------------------|----------------------------|
| Cable name +COM5-WB07 | Cable type ÖLFLEX CLASSIC 110 | No. of cores 3 | Cross-section 0.75 | Cable length - | Remark INITIATOR |
|---------------------------------|---|--------------------------|------------------------------|--------------------------|----------------------------|

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|--------------------|------------------|-------------------------|------------|-------|-------------------|------------|------------------|---------------|
| 24V+ | =WIRP5+COM5/13.5 | +COM5-K102 | 31 | 1 | =WIRP5+COM5-B07 | 1 | =WIRP5+COM5/13.7 | INITIATOR |
| 0V | =WIRP5+COM5/13.7 | +COM5-K102 | 33 | 2 | =WIRP5+COM5-B07 | 3 | =WIRP5+COM5/13.7 | INITIATOR |
| INITIATOR POS. 2.2 | =WIRP5+COM5/13.7 | +COM5-K102 | 34 | 3 | =WIRP5+COM5-B07 | 4 | =WIRP5+COM5/13.7 | INITIATOR |
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| | | Date | 14.02.06 | | Schneider Electric | DP CANopen OPTIMIZED | +COM5-WB07 INITIATOR | Drawing number | = CABP |
| | | User. | SEG | | | | | 33003614 | + |
| Change | Date | Name | Stand. | | | MP&A/AD&S | | 33 | Pa. 33 |
| | | Stand. | First. | | Created for | Created by. | | DCO | 35 Bl. |

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|-------------------|---------------------------|--------------|---------------|--------------|----------------------|
| Cable name | Cable type | No. of cores | Cross-section | Cable length | Remark |
| +COM5-WB08 | ÖLFLEX CLASSIC 110 | 3 | 0.75 | - | LIGHT BARRIER |

| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|----------------------------------|------------------|-------------------------|------------|-------|-------------------|------------|------------------|---------------|
| 0V | =WIRP5+COM5/16.2 | +COM5-K103 | 03 | 1 | =WIRP5+COM5-B08 | 3 | =WIRP5+COM5/16.3 | LIGHT BARRIER |
| LIGHT BARRIER CONVEYER TURNTABLE | =WIRP5+COM5/16.3 | +COM5-K103 | 04 | 2 | =WIRP5+COM5-B08 | 4 | =WIRP5+COM5/16.3 | LIGHT BARRIER |
| 24V+ | =WIRP5+COM5/16.1 | +COM5-K103 | 01 | 3 | =WIRP5+COM5-B08 | 1 | =WIRP5+COM5/16.3 | LIGHT BARRIER |
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| Date | 14.02.06 |    | DP CANopen OPTIMIZED | +COM5-WB08 LIGHT BARRIER | Drawing number 33003614 | = CABP |
| User. | SEG | | MP&A/AD&S | | | + Pa. 34 |
| Check. | | | Created for | Created by. | 34 | DCO |
| Change | Date | Name | Stand. | First. | | |

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|---------------------------------|----------------------------------|-------------------|-----------------------|-------------------|-------------------------|
| Cable name +COM5-WB09 | Cable type ÖLFLEX CLASSIC 110 | No. of cores 3 | Cross-section 0.75 | Cable length - | Remark LIGHT BARRIER |
|---------------------------------|----------------------------------|-------------------|-----------------------|-------------------|-------------------------|


| Function text | Page/ path | Target designation from | Connection | Cond. | Target design. to | Connection | Page/ path | Function text |
|---------------|------------|-------------------------|------------|-------|-------------------|------------|------------|---------------|
|---------------|------------|-------------------------|------------|-------|-------------------|------------|------------|---------------|

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|------|------------------|------------|----|---|-----------------|---|------------------|---------------|
| 24V+ | =WIRP5+COM5/20.1 | +COM5-K104 | 01 | 1 | =WIRP5+COM5-B09 | 1 | =WIRP5+COM5/20.3 | LIGHT BARRIER |
|------|------------------|------------|----|---|-----------------|---|------------------|---------------|

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|----|------------------|------------|----|---|-----------------|---|------------------|---------------|
| 0V | =WIRP5+COM5/20.2 | +COM5-K104 | 03 | 2 | =WIRP5+COM5-B09 | 3 | =WIRP5+COM5/20.3 | LIGHT BARRIER |
|----|------------------|------------|----|---|-----------------|---|------------------|---------------|

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|--------------------------------|------------------|------------|----|---|-----------------|---|------------------|---------------|
| LIGHT BARRIER CONVEYER FROM/ON | =WIRP5+COM5/20.3 | +COM5-K104 | 04 | 3 | =WIRP5+COM5-B09 | 4 | =WIRP5+COM5/20.3 | LIGHT BARRIER |
|--------------------------------|------------------|------------|----|---|-----------------|---|------------------|---------------|

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| Date | 14.02.06 |  | DP CANopen OPTIMIZED | +COM5-WB09 LIGHT BARRIER | Drawing number | = CABP | | | | | | |
| User. | SEG | | MP&A/AD&S | | 33003614 | + | | | | | | |
| Check. | | | | | | Pa. | 35 | | | | | |
| Change | Date | Name | Stand. | First. | Created for | Created by. | | | | 35 | DCO | 35 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|------------------------------|-------------------------|--------------------|----------------|
| +COM-X03 | 13 | 90 | TERMINAL | AB1RR235U2GR | Schneider Electric | AB1RR235U2GR |
| +COM-X03 | 1 | 8 | TERMINAL 4,0MM² YELLOW/GREEN | AB1RRTP235U2 | Schneider Electric | AB1RRTP235U2 |
| +COM-X03 | 1 | 1 | TERMINAL 2,5MM² YELLOW/GREEN | AB1TP435U | Schneider Electric | AB1TP435U |
| +COM-XP01 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +COM-XP01 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +COM-XP01 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +COM-XP01 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +COM-XP01 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +COM-XP01 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +COM-XP01 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +COM-XS01 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +COM-XS01 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +COM-XS01 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +COM-XS01 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +COM-XS01 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +COM-XS01 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +COM-XS01 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +COM-XSCAN1 | 1 | 5 | M12 SOCKET FOR CANOPEN | SACCEC-M12FS-5CON-M16/5 | PHOENIX | 1525704 |
| +COM2-X03 | 4 | 90 | TERMINAL | AB1RR235U2GR | Schneider Electric | AB1RR235U2GR |
| +COM2-X03 | 1 | 8 | TERMINAL 4,0MM² YELLOW/GREEN | AB1RRTP235U2 | Schneider Electric | AB1RRTP235U2 |

=CABP/35

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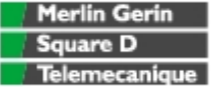

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|--------|----------|--|----------------------|---------------|----------------|--------|
| Date | 14.02.06 |  | DP CANopen OPTIMIZED | LIST OF PARTS | Drawing number | = PART |
| User. | PVH | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 1 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|------------------------------|--------------|--------------------|----------------|
| +COM2-XS01 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +COM2-XS01 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +COM2-XS01 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +COM2-XS01 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +COM2-XS01 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +COM2-XS01 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +COM2-XS01 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +COM3-X03 | 8 | 90 | TERMINAL | AB1RR235U2GR | Schneider Electric | AB1RR235U2GR |
| +COM3-X03 | 2 | 8 | TERMINAL 4,0MM² YELLOW/GREEN | AB1RRTP235U2 | Schneider Electric | AB1RRTP235U2 |
| +COM3-XS01 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +COM3-XS01 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +COM3-XS01 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +COM3-XS01 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +COM3-XS01 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +COM3-XS01 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +COM3-XS01 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +COM3-XS02 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +COM3-XS02 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +COM3-XS02 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +COM3-XS02 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |


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|--------|----------|--|----------------------|---------------|----------------|--------|
| Date | 14.02.06 |   | DP CANopen OPTIMIZED | LIST OF PARTS | Drawing number | = PART |
| User. | PVH | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created by. | | 2 | DCO |
| Change | Date | Name | Stand. | First. | Created for | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|------------------------------|--------------|--------------------|----------------|
| +COM3-XS02 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +COM3-XS02 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +COM3-XS02 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +COM4-X03 | 8 | 90 | TERMINAL | AB1RR235U2GR | Schneider Electric | AB1RR235U2GR |
| +COM4-X03 | 2 | 8 | TERMINAL 4,0MM² YELLOW/GREEN | AB1RRTP235U2 | Schneider Electric | AB1RRTP235U2 |
| +COM4-XS01 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +COM4-XS01 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +COM4-XS01 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +COM4-XS01 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +COM4-XS01 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +COM4-XS01 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +COM4-XS01 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +COM4-XS02 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +COM4-XS02 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +COM4-XS02 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +COM4-XS02 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +COM4-XS02 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +COM4-XS02 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +COM4-XS02 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +MOV-XM01 | 1 | 9 | BULKHEAD MOUNTED HOUSING | 09300060302 | HARTING | 09300060302 |


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| Date | 14.02.06 |  | DP CANopen OPTIMIZED | LIST OF PARTS | Drawing number | = PART | |
| User. | PVH | | MP&A/AD&S | | 33003614 | + | |
| Check. | | | Created by. | | 3 | DCO | Pa. 3 |
| Change | Date | Name | Stand. | First. | Created for | 3 | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|-----------------------------|-------------|------------|----------------|
| +MOV-XM01 | 1 | 9 | HOUSING TOP 6 PIN/16A | 09300061440 | HARTING | 09300061440 |
| +MOV-XM01 | 6 | 48 | CRIMP CONTACTS MALE | 09330006104 | HARTING | 09330006104 |
| +MOV-XM01 | 6 | 48 | CRIMP CONTACTS FEMALE | 09330006204 | HARTING | 09330006204 |
| +MOV-XM01 | 1 | 9 | PIN INSERT 6 PIN/16A | 09330062602 | HARTING | 09330062602 |
| +MOV-XM01 | 1 | 9 | BUSH INSERT 6 PIN/16A | 09330062702 | HARTING | 09330062702 |
| +MOV-XM01 | 1 | 4 | BRASS-ADAPTOR PG 21-M20X1,5 | 52104497 | LAPP KABEL | 52104497 |
| +MOV-XM01 | 1 | 8 | METAL-SCREW JOINT/ EARTH | 52106960 | LAPP KABEL | 52106960 |
| +MOV-XM02 | 1 | 9 | BULKHEAD MOUNTED HOUSING | 09300060302 | HARTING | 09300060302 |
| +MOV-XM02 | 1 | 9 | HOUSING TOP 6 PIN/16A | 09300061440 | HARTING | 09300061440 |
| +MOV-XM02 | 6 | 48 | CRIMP CONTACTS MALE | 09330006104 | HARTING | 09330006104 |
| +MOV-XM02 | 6 | 48 | CRIMP CONTACTS FEMALE | 09330006204 | HARTING | 09330006204 |
| +MOV-XM02 | 1 | 9 | PIN INSERT 6 PIN/16A | 09330062602 | HARTING | 09330062602 |
| +MOV-XM02 | 1 | 9 | BUSH INSERT 6 PIN/16A | 09330062702 | HARTING | 09330062702 |
| +MOV-XM02 | 1 | 4 | BRASS-ADAPTOR PG 21-M20X1,5 | 52104497 | LAPP KABEL | 52104497 |
| +MOV-XM02 | 1 | 8 | METAL-SCREW JOINT/ EARTH | 52106960 | LAPP KABEL | 52106960 |
| +MOV-XM03 | 1 | 9 | BULKHEAD MOUNTED HOUSING | 09300060302 | HARTING | 09300060302 |
| +MOV-XM03 | 1 | 9 | HOUSING TOP 6 PIN/16A | 09300061440 | HARTING | 09300061440 |
| +MOV-XM03 | 6 | 48 | CRIMP CONTACTS MALE | 09330006104 | HARTING | 09330006104 |
| +MOV-XM03 | 6 | 48 | CRIMP CONTACTS FEMALE | 09330006204 | HARTING | 09330006204 |
| +MOV-XM03 | 1 | 9 | PIN INSERT 6 PIN/16A | 09330062602 | HARTING | 09330062602 |

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| Date | | 14.02.06 | |  | DP CANopen OPTIMIZED | LIST OF PARTS | Drawing number | = PART |
| User. | | PVH | | | MP&A/AD&S | | 33003614 | + |
| Check. | | | | | Created by. | | 4 | DCO |
| Change | Date | Name | Stand. | First. | Created for | | | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|---------------------------------|-------------|------------|----------------|
| +MOV-XM03 | 1 | 9 | BUSH INSERT 6 PIN/16A | 09330062702 | HARTING | 09330062702 |
| +MOV-XM03 | 1 | 4 | BRASS-ADAPTOR PG 21-M20X1,5 | 52104497 | LAPP KABEL | 52104497 |
| +MOV-XM03 | 1 | 8 | METAL-SCREW JOINT/ EARTH | 52106960 | LAPP KABEL | 52106960 |
| +MOV-XM04 | 1 | 9 | BULKHEAD MOUNTED HOUSING | 09300060302 | HARTING | 09300060302 |
| +MOV-XM04 | 1 | 9 | HOUSING TOP 6 PIN/16A | 09300061440 | HARTING | 09300061440 |
| +MOV-XM04 | 6 | 48 | CRIMP CONTACTS MALE | 09330006104 | HARTING | 09330006104 |
| +MOV-XM04 | 6 | 48 | CRIMP CONTACTS FEMALE | 09330006204 | HARTING | 09330006204 |
| +MOV-XM04 | 1 | 9 | PIN INSERT 6 PIN/16A | 09330062602 | HARTING | 09330062602 |
| +MOV-XM04 | 1 | 9 | BUSH INSERT 6 PIN/16A | 09330062702 | HARTING | 09330062702 |
| +MOV-XM04 | 1 | 4 | BRASS-ADAPTOR PG 21-M20X1,5 | 52104497 | LAPP KABEL | 52104497 |
| +MOV-XM04 | 1 | 8 | METAL-SCREW JOINT/ EARTH | 52106960 | LAPP KABEL | 52106960 |
| +MOV4-XM01 | 1 | 9 | BULKHEAD MOUNTED HOUSING | 09300060302 | HARTING | 09300060302 |
| +MOV4-XM01 | 1 | 9 | HOUSING TOP 6 PIN/16A | 09300061440 | HARTING | 09300061440 |
| +MOV4-XM01 | 6 | 48 | CRIMP CONTACTS MALE | 09330006104 | HARTING | 09330006104 |
| +MOV4-XM01 | 6 | 48 | CRIMP CONTACTS FEMALE | 09330006204 | HARTING | 09330006204 |
| +MOV4-XM01 | 1 | 9 | PIN INSERT 6 PIN/16A | 09330062602 | HARTING | 09330062602 |
| +MOV4-XM01 | 1 | 9 | BUSH INSERT 6 PIN/16A | 09330062702 | HARTING | 09330062702 |
| +MOV4-XM01 | 1 | 5 | CUT OUT SEAL | 09000005030 | HARTING | 09000005030 |
| +MOV4-XM01 | 1 | 5 | Special cable gland, cord grip, | 09000005168 | HARTING | 09000005168 |
| +MOV4-XM02 | 1 | 9 | BULKHEAD MOUNTED HOUSING | 09300060302 | HARTING | 09300060302 |

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| Date | 14.02.06 |  | DP CANopen OPTIMIZED | LIST OF PARTS | Drawing number | = PART |
| User. | PVH | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 5 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|---------------------------------|-------------------------|----------|----------------|
| +MOV4-XM02 | 1 | 9 | HOUSING TOP 6 PIN/16A | 09300061440 | HARTING | 09300061440 |
| +MOV4-XM02 | 6 | 48 | CRIMP CONTACTS MALE | 09330006104 | HARTING | 09330006104 |
| +MOV4-XM02 | 6 | 48 | CRIMP CONTACTS FEMALE | 09330006204 | HARTING | 09330006204 |
| +MOV4-XM02 | 1 | 9 | PIN INSERT 6 PIN/16A | 09330062602 | HARTING | 09330062602 |
| +MOV4-XM02 | 1 | 9 | BUSH INSERT 6 PIN/16A | 09330062702 | HARTING | 09330062702 |
| +MOV4-XM02 | 1 | 5 | CUT OUT SEAL | 09000005030 | HARTING | 09000005030 |
| +MOV4-XM02 | 1 | 5 | Special cable gland, cord grip, | 09000005168 | HARTING | 09000005168 |
| +PLC2-XSCAN1 | 1 | 2 | M12 PIN FOR CANOPEN | SACCEC-M12MS-5CON-M16/5 | PHOENIX | 1525652 |
| +PLC2-XSCAN2 | 1 | 5 | M12 SOCKET FOR CANOPEN | SACCEC-M12FS-5CON-M16/5 | PHOENIX | 1525704 |
| +PLC3-XSCAN1 | 1 | 2 | M12 PIN FOR CANOPEN | SACCEC-M12MS-5CON-M16/5 | PHOENIX | 1525652 |
| +PLC3-XSCAN2 | 1 | 5 | M12 SOCKET FOR CANOPEN | SACCEC-M12FS-5CON-M16/5 | PHOENIX | 1525704 |
| +PLC4-XSCAN1 | 1 | 5 | M12 SOCKET FOR CANOPEN | SACCEC-M12FS-5CON-M16/5 | PHOENIX | 1525704 |
| +PLC4-XSCAN2 | 1 | 5 | M12 SOCKET FOR CANOPEN | SACCEC-M12FS-5CON-M16/5 | PHOENIX | 1525704 |
| +PSD-X01 | 1 | 9 | BULKHEAD MOUNTED HOUSING | 09300060302 | HARTING | 09300060302 |
| +PSD-X01 | 1 | 9 | HOUSING TOP 6 PIN/16A | 09300061440 | HARTING | 09300061440 |
| +PSD-X01 | 6 | 6 | CRIMP CONTACTS MALE | 09330006102 | HARTING | 09330006102 |
| +PSD-X01 | 6 | 6 | CRIMP CONTACTS FEMALE | 09330006202 | HARTING | 09330006202 |
| +PSD-X01 | 1 | 9 | PIN INSERT 6 PIN/16A | 09330062602 | HARTING | 09330062602 |
| +PSD-X01 | 1 | 9 | BUSH INSERT 6 PIN/16A | 09330062702 | HARTING | 09330062702 |
| +PSD-X01 | 1 | 5 | CUT OUT SEAL | 09000005030 | HARTING | 09000005030 |

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| Date | 14.02.06 |  | DP CANopen OPTIMIZED | LIST OF PARTS | Drawing number | = PART |
| User. | PVH | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 6 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|---------------------------------|--------------|--------------------|----------------|
| +PSD-X01 | 1 | 5 | Special cable gland, cord grip, | 09000005168 | HARTING | 09000005168 |
| +PSD-X02 | 23 | 90 | TERMINAL | AB1RR235U2GR | Schneider Electric | AB1RR235U2GR |
| +PSD-XWIR1 | 1 | 9 | BULKHEAD MOUNTED HOUSING | 09300060302 | HARTING | 09300060302 |
| +PSD-XWIR1 | 1 | 9 | HOUSING TOP 6 PIN/16A | 09300061440 | HARTING | 09300061440 |
| +PSD-XWIR1 | 6 | 48 | CRIMP CONTACTS MALE | 09330006104 | HARTING | 09330006104 |
| +PSD-XWIR1 | 6 | 48 | CRIMP CONTACTS FEMALE | 09330006204 | HARTING | 09330006204 |
| +PSD-XWIR1 | 1 | 9 | PIN INSERT 6 PIN/16A | 09330062602 | HARTING | 09330062602 |
| +PSD-XWIR1 | 1 | 9 | BUSH INSERT 6 PIN/16A | 09330062702 | HARTING | 09330062702 |
| +PSD-XWIR1 | 1 | 5 | CUT OUT SEAL | 09000005030 | HARTING | 09000005030 |
| +PSD-XWIR1 | 1 | 5 | Special cable gland, cord grip, | 09000005168 | HARTING | 09000005168 |
| +PSD-XWIR2 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +PSD-XWIR2 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +PSD-XWIR2 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +PSD-XWIR2 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +PSD-XWIR2 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +PSD-XWIR2 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +PSD-XWIR2 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +PSD-XWIR3 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +PSD-XWIR3 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +PSD-XWIR3 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |

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| Date | 14.02.06 |   | DP CANopen OPTIMIZED | LIST OF PARTS | Drawing number | = PART |
| User. | PVH | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created by. | | 7 | DCO |
| Change | Date | Name | Stand. | First. | Created for | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|---------------------------------|-------------|----------|----------------|
| +PSD2-XWIR2 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +PSD2-XWIR2 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +PSD2-XWIR2 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +PSD2-XWIR2 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +PSD2-XWIR2 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +PSD3-XWIR3 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +PSD3-XWIR3 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +PSD3-XWIR3 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +PSD3-XWIR3 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +PSD3-XWIR3 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +PSD3-XWIR3 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +PSD3-XWIR3 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +PSD4-X01W4 | 1 | 9 | BULKHEAD MOUNTED HOUSING | 09300060302 | HARTING | 09300060302 |
| +PSD4-X01W4 | 1 | 9 | HOUSING TOP 6 PIN/16A | 09300061440 | HARTING | 09300061440 |
| +PSD4-X01W4 | 6 | 48 | CRIMP CONTACTS MALE | 09330006104 | HARTING | 09330006104 |
| +PSD4-X01W4 | 6 | 48 | CRIMP CONTACTS FEMALE | 09330006204 | HARTING | 09330006204 |
| +PSD4-X01W4 | 1 | 9 | PIN INSERT 6 PIN/16A | 09330062602 | HARTING | 09330062602 |
| +PSD4-X01W4 | 1 | 9 | BUSH INSERT 6 PIN/16A | 09330062702 | HARTING | 09330062702 |
| +PSD4-X01W4 | 1 | 5 | CUT OUT SEAL | 09000005030 | HARTING | 09000005030 |
| +PSD4-X01W4 | 1 | 5 | Special cable gland, cord grip, | 09000005168 | HARTING | 09000005168 |

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| Date | 14.02.06 |  | DP CANopen OPTIMIZED | LIST OF PARTS | Drawing number | = PART |
| User. | PVH | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 9 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|----------------------|--------------|--------------------|----------------|
| +PSD4-XWIR4 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +PSD4-XWIR4 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +PSD4-XWIR4 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +PSD4-XWIR4 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +PSD4-XWIR4 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +PSD4-XWIR4 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +PSD4-XWIR4 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +PSD4-XWIRP4 | 3 | 90 | TERMINAL | AB1RR235U2GR | Schneider Electric | AB1RR235U2GR |
| +SAF-X1K05 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +SAF-X1K05 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +SAF-X1K05 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +SAF-X1K05 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +SAF-X1K05 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +SAF-X1K05 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +SAF-X1K05 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +SAF-X2K05 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +SAF-X2K05 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +SAF-X2K05 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +SAF-X2K05 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +SAF-X2K05 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |

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| Date | 14.02.06 |   | DP CANopen OPTIMIZED | LIST OF PARTS | Drawing number | = PART |
| User. | PVH | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 10 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|------------------------------|--------------|--------------------|----------------|
| +SAF-X2K05 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +SAF-X2K05 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +SAF-XLC | 2 | 8 | TERMINAL 4,0MM² YELLOW/GREEN | AB1RRTP235U2 | Schneider Electric | AB1RRTP235U2 |
| +SAF-XLC | 13 | 90 | TERMINAL | AB1RR235U2GR | Schneider Electric | AB1RR235U2GR |
| +SAF-XNA | 8 | 90 | TERMINAL | AB1RR235U2GR | Schneider Electric | AB1RR235U2GR |
| +SAF-XS04 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +SAF-XS04 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +SAF-XS04 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +SAF-XS04 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +SAF-XS04 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +SAF-XS04 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +SAF-XS04 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +SAF-XS05 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +SAF-XS05 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +SAF-XS05 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +SAF-XS05 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +SAF-XS05 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +SAF-XS05 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +SAF-XS05 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +SAF-XSNA1 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |

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| User. | PVH | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 11 | DCO |
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LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|----------------------|--------------|--------------------|----------------|
| +SAF-XSNA1 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +SAF-XSNA1 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +SAF-XSNA1 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +SAF-XSNA1 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +SAF-XSNA1 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +SAF-XSNA1 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +SAF4-XNA | 10 | 90 | TERMINAL | AB1RR235U2GR | Schneider Electric | AB1RR235U2GR |
| +SAF4-XS03 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +SAF4-XS03 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +SAF4-XS03 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +SAF4-XS03 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +SAF4-XS03 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +SAF4-XS03 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |
| +SAF4-XS03 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| +SAF4-XSNA1 | 1 | 22 | PIN INSERT (M) | 09150073001 | HARTING | 09150073001 |
| +SAF4-XSNA1 | 1 | 22 | BUSH INSERT (F) | 09150073101 | HARTING | 09150073101 |
| +SAF4-XSNA1 | 8 | 176 | FEMALE CONTACTS 10A | 09150006102 | HARTING | 09150006102 |
| +SAF4-XSNA1 | 8 | 176 | MALE CONTACTS 10A | 09150006202 | HARTING | 09150006202 |
| +SAF4-XSNA1 | 1 | 22 | RACK | 09150000401 | HARTING | 09150000401 |
| +SAF4-XSNA1 | 1 | 22 | SCREW-IN HOUSING | 09150000101 | HARTING | 09150000101 |

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| User. | PVH | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 12 | DCO |
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LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|--|-------------|--------------------|----------------|
| +SAF4-XSNA1 | 1 | 22 | COVER SCREW MOUNTING | 09150005401 | HARTING | 09150005401 |
| =LAYP+LAY-H1 | 1 | 1 | SWITCH CABINET AND MOUNTING PLATE | ENN83354 | Sarel GmbH | ENN83354 |
| =LAYP+LAY-H1 | 1 | 4 | WIRING DIAGRAM POCKET | ENN21322 | Sarel GmbH | ENN21322 |
| =LAYP+LAY-H2 | 1 | 2 | SWITCH CABINET AND MOUNTING PLATE | ENN83303 | Sarel GmbH | ENN83303 |
| =LAYP+LAY-H2 | 1 | 4 | WIRING DIAGRAM POCKET | ENN21322 | Sarel GmbH | ENN21322 |
| =LAYP+LAY-H3 | 1 | 2 | SWITCH CABINET AND MOUNTING PLATE | ENN83303 | Sarel GmbH | ENN83303 |
| =LAYP+LAY-H3 | 1 | 4 | WIRING DIAGRAM POCKET | ENN21322 | Sarel GmbH | ENN21322 |
| =LAYP+LAY-H4 | 1 | 1 | SWITCH CABINET AND MOUNTING PLATE | ENN83329 | Sarel GmbH | ENN83329 |
| =LAYP+LAY-H4 | 1 | 4 | WIRING DIAGRAM POCKET | ENN21322 | Sarel GmbH | ENN21322 |
| =WIRP1+COM-S02 | 1 | 12 | PUSHBUTTON, 1NC | XB5AA42 | Schneider Electric | XB5AA42 |
| =WIRP1+COM-S02 | 1 | 4 | AUXILIARY CONTACT 1NO/NC | ZB5AZ105 | Schneider Electric | ZB5AZ105 |
| =WIRP1+COM-S02 | 1 | 2 | TAG HOLDER 30X50MM | ZBZ33 | Schneider Electric | ZBZ33 |
| =WIRP1+COM-SP01 | 1 | 2 | ILLUMINATED PUSHBUTTON 1NC/1NO, GREEN | XB5AW33B5 | Schneider Electric | XB5AW33B5 |
| =WIRP1+COM-SP03 | 1 | 2 | ILLUMINATED PUSHBUTTON 1NC/1NO, YELLOW | XB5AW35B5 | Schneider Electric | XB5AW35B5 |
| =WIRP1+COM-XCA1 | 1 | 2 | VW3CANTAP2 | VW3CANTAP2 | Schneider Electric | VW3CANTAP2 |
| =WIRP1+COM-XCA2 | 1 | 2 | VW3CANTAP2 | VW3CANTAP2 | Schneider Electric | VW3CANTAP2 |
| =WIRP1+HMI-P01 | 1 | 1 | MAGELIS CONTROL TERMINAL | XBTG1100 | Schneider Electric | XBTG1100 |
| =WIRP1+HMI-P01 | 1 | 1 | COMMUNICATIONS CABLE | XBTZ968 | Schneider Electric | XBTZ968 |
| =WIRP1+MOV-Q01 | 1 | 4 | MAGNETIC CIRCUIT-BREAKER 2, 5A | GV2L07 | Schneider Electric | GV2L07 |
| =WIRP1+MOV-Q01 | 1 | 4 | AUXILIARY CONTACT 1NC+1NO | GVAE11 | Schneider Electric | GVAE11 |


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| User. | PVH | | | MP&A/AD&S | | 33003614 | + |
| Check. | | | | Created by. | | 13 | DCO |
| Change | Date | Name | Stand. | First. | Created for | | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|-----------------------------------|--------------|--------------------|----------------|
| =WIRP1+MOV-Q02 | 1 | 4 | MAGNETIC CIRCUIT-BREAKER 2,5A | GV2L07 | Schneider Electric | GV2L07 |
| =WIRP1+MOV-Q02 | 1 | 4 | AUXILIARY CONTACT 1NC+1NO | GVAE11 | Schneider Electric | GVAE11 |
| =WIRP1+MOV-Q03 | 1 | 4 | MAGNETIC CIRCUIT-BREAKER 2,5A | GV2L07 | Schneider Electric | GV2L07 |
| =WIRP1+MOV-Q03 | 1 | 4 | AUXILIARY CONTACT 1NC+1NO | GVAE11 | Schneider Electric | GVAE11 |
| =WIRP1+MOV-Q04 | 1 | 4 | MAGNETIC CIRCUIT-BREAKER 2,5A | GV2L07 | Schneider Electric | GV2L07 |
| =WIRP1+MOV-Q04 | 1 | 4 | AUXILIARY CONTACT 1NC+1NO | GVAE11 | Schneider Electric | GVAE11 |
| =WIRP1+MOV-T01 | 1 | 4 | VARIABLE SPEED DRIVES 0,37KW | ATV31H037N4 | Schneider Electric | ATV31H037N4 |
| =WIRP1+MOV-T01 | 1 | 4 | MOUNTING PLATE ATV31 | VW3A31852 | Schneider Electric | VW3A31852 |
| =WIRP1+MOV-T01 | 1 | 4 | CANOPEN CONNECTING CABLE RJ45 | VW3CANCARR1 | Schneider Electric | VW3CANCARR1 |
| =WIRP1+MOV-T02 | 1 | 4 | VARIABLE SPEED DRIVES 0,37KW | ATV31H037N4 | Schneider Electric | ATV31H037N4 |
| =WIRP1+MOV-T02 | 1 | 4 | MOUNTING PLATE ATV31 | VW3A31852 | Schneider Electric | VW3A31852 |
| =WIRP1+MOV-T02 | 1 | 4 | CANOPEN CONNECTING CABLE RJ45 | VW3CANCARR1 | Schneider Electric | VW3CANCARR1 |
| =WIRP1+MOV-T03 | 1 | 4 | VARIABLE SPEED DRIVES 0,37KW | ATV31H037N4 | Schneider Electric | ATV31H037N4 |
| =WIRP1+MOV-T03 | 1 | 4 | MOUNTING PLATE ATV31 | VW3A31852 | Schneider Electric | VW3A31852 |
| =WIRP1+MOV-T03 | 1 | 4 | CANOPEN CONNECTING CABLE RJ45 | VW3CANCARR1 | Schneider Electric | VW3CANCARR1 |
| =WIRP1+MOV-T04 | 1 | 4 | VARIABLE SPEED DRIVES 0,37KW | ATV31H037N4 | Schneider Electric | ATV31H037N4 |
| =WIRP1+MOV-T04 | 1 | 4 | MOUNTING PLATE ATV31 | VW3A31852 | Schneider Electric | VW3A31852 |
| =WIRP1+MOV-T04 | 1 | 4 | CANOPEN CONNECTING CABLE RJ45 | VW3CANCARR1 | Schneider Electric | VW3CANCARR1 |
| =WIRP1+PLC-K01 | 1 | 1 | Twido plc modular-device m. 20e/a | TWDLMDA20DRT | Schneider Electric | TWDLMDA20DRT |
| =WIRP1+PLC-K01 | 1 | 2 | Twido interface module 24v | TWDDDI8DT | Schneider Electric | TWDDDI8DT |


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| Check. | | | Created for | | 14 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|--------------------------------|--------------|--------------------|----------------|
| =WIRP1+PLC-K02 | 1 | 1 | Twido sps interface | TWNC01M | Schneider Electric | TWNC01M |
| =WIRP1+PLC-K03 | 1 | 2 | Twido interface module 24v | TWDDDI8DT | Schneider Electric | TWDDDI8DT |
| =WIRP1+PSD-B01 | 1 | 2 | THERMOSTAT 1NC 0-60°C | ENN17562 | Sarel GmbH | ENN17562 |
| =WIRP1+PSD-E01 | 1 | 2 | FAN WITH FILTER 230V, 0,12A | ENN17901 | Sarel GmbH | ENN17901 |
| =WIRP1+PSD-E01 | 1 | 2 | AIR FILTER | ENN17911 | Sarel GmbH | ENN17911 |
| =WIRP1+PSD-F01 | 1 | 2 | Circuit breaker c60n 2p 2a c | 23747 | Schneider Electric | 23747 |
| =WIRP1+PSD-F02 | 1 | 1 | CIRCUIT BREAKER C60H 2P 3A D | 24518 | Schneider Electric | 24518 |
| =WIRP1+PSD-F03 | 1 | 1 | Circuit breaker c60l 1p 2a c | 25393 | Schneider Electric | 25393 |
| =WIRP1+PSD-F04 | 1 | 13 | Circuit breaker c60l 1p 1a c | 25392 | Schneider Electric | 25392 |
| =WIRP1+PSD-F05 | 1 | 13 | Circuit breaker c60l 1p 1a c | 25392 | Schneider Electric | 25392 |
| =WIRP1+PSD-F06 | 1 | 1 | Circuit breaker c60l 1p 4a c | 25395 | Schneider Electric | 25395 |
| =WIRP1+PSD-F07 | 1 | 1 | Circuit breaker c60h 1p 1a b | 24045 | Schneider Electric | 24045 |
| =WIRP1+PSD-P01 | 1 | 1 | SIGNAL LAMP WHITE | XB5AVB1 | Schneider Electric | XB5AVB1 |
| =WIRP1+PSD-Q01 | 1 | 1 | MAIN SWITCH 25A FLUSH MOUNTING | VCDO | Schneider Electric | VCDO |
| =WIRP1+PSD-T01 | 1 | 1 | POWER SUPPLY UNIT 230/24VDC | ABL7RP2410 | Schneider Electric | ABL7RP2410 |
| =WIRP1+PSD-XTR01 | 1 | 1 | DISCONNECT TERMINAL | 5711016550 | Schneider Electric | 5711016550 |
| =WIRP1+SAF-K01 | 1 | 3 | EMERGENCY STOP RELAY | XPSAK311144P | Schneider Electric | XPSAK311144P |
| =WIRP1+SAF-K02 | 1 | 8 | CONTACTOR | LC1D09BD | Schneider Electric | LC1D09BD |
| =WIRP1+SAF-K03 | 1 | 8 | CONTACTOR | LC1D09BD | Schneider Electric | LC1D09BD |
| =WIRP1+SAF-K04 | 1 | 3 | EMERGENCY STOP RELAY | XPSAK311144P | Schneider Electric | XPSAK311144P |

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| Date | 14.02.06 |  | DP CANopen OPTIMIZED | LIST OF PARTS | Drawing number | = PART | |
| User. | PVH | | MP&A/AD&S | | 33003614 | + | |
| Check. | | | Created for | | 15 | DCO | Pa. 15 |
| Change | Date | Name | Stand. | First. | Created by. | | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|---|------------------|--------------------|---------------------|
| =WIRP1+SAF-K06 | 1 | 8 | CONTACTOR | LC1D09BD | Schneider Electric | LC1D09BD |
| =WIRP1+SAF-K07 | 1 | 8 | CONTACTOR | LC1D09BD | Schneider Electric | LC1D09BD |
| =WIRP1+SAF-K08 | 1 | 8 | CONTACTOR | LC1D09BD | Schneider Electric | LC1D09BD |
| =WIRP1+SAF-K09 | 1 | 8 | CONTACTOR | LC1D09BD | Schneider Electric | LC1D09BD |
| =WIRP1+SAF-S01 | 1 | 2 | EMERGENCY STOP BUTTON ROTATION RELEASE | XB5AS844 | Schneider Electric | XB5AS844 |
| =WIRP1+SAF-S01 | 1 | 2 | EMERGENCY STOP AUXILIARY CONTACTBLOCK 1NO+2NC | ZB5AZ141 | Schneider Electric | XB5AZ141 |
| =WIRP1+SAF-SP01 | 1 | 3 | ILLUMINATED PUSHBUTTON 1NC, BLUE | XB5AW36B5 | Schneider Electric | XB5AW36B5 |
| =WIRP1+SAF-SP03 | 1 | 3 | ILLUMINATED PUSHBUTTON 1NC, BLUE | XB5AW36B5 | Schneider Electric | XB5AW36B5 |
| =WIRP1+VORORT-A01 | 1 | 6 | ASSEMBLY HOUSING | XALD03 | Schneider Electric | XALD03 |
| =WIRP1+VORORT-K05 | 1 | 1 | SAFETY LIGHT CURTAINS | XUSLTR5A0350 | Schneider Electric | XUSLTR5A0350 |
| =WIRP1+VORORT-K05 | 1 | 1 | EXTENSION CABLE RECEIVER | XSZTCR10 | Schneider Electric | XSZTCR10 |
| =WIRP1+VORORT-K05 | 1 | 1 | EXTENSION CABLE TRANSMITTER | XSZTCT10 | Schneider Electric | XSZTCT10 |
| =WIRP1+VORORT-M01 | 1 | 6 | THREE PHASE AC MOTOR 220/380V/0,18KW | MOTOR_380/0,18KW | WEG | D1 MOTOR_380/0,18KW |
| =WIRP1+VORORT-M01 | 1 | 6 | BRASS-ADAPTOR PG 11-M20X1,5 | 52104493 | LAPP KABEL | 52104493 |
| =WIRP1+VORORT-M01 | 1 | 8 | METAL-SCREW JOINT/ EARTH | 52106960 | LAPP KABEL | 52106960 |
| =WIRP1+VORORT-M02 | 1 | 6 | THREE PHASE AC MOTOR 220/380V/0,18KW | MOTOR_380/0,18KW | WEG | D1 MOTOR_380/0,18KW |
| =WIRP1+VORORT-M02 | 1 | 6 | BRASS-ADAPTOR PG 11-M20X1,5 | 52104493 | LAPP KABEL | 52104493 |
| =WIRP1+VORORT-M02 | 1 | 8 | METAL-SCREW JOINT/ EARTH | 52106960 | LAPP KABEL | 52106960 |
| =WIRP1+VORORT-M03 | 1 | 6 | THREE PHASE AC MOTOR 220/380V/0,18KW | MOTOR_380/0,18KW | WEG | D1 MOTOR_380/0,18KW |
| =WIRP1+VORORT-M03 | 1 | 6 | BRASS-ADAPTOR PG 11-M20X1,5 | 52104493 | LAPP KABEL | 52104493 |


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| Date | 14.02.06 |  | DP CANopen OPTIMIZED | LIST OF PARTS | Drawing number | = PART |
| User. | PVH | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 16 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|--------------------|-----------|--------|--|------------------|--------------------|---------------------|
| =WIRP1+VORORT-M03 | 1 | 8 | METAL-SCREW JOINT/ EARTH | 52106960 | LAPP KABEL | 52106960 |
| =WIRP1+VORORT-M04 | 1 | 6 | THREE PHASE AC MOTOR 220/380V/0,18KW | MOTOR_380/0,18KW | WEG | D1 MOTOR_380/0,18KW |
| =WIRP1+VORORT-M04 | 1 | 6 | BRASS-ADAPTOR PG 11-M20X1,5 | 52104493 | LAPP KABEL | 52104493 |
| =WIRP1+VORORT-M04 | 1 | 8 | METAL-SCREW JOINT/ EARTH | 52106960 | LAPP KABEL | 52106960 |
| =WIRP1+VORORT-P01 | 1 | 1 | CONNECTION ELEMENT | XVBC11 | Schneider Electric | XVBC11 |
| =WIRP1+VORORT-P01 | 1 | 1 | SIGNAL PILLAR PIPE | XVBC02 | Schneider Electric | XVBC02 |
| =WIRP1+VORORT-P01 | 1 | 1 | Connection element | XVBC21 | Schneider Electric | XVBC21 |
| =WIRP1+VORORT-P01 | 1 | 1 | SIGNAL ELEMENT RED | XVBC2B4 | Schneider Electric | XVBC2B4 |
| =WIRP1+VORORT-P01 | 1 | 1 | SIGNAL ELEMENT BLUE | XVBC2B6 | Schneider Electric | XVBC2B6 |
| =WIRP1+VORORT-P01 | 1 | 1 | LIGHT SIGNALLING WHITE | XVBC2B7 | Schneider Electric | XVBC2B7 |
| =WIRP1+VORORT-P01 | 1 | 1 | SIGNAL ELEMENT GREEN | XVBC2B3 | Schneider Electric | XVBC2B3 |
| =WIRP1+VORORT-S12 | 1 | 12 | PUSHBUTTON, 1NC | XB5AA42 | Schneider Electric | XB5AA42 |
| =WIRP1+VORORT-S12 | 1 | 4 | AUXILIARY CONTACT 1NO/NC | ZB5AZ105 | Schneider Electric | ZB5AZ105 |
| =WIRP1+VORORT-S12 | 1 | 2 | TAG HOLDER 30X50MM | ZBZ33 | Schneider Electric | ZBZ33 |
| =WIRP1+VORORT-SP11 | 1 | 2 | ILLUMINATED PUSHBUTTON 1NC/1NO, GREEN | XB5AW33B5 | Schneider Electric | XB5AW33B5 |
| =WIRP1+VORORT-SP13 | 1 | 2 | ILLUMINATED PUSHBUTTON 1NC/1NO, YELLOW | XB5AW35B5 | Schneider Electric | XB5AW35B5 |
| =WIRP2+COM2-S01 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP2+COM2-S02 | 1 | 12 | PUSHBUTTON, 1NC | XB5AA42 | Schneider Electric | XB5AA42 |
| =WIRP2+COM2-S02 | 1 | 4 | AUXILIARY CONTACT 1NO/NC | ZB5AZ105 | Schneider Electric | ZB5AZ105 |
| =WIRP2+COM2-S03 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |



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| Date | 14.02.06 |  | DP CANopen OPTIMIZED | LIST OF PARTS | Drawing number | = PART |
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| Check. | | | Created for | | 17 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|------------------------------|-------------|--------------------|----------------|
| =WIRP2+PLC2-K01 | 1 | 4 | Twido otb decentral i/o | OTB1C0DM9LP | Schneider Electric | OTB1C0DM9LP |
| =WIRP2+PSD2-F01 | 1 | 13 | Circuit breaker c601 1p 1a c | 25392 | Schneider Electric | 25392 |
| =WIRP2+PSD2-F02 | 1 | 13 | Circuit breaker c601 1p 1a c | 25392 | Schneider Electric | 25392 |
| =WIRP2+PSD2-F03 | 1 | 13 | Circuit breaker c601 1p 1a c | 25392 | Schneider Electric | 25392 |
| =WIRP2+VORORT-A01 | 1 | 6 | ASSEMBLY HOUSING | XALD03 | Schneider Electric | XALD03 |
| =WIRP2+VORORT-S11 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP2+VORORT-S12 | 1 | 12 | PUSHBUTTON, 1NC | XB5AA42 | Schneider Electric | XB5AA42 |
| =WIRP2+VORORT-S12 | 1 | 4 | AUXILIARY CONTACT 1NO/NC | ZB5AZ105 | Schneider Electric | ZB5AZ105 |
| =WIRP2+VORORT-S13 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP3+COM3-S01 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP3+COM3-S02 | 1 | 12 | PUSHBUTTON, 1NC | XB5AA42 | Schneider Electric | XB5AA42 |
| =WIRP3+COM3-S03 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP3+COM3-S04 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP3+COM3-S05 | 1 | 12 | PUSHBUTTON, 1NC | XB5AA42 | Schneider Electric | XB5AA42 |
| =WIRP3+COM3-S06 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP3+PLC3-K01 | 1 | 4 | Twido otb decentral i/o | OTB1C0DM9LP | Schneider Electric | OTB1C0DM9LP |
| =WIRP3+PSD3-F01 | 1 | 1 | CIRCUIT BREAKER C60H 1P 1A C | 25020 | Schneider Electric | 25020 |
| =WIRP3+PSD3-F02 | 1 | 13 | Circuit breaker c601 1p 1a c | 25392 | Schneider Electric | 25392 |
| =WIRP3+PSD3-F03 | 1 | 13 | Circuit breaker c601 1p 1a c | 25392 | Schneider Electric | 25392 |
| =WIRP3+VORORT-A01 | 1 | 6 | ASSEMBLY HOUSING | XALD03 | Schneider Electric | XALD03 |





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| User. | PVH | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 18 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 23 Bl. |


LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|---|-------------|--------------------|----------------|
| =WIRP3+VORORT-A02 | 1 | 6 | ASSEMBLY HOUSING | XALD03 | Schneider Electric | XALD03 |
| =WIRP3+VORORT-S11 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP3+VORORT-S12 | 1 | 12 | PUSHBUTTON, 1NC | XB5AA42 | Schneider Electric | XB5AA42 |
| =WIRP3+VORORT-S13 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP3+VORORT-S21 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP3+VORORT-S22 | 1 | 12 | PUSHBUTTON, 1NC | XB5AA42 | Schneider Electric | XB5AA42 |
| =WIRP3+VORORT-S23 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP4+COM4-S01 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP4+COM4-S02 | 1 | 12 | PUSHBUTTON, 1NC | XB5AA42 | Schneider Electric | XB5AA42 |
| =WIRP4+COM4-S03 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP4+COM4-S04 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP4+COM4-S05 | 1 | 12 | PUSHBUTTON, 1NC | XB5AA42 | Schneider Electric | XB5AA42 |
| =WIRP4+COM4-S06 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP4+MOV4-F01 | 1 | 2 | Tesys u starter-controller | LUCA05BL | Schneider Electric | LUCA05BL |
| =WIRP4+MOV4-F01 | 1 | 2 | Tesys u reversing 12a 24vdc | LU2B12BL | Schneider Electric | LU2B12BL |
| =WIRP4+MOV4-F01 | 1 | 2 | AUXILIARY CONTACT 1NO/NC (FAULT/DISPOSED) | LUA1C11 | Schneider Electric | LUA1C11 |
| =WIRP4+MOV4-F01 | 1 | 2 | Tesys u funktion module 1no/nc | LUFN11 | Schneider Electric | LUFN11 |
| =WIRP4+MOV4-F01 | 1 | 2 | Tesys u ground console 12a 400v | LUB12 | Schneider Electric | LUB12 |
| =WIRP4+MOV4-F02 | 1 | 2 | Tesys u starter-controller | LUCA05BL | Schneider Electric | LUCA05BL |
| =WIRP4+MOV4-F02 | 1 | 2 | Tesys u reversing 12a 24vdc | LU2B12BL | Schneider Electric | LU2B12BL |

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| User. | PVH | | | MP&A/AD&S | | 33003614 | + |
| Check. | | | | Created for | | 19 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|---|--------------|--------------------|----------------|
| =WIRP4+MOV4-F02 | 1 | 2 | AUXILIARY CONTACT 1NO/NC (FAULT/DISPOSED) | LUA1C11 | Schneider Electric | LUA1C11 |
| =WIRP4+MOV4-F02 | 1 | 2 | Tesys u funktion module 1no/nc | LUFN11 | Schneider Electric | LUFN11 |
| =WIRP4+MOV4-F02 | 1 | 2 | Tesys u ground console 12a 400v | LUB12 | Schneider Electric | LUB12 |
| =WIRP4+PLC4-K01 | 1 | 4 | Twido otb decentral i/o | OTB1C0DM9LP | Schneider Electric | OTB1C0DM9LP |
| =WIRP4+PLC4-K02 | 1 | 4 | Twido otb decentral i/o | OTB1C0DM9LP | Schneider Electric | OTB1C0DM9LP |
| =WIRP4+PSD4-B01 | 1 | 2 | THERMOSTAT 1NC 0-60°C | ENN17562 | Sarel GmbH | ENN17562 |
| =WIRP4+PSD4-E01 | 1 | 2 | FAN WITH FILTER 230V, 0,12A | ENN17901 | Sarel GmbH | ENN17901 |
| =WIRP4+PSD4-E01 | 1 | 2 | AIR FILTER | ENN17911 | Sarel GmbH | ENN17911 |
| =WIRP4+PSD4-F01 | 1 | 2 | Circuit breaker c60n 2p 2a c | 23747 | Schneider Electric | 23747 |
| =WIRP4+PSD4-F02 | 1 | 13 | Circuit breaker c60l 1p 1a c | 25392 | Schneider Electric | 25392 |
| =WIRP4+PSD4-F03 | 1 | 13 | Circuit breaker c60l 1p 1a c | 25392 | Schneider Electric | 25392 |
| =WIRP4+PSD4-F04 | 1 | 13 | Circuit breaker c60l 1p 1a c | 25392 | Schneider Electric | 25392 |
| =WIRP4+PSD4-F05 | 1 | 13 | Circuit breaker c60l 1p 1a c | 25392 | Schneider Electric | 25392 |
| =WIRP4+PSD4-F06 | 1 | 13 | Circuit breaker c60l 1p 1a c | 25392 | Schneider Electric | 25392 |
| =WIRP4+PSD4-F07 | 1 | 13 | Circuit breaker c60l 1p 1a c | 25392 | Schneider Electric | 25392 |
| =WIRP4+SAF4-K04 | 1 | 3 | EMERGENCY STOP RELAY | XPSAK311144P | Schneider Electric | XPSAK311144P |
| =WIRP4+SAF4-K05 | 1 | 8 | CONTACTOR | LC1D09BD | Schneider Electric | LC1D09BD |
| =WIRP4+SAF4-K06 | 1 | 8 | CONTACTOR | LC1D09BD | Schneider Electric | LC1D09BD |
| =WIRP4+SAF4-S01 | 1 | 2 | EMERGENCY STOP BUTTON ROTATION RELEASE | XB5AS844 | Schneider Electric | XB5AS844 |
| =WIRP4+SAF4-S01 | 1 | 2 | EMERGENCY STOP AUXILIARY CONTACTBLOCK 1NO+2NC | ZB5AZ141 | Schneider Electric | XB5AZ141 |





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| Check. | | | Created for | | 20 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|--------------------------------------|------------------|--------------------|---------------------|
| =WIRP4+SAF4-SP05 | 1 | 3 | ILLUMINATED PUSHBUTTON 1NC, BLUE | XB5AW36B5 | Schneider Electric | XB5AW36B5 |
| =WIRP4+VORORT-A01 | 1 | 6 | ASSEMBLY HOUSING | XALD03 | Schneider Electric | XALD03 |
| =WIRP4+VORORT-A02 | 1 | 6 | ASSEMBLY HOUSING | XALD03 | Schneider Electric | XALD03 |
| =WIRP4+VORORT-M01 | 1 | 6 | THREE PHASE AC MOTOR 220/380V/0,18KW | MOTOR_380/0,18KW | WEG | D1 MOTOR_380/0,18KW |
| =WIRP4+VORORT-M01 | 1 | 6 | BRASS-ADAPTOR PG 11-M20X1,5 | 52104493 | LAPP KABEL | 52104493 |
| =WIRP4+VORORT-M01 | 1 | 2 | SKINTOP ST-HF-M20 | 53111427 | LAPP KABEL | 53111427 |
| =WIRP4+VORORT-M02 | 1 | 6 | THREE PHASE AC MOTOR 220/380V/0,18KW | MOTOR_380/0,18KW | WEG | D1 MOTOR_380/0,18KW |
| =WIRP4+VORORT-M02 | 1 | 6 | BRASS-ADAPTOR PG 11-M20X1,5 | 52104493 | LAPP KABEL | 52104493 |
| =WIRP4+VORORT-M02 | 1 | 2 | SKINTOP ST-HF-M20 | 53111427 | LAPP KABEL | 53111427 |
| =WIRP4+VORORT-S11 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP4+VORORT-S12 | 1 | 12 | PUSHBUTTON, 1NC | XB5AA42 | Schneider Electric | XB5AA42 |
| =WIRP4+VORORT-S13 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP4+VORORT-S21 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP4+VORORT-S22 | 1 | 12 | PUSHBUTTON, 1NC | XB5AA42 | Schneider Electric | XB5AA42 |
| =WIRP4+VORORT-S23 | 1 | 20 | PUSHBUTTON, 1NO | XB5AA31 | Schneider Electric | XB5AA31 |
| =WIRP5+COM5-B01 | 1 | 5 | REFLECTOR LIGHT BARRIER | XUB1APANM12 | Schneider Electric | XUB1APANM12 |
| =WIRP5+COM5-B01 | 1 | 5 | REFLECTOR 50X50 | XUZC50 | Schneider Electric | XUZC50 |
| =WIRP5+COM5-B01 | 1 | 5 | BRACKET FOR | XUZA218 | Schneider Electric | XUZA218 |
| =WIRP5+COM5-B01 | 1 | 9 | EXTENSION CABLE FOR SENSOR | XZCP1264L2 | Schneider Electric | XZCP1264L2 |
| =WIRP5+COM5-B01 | 1 | 9 | PLUG FOR CONNECTION AT FTB | XZCC12FDM40B | Schneider Electric | XZCC12FDM40B |

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| Date | 14.02.06 |    |  | DP CANopen OPTIMIZED | LIST OF PARTS | Drawing number | = PART |
| User. | PVH | | | MP&A/AD&S | | 33003614 | + |
| Check. | | | | Created for | | 21 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|----------------------------|--------------|--------------------|----------------|
| =WIRP5+COM5-B02 | 1 | 5 | REFLECTOR LIGHT BARRIER | XUB1APANM12 | Schneider Electric | XUB1APANM12 |
| =WIRP5+COM5-B02 | 1 | 5 | REFLECTOR 50X50 | XUZC50 | Schneider Electric | XUZC50 |
| =WIRP5+COM5-B02 | 1 | 5 | BRACKET FOR | XUZA218 | Schneider Electric | XUZA218 |
| =WIRP5+COM5-B02 | 1 | 9 | EXTENSION CABLE FOR SENSOR | XZCP1264L2 | Schneider Electric | XZCP1264L2 |
| =WIRP5+COM5-B02 | 1 | 9 | PLUG FOR CONNECTION AT FTB | XZCC12FDM40B | Schneider Electric | XZCC12FDM40B |
| =WIRP5+COM5-B03 | 1 | 5 | REFLECTOR LIGHT BARRIER | XUB1APANM12 | Schneider Electric | XUB1APANM12 |
| =WIRP5+COM5-B03 | 1 | 5 | REFLECTOR 50X50 | XUZC50 | Schneider Electric | XUZC50 |
| =WIRP5+COM5-B03 | 1 | 5 | BRACKET FOR | XUZA218 | Schneider Electric | XUZA218 |
| =WIRP5+COM5-B03 | 1 | 9 | EXTENSION CABLE FOR SENSOR | XZCP1264L2 | Schneider Electric | XZCP1264L2 |
| =WIRP5+COM5-B03 | 1 | 9 | PLUG FOR CONNECTION AT FTB | XZCC12FDM40B | Schneider Electric | XZCC12FDM40B |
| =WIRP5+COM5-B04 | 1 | 4 | INITIATOR PNP | XS608B1PAM12 | Schneider Electric | XS608B1PAM12 |
| =WIRP5+COM5-B04 | 1 | 4 | CONNECTING FLANGE 8MM | XSZB108 | Schneider Electric | XSZB108 |
| =WIRP5+COM5-B04 | 1 | 9 | EXTENSION CABLE FOR SENSOR | XZCP1264L2 | Schneider Electric | XZCP1264L2 |
| =WIRP5+COM5-B04 | 1 | 9 | PLUG FOR CONNECTION AT FTB | XZCC12FDM40B | Schneider Electric | XZCC12FDM40B |
| =WIRP5+COM5-B05 | 1 | 4 | INITIATOR PNP | XS608B1PAM12 | Schneider Electric | XS608B1PAM12 |
| =WIRP5+COM5-B05 | 1 | 4 | CONNECTING FLANGE 8MM | XSZB108 | Schneider Electric | XSZB108 |
| =WIRP5+COM5-B05 | 1 | 9 | EXTENSION CABLE FOR SENSOR | XZCP1264L2 | Schneider Electric | XZCP1264L2 |
| =WIRP5+COM5-B05 | 1 | 9 | PLUG FOR CONNECTION AT FTB | XZCC12FDM40B | Schneider Electric | XZCC12FDM40B |
| =WIRP5+COM5-B06 | 1 | 4 | INITIATOR PNP | XS608B1PAM12 | Schneider Electric | XS608B1PAM12 |
| =WIRP5+COM5-B06 | 1 | 4 | CONNECTING FLANGE 8MM | XSZB108 | Schneider Electric | XSZB108 |

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| Date | 14.02.06 |   | DP CANopen OPTIMIZED | LIST OF PARTS | Drawing number | = PART |
| User. | PVH | | MP&A/AD&S | | 33003614 | + |
| Check. | | | Created for | | 22 | DCO |
| Change | Date | Name | Stand. | First. | Created by. | 23 Bl. |

LIST OF PARTS

| Component design. | St. /Pos. | Amount | Designation | Type number | Supplier | Article number |
|-------------------|-----------|--------|----------------------------|---------------|--------------------|----------------|
| =WIRP5+COM5-B06 | 1 | 9 | EXTENSION CABLE FOR SENSOR | XZCP1264L2 | Schneider Electric | XZCP1264L2 |
| =WIRP5+COM5-B06 | 1 | 9 | PLUG FOR CONNECTION AT FTB | XZCC12FDM40B | Schneider Electric | XZCC12FDM40B |
| =WIRP5+COM5-B07 | 1 | 4 | INITIATOR PNP | XS608B1PAM12 | Schneider Electric | XS608B1PAM12 |
| =WIRP5+COM5-B07 | 1 | 4 | CONNECTING FLANGE 8MM | XSZB108 | Schneider Electric | XSZB108 |
| =WIRP5+COM5-B07 | 1 | 9 | EXTENSION CABLE FOR SENSOR | XZCP1264L2 | Schneider Electric | XZCP1264L2 |
| =WIRP5+COM5-B07 | 1 | 9 | PLUG FOR CONNECTION AT FTB | XZCC12FDM40B | Schneider Electric | XZCC12FDM40B |
| =WIRP5+COM5-B08 | 1 | 5 | REFLECTOR LIGHT BARRIER | XUB1APANM12 | Schneider Electric | XUB1APANM12 |
| =WIRP5+COM5-B08 | 1 | 5 | REFLECTOR 50X50 | XUZC50 | Schneider Electric | XUZC50 |
| =WIRP5+COM5-B08 | 1 | 5 | BRACKET FOR | XUZA218 | Schneider Electric | XUZA218 |
| =WIRP5+COM5-B08 | 1 | 9 | EXTENSION CABLE FOR SENSOR | XZCP1264L2 | Schneider Electric | XZCP1264L2 |
| =WIRP5+COM5-B08 | 1 | 9 | PLUG FOR CONNECTION AT FTB | XZCC12FDM40B | Schneider Electric | XZCC12FDM40B |
| =WIRP5+COM5-B09 | 1 | 5 | REFLECTOR LIGHT BARRIER | XUB1APANM12 | Schneider Electric | XUB1APANM12 |
| =WIRP5+COM5-B09 | 1 | 5 | REFLECTOR 50X50 | XUZC50 | Schneider Electric | XUZC50 |
| =WIRP5+COM5-B09 | 1 | 5 | BRACKET FOR | XUZA218 | Schneider Electric | XUZA218 |
| =WIRP5+COM5-B09 | 1 | 9 | EXTENSION CABLE FOR SENSOR | XZCP1264L2 | Schneider Electric | XZCP1264L2 |
| =WIRP5+COM5-B09 | 1 | 9 | PLUG FOR CONNECTION AT FTB | XZCC12FDM40B | Schneider Electric | XZCC12FDM40B |
| =WIRP5+COM5-K101 | 1 | 4 | IP67 SPLITTER BOX | FTB1CN08E08SP | Schneider Electric | FTB1CN08E08SP |
| =WIRP5+COM5-K102 | 1 | 4 | IP67 SPLITTER BOX | FTB1CN08E08SP | Schneider Electric | FTB1CN08E08SP |
| =WIRP5+COM5-K103 | 1 | 4 | IP67 SPLITTER BOX | FTB1CN08E08SP | Schneider Electric | FTB1CN08E08SP |
| =WIRP5+COM5-K104 | 1 | 4 | IP67 SPLITTER BOX | FTB1CN08E08SP | Schneider Electric | FTB1CN08E08SP |

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| Change | Date | Name | Stand. | First. | Created for | | 23 Bl. |

Purchase-order list

| Ordering number | Amount ME | Designation | Type number Article number | Manufacturer Supplier | Notice | Pos. |
|------------------|--------------|--|---|--------------------------|--------|------|
| 23747 | 2 | Circuit breaker c60n 2p 2a c 2P 2A C | 23747 23747 | Schneider Electric | | 1 |
| 24045 | 1 | Circuit breaker c60h 1p 1a b 1A B 1pol. | 24045 24045 | Schneider Electric | | 2 |
| 24518 | 1 | CIRCUIT BREAKER C60H 2P 3A D 3A D 2pol. | 24518 24518 | Schneider Electric | | 3 |
| 25020 | 1 | CIRCUIT BREAKER C60H 1P 1A C 1A C 1pol. | 25020 25020 | Schneider Electric | | 4 |
| 25392 | 13 | Circuit breaker c60l 1p 1a c 1A C 1pol. | 25392 25392 | Schneider Electric | | 5 |
| 25393 | 1 | Circuit breaker c60l 1p 2a c 2A C 1pol. | 25393 25393 | Schneider Electric | | 6 |
| 25395 | 1 | Circuit breaker c60l 1p 4a c 4A C 1pol. | 25395 25395 | Schneider Electric | | 7 |
| 52104493 | 6 | BRASS-ADAPTOR PG 11-M20X1,5 Pg 11-m20x1,5 | 52104493 52104493 | LAPP KABEL | | 8 |
| 52104497 | 4 | BRASS-ADAPTOR PG 21-M20X1,5 Pg 21-m20x1,5 | 52104497 52104497 | LAPP KABEL | | 9 |
| 52106960 | 8 | METAL-SCREW JOINT/ EARTH M20/11/11/7 | 52106960 52106960 | LAPP KABEL | | 10 |
| 53111427 | 2 | SKINTOP ST-HF-M20 HALOGEN FREE | 53111427 53111427 | LAPP KABEL | | 11 |
| 5711016550 | 1 | DISCONNECT 9ZBMINAB TKE 48 24-48V AC/DC | 5711016550 5711016550 | Schneider Electric | | 12 |
| AB1RR235U2GR | 90 | TERMINAL SPRING-TYPE 2,5MM² GRAY | AB1RR235U2GR AB1RR235U2GR | Schneider Electric | | 13 |
| AB1RRTP235U2 | 8 | TERMINAL 4,0MM² YELLOW/GREEN SPRING-TYPE | AB1RRTP235U2 AB1RRTP235U2 | Schneider Electric | | 14 |
| AB1TP435U | 1 | TERMINAL 2,5MM² YELLOW/GREEN SPRING-TYPE 4,0MM² GR/YE | AB1TP435U AB1TP435U | Schneider Electric | | 15 |
| ABL7RP2410 | 1 | POWER SUPPLY UNIT 230/24VDC 24V DC 240W, 10A | ABL7RP2410 ABL7RP2410 | Schneider Electric | | 16 |
| ATV31H037N4 | 4 | VARIABLE SPEED DRIVES 0,37KW | ATV31H037N4 ATV31H037N4 | Schneider Electric | | 17 |
| MOTOR_380/0,18kW | 6 | THREE PHASE AC MOTOR 220/380V/0,18KW 0,47A | MOTOR_380/0,18KW D1 MOTOR_380/0,18KW | WEG | | 18 |
| ENN17901 | 2 | FAN WITH FILTER 230V, 0,12A IP 54, 49 BB | ENN17901 ENN17901 | Sarel GmbH | | 19 |
| ENN17911 | 2 | AIR FILTER FILTER SIZE 150X150 | ENN17911 ENN17911 | Sarel GmbH | | 20 |


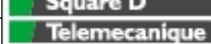


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Purchase-order list

| Ordering number | Amount ME | Designation | Type number Article number | Manufacturer Supplier | Notice | Pos. |
|-----------------|-----------|--|--------------------------------|-----------------------|--------|------|
| ENN21322 | 4 | WIRING DIAGRAM POCKET | ENN21322 ENN21322 | Sarel GmbH | | 21 |
| ENN83303 | 2 | SWITCH CABINET AND MOUNTING PLATE 300x300x200 | ENN83303 ENN83303 | Sarel GmbH | | 22 |
| ENN83329 | 1 | SWITCH CABINET AND MOUNTING PLATE 600x600x250 | ENN83329 ENN83329 | Sarel GmbH | | 23 |
| ENN83354 | 1 | SWITCH CABINET AND MOUNTING PLATE 1000x600x250 | ENN83354 ENN83354 | Sarel GmbH | | 24 |
| FTB1CN08E08SP | 4 | IP67 SPLITTER BOX 8I/80 DIAGNOSIS | FTB1CN08E08SP FTB1CN08E08SP | Schneider Electric | | 25 |
| GV2L07 | 4 | MAGNETIC CIRCUIT-BREAKER 2,5A 2,5A/0,75kW | GV2L07 GV2L07 | Schneider Electric | | 26 |
| LC1D09BD | 8 | CONTACTOR 24VDC | LC1D09BD LC1D09BD | Schneider Electric | | 27 |
| LU2B12BL | 2 | Tesys u reversing 12a 24vdc COMPACT MOTOR STARTER COMBINATION | LU2B12BL LU2B12BL | Schneider Electric | | 28 |
| LUA1C20 | 2 | AUXILIARY CONTACT 1NO/NC (FAULT/DISPOSED) COMPACT MOTOR STARTER COMBINATION | LUA1C11 LUA1C11 | Schneider Electric | | 29 |
| LUB12 | 2 | Tesys u ground console 12a 400v STARTER-CONTROLLER | LUB12 LUB12 | Schneider Electric | | 30 |
| LUCA05BL | 2 | Tesys u starter-controller 1,25-5A, 1,5kW | LUCA05BL LUCA05BL | Schneider Electric | | 31 |
| LUFN11 | 2 | Tesys u funktion module 1no/nc FU-MODUL | LUFN11 LUFN11 | Schneider Electric | | 32 |
| OTB1CODM9LP | 4 | Twido otb decentral i/o 12I/80 2xDC OUT CANopen | OTB1CODM9LP OTB1CODM9LP | Schneider Electric | | 33 |
| TWDDDI8DT | 2 | Twido interface module 24v 8 I | TWDDDI8DT TWDDDI8DT | Schneider Electric | | 34 |
| TWDLMDA20DRT | 1 | Twido plc modular-device m. 20e/a PLC | TWDLMDA20DRT TWDLMDA20DRT | Schneider Electric | | 35 |
| TWDNCO1M | 1 | Twido sps interface CANOPEN MASTER | TWDNCO1M TWDNCO1M | Schneider Electric | | 36 |
| VCDO | 1 | MAIN SWITCH 25A FLUSH MOUNTING MAIN SWITCH 25A 3PIN | VCDO VCDO | Schneider Electric | | 37 |
| VW3A31852 | 4 | MOUNTING PLATE ATV31 ALL ATV31 | VW3A31852 VW3A31852 | Schneider Electric | | 38 |
| VW3CANCARR1 | 4 | CANOPEN CONNECTING CABLE RJ45 1 m | VW3CANCARR1 VW3CANCARR1 | Schneider Electric | | 39 |
| VW3CANTAP2 | 2 | VW3CANTAP2 BRANCHING BOX CANOPEN | VW3CANTAP2 VW3CANTAP2 | Schneider Electric | | 40 |

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| User. | SEG | | | MP&A/AD&S | | 33003614 | + |
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Purchase-order list

| Ordering number | Amount ME | Designation | Type number Article number | Manufacturer Supplier | Notice | Pos. |
|-----------------|-----------|---|-------------------------------|--------------------------|--------|------|
| XBTG1100 | 1 | MAGELIS CONTROL TERMINAL LCD 3,8" STN | XBTG1100 XBTG1100 | Schneider Electric | | 41 |
| XBTZ968 | 1 | COMMUNICATIONS CABLE TO PREMIUM | XBTZ968 XBTZ968 | Schneider Electric | | 42 |
| XPSAK311144P | 3 | EMERGENCY STOP RELAY PREVENTA 24V | XPSAK311144P XPSAK311144P | Schneider Electric | | 43 |
| XSZTCR10 | 1 | EXTENSION CABLE RECEIVER LIGHT CURTAIN | XSZTCR10 XSZTCR10 | Schneider Electric | | 44 |
| XSZTCT10 | 1 | EXTENSION CABLE TRANSMITTER LIGHT CURTAIN | XSZTCT10 XSZTCT10 | Schneider Electric | | 45 |
| XUSLTR5A0350 | 1 | SAFETY LIGHT CURTAINS INFRARED | XUSLTR5A0350 XUSLTR5A0350 | Schneider Electric | | 46 |
| 09000005030 | 5 | CUT OUT SEAL | 09000005030 09000005030 | HARTING HARTING | | 47 |
| 09000005168 | 5 | Special cable gland, cord grip, Bend protection | 09000005168 09000005168 | HARTING HARTING | | 48 |
| 09150000101 | 22 | SCREW-IN HOUSING M 16 | 09150000101 09150000101 | HARTING HARTING | | 49 |
| 09150000401 | 22 | RACK UPPER PART | 09150000401 09150000401 | HARTING HARTING | | 50 |
| 09150005401 | 22 | COVER SCREW MOUNTING | 09150005401 09150005401 | HARTING HARTING | | 51 |
| 09150006102 | 176 | FEMALE CONTACTS 10A 10A CRIMP TERMINAL 1mm ² AG | 09150006102 09150006102 | HARTING HARTING | | 52 |
| 09150006202 | 176 | MALE CONTACTS 10A 10A CRIMP TERMINAL 1mm ² AG | 09150006202 09150006202 | HARTING HARTING | | 53 |
| 09150073001 | 22 | PIN INSERT (M) 10A CRIMP TERMINAL | 09150073001 09150073001 | HARTING HARTING | | 54 |
| 09150073101 | 22 | BUSH INSERT (F) 10A CRIMP TERMINAL | 09150073101 09150073101 | HARTING HARTING | | 55 |
| 09300060302 | 9 | BULKHEAD MOUNTED HOUSING Rear output | 09300060302 09300060302 | HARTING HARTING | | 56 |
| 09300061440 | 9 | HOUSING TOP 6 PIN/16A PG13,5 MM20 | 09300061440 09300061440 | HARTING HARTING | | 57 |
| 09330006102 | 6 | CRIMP CONTACTS MALE silver plated 2,5mm ² | 09330006102 09330006102 | HARTING HARTING | | 58 |
| 09330006104 | 48 | CRIMP CONTACTS MALE silver plated 1,5mm ² | 09330006104 09330006104 | HARTING HARTING | | 59 |
| 09330006202 | 6 | CRIMP CONTACTS FEMALE silver plated 2,5mm ² | 09330006202 09330006202 | HARTING HARTING | | 60 |

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Purchase-order list





| Ordering number | Amount ME | Designation | Type number Article number | Manufacturer Supplier | Notice | Pos. |
|-----------------|-----------|--|------------------------------------|--|--------|------|
| 09330006204 | 48 | CRIMP CONTACTS FEMALE silver plated 1,5mm² | 09330006204 09330006204 | HARTING HARTING | | 61 |
| 09330062602 | 9 | PIN INSERT 6 PIN/16A 16A CRIMP TERMINAL | 09330062602 09330062602 | HARTING HARTING | | 62 |
| 09330062702 | 9 | BUSH INSERT 6 PIN/16A 16A CRIMP TERMINAL | 09330062702 09330062702 | HARTING HARTING | | 63 |
| 1525652 | 2 | M12 PIN FOR CANOPEN HOUSING WALL MOUNTING | SACCEC-M12MS-5CON-M16/5 1525652 | PHOENIX PHOENIX | | 64 |
| 1525704 | 5 | M12 SOCKET FOR CANOPEN HOUSING WALL MOUNTING | SACCEC-M12FS-5CON-M16/5 1525704 | PHOENIX PHOENIX | | 65 |
| ENN17562 | 2 | THERMOSTAT 1NC 0-60°C 6A, 250V | ENN17562 ENN17562 | Sarel GmbH Sarel GmbH | | 66 |
| GVAE11 | 4 | AUXILIARY CONTACT 1NC+1NO FOR MSS GV2 | GVAE11 GVAE11 | Schneider Electric Schneider Electric | | 67 |
| XALD03 | 6 | ASSEMBLY HOUSING STYLE 5 EMPTY | XALD03 XALD03 | Schneider Electric Schneider Electric | | 68 |
| XB5AA31 | 20 | PUSHBUTTON, 1NO GREEN | XB5AA31 XB5AA31 | Schneider Electric Schneider Electric | | 69 |
| XB5AA42 | 12 | PUSHBUTTON, 1NC RED | XB5AA42 XB5AA42 | Schneider Electric Schneider Electric | | 70 |
| XB5AS844 | 2 | EMERGENCY STOP BUTTON ROTATION RELEASE Finessing safe 40mm | XB5AS844 XB5AS844 | Schneider Electric Schneider Electric | | 71 |
| XB5AVB1 | 1 | SIGNAL LAMP WHITE WHITE LED | XB5AVB1 XB5AVB1 | Schneider Electric Schneider Electric | | 72 |
| XB5AW33B5 | 2 | ILLUMINATED PUSHBUTTON 1NC/1NO, GREEN GREEN LED | XB5AW33B5 XB5AW33B5 | Schneider Electric Schneider Electric | | 73 |
| XB5AW35B5 | 2 | ILLUMINATED PUSHBUTTON 1NC/1NO, YELLOW YELLOW LED | XB5AW35B5 XB5AW35B5 | Schneider Electric Schneider Electric | | 74 |
| XB5AW36B5 | 3 | ILLUMINATED PUSHBUTTON 1NC, BLUE BLUE LED | XB5AW36B5 XB5AW36B5 | Schneider Electric Schneider Electric | | 75 |
| ZB5AZ141 | 2 | EMERGENCY STOP AUXILIARY CONTACTBLOCK 1NO+2NC | ZB5AZ141 XB5AZ141 | Schneider Electric Schneider Electric | | 76 |
| XS608B1PAM12 | 4 | INITIATOR PNP M8, INDUCTIVE, 3-WIRE | XS608B1PAM12 XS608B1PAM12 | Schneider Electric Schneider Electric | | 77 |
| XSZB108 | 4 | CONNECTING FLANGE 8MM FOR INI | XSZB108 XSZB108 | Schneider Electric Schneider Electric | | 78 |
| XUB1APANM12 | 5 | REFLECTOR LIGHT BARRIER NO, M18 | XUB1APANM12 XUB1APANM12 | Schneider Electric Schneider Electric | | 79 |
| XUZA218 | 5 | BRACKET FOR LIGHT BARRIER SENSOR | XUZA218 XUZA218 | Schneider Electric Schneider Electric | | 80 |

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Purchase-order list

| Ordering number | Amount ME | Designation | Type number Article number | Manufacturer Supplier | Notice | Pos. |
|-----------------|--------------|---|-------------------------------|--|--------|------|
| XUZC50 | 5 | REFLECTOR 50X50 | XUZC50 XUZC50 | Schneider Electric Schneider Electric | | 81 |
| XVBC02 | 1 | SIGNAL PILLAR PIPE ALU BLACK, LENGT: 100MM | XVBC02 XVBC02 | Schneider Electric Schneider Electric | | 82 |
| XVBC11 | 1 | CONNECTION ELEMENT HORIZONTAL | XVBC11 XVBC11 | Schneider Electric Schneider Electric | | 83 |
| XVBC21 | 1 | Connection element | XVBC21 XVBC21 | Schneider Electric Schneider Electric | | 84 |
| XVBC2B3 | 1 | SIGNAL ELEMENT GREEN WITH LED | XVBC2B3 XVBC2B3 | Schneider Electric Schneider Electric | | 85 |
| XVBC2B4 | 1 | SIGNAL ELEMENT RED WITH LED | XVBC2B4 XVBC2B4 | Schneider Electric Schneider Electric | | 86 |
| XVBC2B | 1 | SIGNAL ELEMENT BLUE WITH LED | XVBC2B6 XVBC2B6 | Schneider Electric Schneider Electric | | 87 |
| XVBC2B7 | 1 | LIGHT SIGNALLING WHITE WITH LED | XVBC2B7 XVBC2B7 | Schneider Electric Schneider Electric | | 88 |
| XZCC12FDM40B | 9 | PLUG FOR CONNECTION AT FTB | XZCC12FDM40B XZCC12FDM40B | Schneider Electric Schneider Electric | | 89 |
| XZCP1264L2 | 9 | EXTENSION CABLE FOR SENSOR 5m | XZCP1264L2 XZCP1264L2 | Schneider Electric Schneider Electric | | 90 |
| ZB5AZ105 | 4 | AUXILIARY CONTACT 1NO/NC PUSHBUTTON | ZB5AZ105 ZB5AZ105 | Schneider Electric Schneider Electric | | 91 |
| ZBZ33 | 2 | TAG HOLDER 30X50MM FOR LABELS 18X27 | ZBZ33 ZBZ33 | Schneider Electric Schneider Electric | | 92 |
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