SIEMENS

Data sheet

3RP2005-1AP30



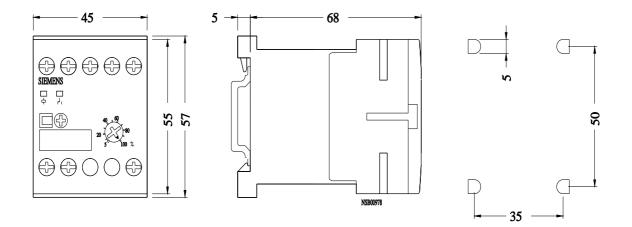
Timing relay, electronic Multifunction, 8 functions 1 change-over contact 24 V AC/DC, 200 to 240 V AC at 50/60 Hz AC 0.05 s to 100 h Overall width 45 mm screw terminal

37205-133 397205-133	
product brand name	SIRIUS
product designation	timing relay
design of the product	Multifunctional
product type designation	3RP20
General technical data	
product component	
relay output	Yes
semi-conductor output	No
product extension required remote control	No
product extension optional remote control	No
power loss [W] maximum	2 W
insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value	300 V
test voltage for isolation test	2 kV
degree of pollution	3
surge voltage resistance rated value	4 000 V
shock resistance according to IEC 60068-2-27	11g / 15 ms
vibration resistance according to IEC 60068-2-6	10 55 Hz / 0.35 mm
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
adjustable time	0.05 100 s
relative setting accuracy relating to full-scale value	5 %; +/-
thermal current	5 A
minimum ON period	35 ms
recovery time	150 ms
reference code according to IEC 81346-2	К
relative repeat accuracy	1 %; +/-
influence of the surrounding temperature	±5 %
power supply influence	±1 %
Substance Prohibitance (Date)	05/01/2012
Control circuit/ Control	
type of voltage of the control supply voltage	AC/DC
control supply voltage 1 at AC	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
control supply voltage 2 at AC	
• at 50 Hz	200 240 V
• at 60 Hz	200 240 V
control supply voltage frequency 1	50 60 Hz
control supply voltage 1	2444
at DC rated value	24 V

operating range factor control supply voltage rated value at DC	
initial value	0.85
full-scale value	1.1
operating range factor control supply voltage rated	
value at AC at 50 Hz	
 initial value 	0.85
• full-scale value	1.1
operating range factor control supply voltage rated value at AC at 60 Hz	
• initial value	0.85
• full-scale value	1.1
Switching Function	
switching function	Vec
ON-delay ON-delay	Yes No
 ON-delay/instantaneous contact passing make contact 	Yes
 passing make contact/instantaneous contact 	No
OFF delay	No
switching function	
 flashing symmetrically with interval start/instantaneous 	No
 flashing symmetrically with interval start 	Yes
 flashing symmetrically with pulse start/instantaneous 	No
 flashing symmetrically with pulse start 	No
flashing asymmetrically with interval start	No
 flashing asymmetrically with pulse start 	No
switching function	
 star-delta circuit with delay time 	No
star-delta circuit	No
switching function with control signal	N
 additive ON-delay passing break contact 	Yes
 passing break contact/instantaneous 	No
OFF delay	Yes
OFF delay/instantaneous	No
pulse delayed	No
pulse delayed/instantaneous	No
• pulse-shaping	Yes
 pulse-shaping/instantaneous 	No
 additive ON-delay/instantaneous 	No
 ON-delay/OFF-delay/instantaneous 	No
 passing make contact 	No
passing make contact/instantaneous contact	No
switching function of interval relay with control signal	
 retrotriggerable with deactivated control 	No
 retrotriggerable with deactivated control signal/instantaneous contact 	
 retrotriggerable with deactivated control 	No No
 retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal 	No
 retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal/instantaneous contact retriggerable with deactivated control signal 	No
 retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal/instantaneous contact retriggerable with deactivated control signal design of the control terminal non-floating 	No No
 retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal/instantaneous contact retriggerable with deactivated control signal design of the control terminal non-floating 	No No No Yes
 retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal/instantaneous contact retriggerable with deactivated control signal design of the control terminal non-floating Short-circuit protection design of the fuse link for short-circuit protection of the auxiliary switch required 	No No
 retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal/instantaneous contact retriggerable with deactivated control signal design of the control terminal non-floating Short-circuit protection design of the fuse link for short-circuit protection of the 	No No No Yes
 retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal/instantaneous contact retriggerable with deactivated control signal design of the control terminal non-floating Short-circuit protection design of the fuse link for short-circuit protection of the auxiliary switch required Auxiliary circuit material of switching contacts	No No Yes
 retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal instantaneous contact retriggerable with deactivated control signal design of the control terminal non-floating Short-circuit protection design of the fuse link for short-circuit protection of the auxiliary switch required Auxiliary circuit material of switching contacts number of NC contacts 	No No Yes fuse gL/gG: 4 A AgSnO2
 retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal retrotriggerable with deactivated control signal design of the control terminal non-floating Short-circuit protection design of the fuse link for short-circuit protection of the auxiliary switch required Auxiliary circuit material of switching contacts number of NC contacts delayed switching 	No No Yes fuse gL/gG: 4 A AgSnO2 0
 retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal/instantaneous contact retriggerable with deactivated control signal design of the control terminal non-floating Short-circuit protection design of the fuse link for short-circuit protection of the auxiliary switch required Auxiliary circuit material of switching contacts umber of NC contacts delayed switching instantaneous contact 	No No Yes fuse gL/gG: 4 A AgSnO2
 retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal/instantaneous contact retriggerable with deactivated control signal design of the control terminal non-floating Short-circuit protection design of the fuse link for short-circuit protection of the auxiliary switch required Auxiliary circuit material of switching contacts number of NC contacts instantaneous contact number of NO contacts 	No No Yes fuse gL/gG: 4 A AgSnO2 0
 retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal/instantaneous contact retriggerable with deactivated control signal design of the control terminal non-floating Short-circuit protection design of the fuse link for short-circuit protection of the auxiliary switch required Auxiliary circuit material of switching contacts number of NC contacts delayed switching instantaneous contact 	No No Yes fuse gL/gG: 4 A AgSnO2 0 0
 retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal/instantaneous contact retriggerable with deactivated control signal design of the control terminal non-floating Short-circuit protection design of the fuse link for short-circuit protection of the auxiliary switch required Auxiliary circuit material of switching contacts number of NC contacts instantaneous contact number of NO contacts 	No No Yes fuse gL/gG: 4 A AgSnO2 0

 delayed switching 	1
 instantaneous contact 	0
operational current of auxiliary contacts at AC-15	
• at 24 V	3 A
• at 250 V	3 A
operational current of auxiliary contacts at DC-13	
• at 24 V	1 A
• at 125 V	0.2 A
• at 250 V	0.1 A
operating frequency with 3RT2 contactor maximum contact reliability of auxiliary contacts	5 000 1/h
contact reliability of auxiliary contacts	one incorrect switching operation of 100 million switching operations (17 V, 5 mA)
contact rating of auxiliary contacts according to UL	R300 / B300
Inputs/ Outputs	
product function	
• non-volatile	No
Electromagnetic compatibility	
EMC emitted interference according to IEC 61812-1	EN 61000-6-4(3)
EMC immunity according to IEC 61812-1	EN 61000-6-2
conducted interference	
due to burst according to IEC 61000-4-4	2 kV network connection / 1 kV control connection
 due to conductor-earth surge according to IEC 	2 kV
61000-4-5	
due to conductor-conductor surge according to IEC	1 kV
61000-4-5	
field-based interference according to IEC 61000-4-3	10 V/m
electrostatic discharge according to IEC 61000-4-2	4 kV contact discharge / 8 kV air discharge
Safety related data	
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
type of insulation	Basic insulation
category according to EN 954-1	none
category according to EN 954-1 Connections/ Terminals	none
	No
Connections/ Terminals product component removable terminal for auxiliary and control circuit	No
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit	
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	No screw-type terminals
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid	No screw-type terminals 2x (0,51,5 mm²), 2x (0,75 2,5 mm²)
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²)
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14)
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²)
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14)
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid	No screw-type terminals 2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ²
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14)
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing	No screw-type terminals 2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ²
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross	No screw-type terminals 2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ²
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections solid finely stranded with core end processing at AWG cables solid at AWG cables stranded connectable conductor cross-section at AWG cables stranded connectable conductor cross-section solid at AWG cables stranded connectable conductor cross-section solid finely stranded with core end processing AWG number as coded connectable conductor cross section	No screw-type terminals 2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ² 0.5 2.5 mm ² 18 14
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ² 18 14 18 14 18 14 0.8 12 N·m
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections solid finely stranded with core end processing at AWG cables solid at AWG cables stranded connectable conductor cross-section at AWG cables stranded connectable conductor cross-section at AWG cables stranded connectable conductor cross-section	No screw-type terminals 2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ² 0.5 2.5 mm ² 18 14
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ² 18 14 18 14 18 14 0.8 12 N·m
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ² 0.5 2.5 mm ² 18 14 18 14 0.8 1.2 N·m M3
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ² 18 14 18 14 18 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ² 18 14 18 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 57 mm
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ² 18 14 18 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 57 mm 45 mm
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ² 18 14 18 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 57 mm
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ² 18 14 18 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 57 mm 45 mm
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ² 18 14 18 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 57 mm 45 mm
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ² 0.5 2.5 mm ² 18 14 18 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 57 mm 45 mm 73 mm
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards	No screw-type terminals 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (0,51,5 mm ²), 2x (0,75 2,5 mm ²) 2x (18 14) 2x (18 14) 0.5 2.5 mm ² 0.5 2.5 mm ² 18 14 18 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 57 mm 45 mm 73 mm 0 mm
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections solid finely stranded with core end processing at AWG cables solid at AWG cables stranded connectable conductor cross-section at AWG cables stranded connectable conductor cross-section solid at AWG cables stranded connectable conductor cross-section solid finely stranded with core end processing AWG number as coded connectable conductor cross section solid stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards backwards 	No screw-type terminals 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²) 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²) 2x (18 14) 2x (18 14) 0.5 2.5 mm² 0.5 2.5 mm² 18 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 57 mm 45 mm 73 mm 0 mm 0 mm
Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections solid finely stranded with core end processing at AWG cables solid at AWG cables stranded connectable conductor cross-section at AWG cables stranded connectable conductor cross-section solid at AWG cables stranded connectable conductor cross-section solid finely stranded with core end processing AWG number as coded connectable conductor cross section solid stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards upwards 	No screw-type terminals 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²) 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²) 2x (18 14) 0.5 2.5 mm² 0.5 2.5 mm² 18 14 0.8 1.2 mm² any screw and snap-on mounting onto 35 mm DIN rail 57 mm 45 mm 73 mm 0 mm 0 mm 0 mm

 for grounded pa forwards backwards upwards at the side downward for live parts forwards backwards downwards forwards downwards downwards at the side downwards at the side downwards at the side downwards at the side at the side Ambient conditions installation altitude at ambient temperature during operatio during storage during transport relative humidity during 	s s s height above sea level e n	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	mm mm mm mm mm mm mm mm mm mm 000 m 55 +60 °C 0 000 m 55 +85 °C 0 +85 °C 0 +85 °C				
Certificates/ approval General Product Ap		_		EMC	Declaration of Conformity		
<u>Confirmation</u>			EAC	RCM	CE EG-Konf.		
Declaration of Conformity	Test Certificates	Marine / Shippin	g				
UK CA	Type Test Certific- ates/Test Report	B UREAU VERITAS	Lloyd's Register urs	RINA	RMRS		
Marine / Shipping	other						
DNV-GL EM/SLEDBOR	<u>Confirmation</u>						
Further information Siemens has decided to exit the Russian market (see here).							
https://press.siemens Siemens is working Please contact your le products to an EAC re Information on the p https://support.industr Information- and Do https://www.siemens. Industry Mall (Online https://mall.industry.s Cax online generato http://support.automa Service&Support (M https://support.industr Image database (pro	.com/global/en/pressrei on the renewal of the ocal Siemens office on elevant market (other th packaging ry.siemens.com/cs/ww// wnloadcenter (Catalo com/ic10 e ordering system) iemens.com/mall/en/en or tion.siemens.com/WW// lanuals, Certificates, C ry.siemens.com/cs/ww// oduct images, 2D dimen. n.siemens.com/bilddb/c	lease/siemens-wind- current EAC certifi the status of validity han the sanctioned E en/view/109813875 gs, Brochures,) /Catalog/product?ml (CAXorder/default.as Characteristics, FAG en/ps/3RP2005-1AP ension drawings, 3	icates. of the EAC certification AEU member states Ru fb=3RP2005-1AP30 px?lang=en&mlfb=3RP Qs,) 30 D models, device circu	if you intend to import o ussia or Belarus). 2 <u>2005-1AP30</u> uit diagrams, EPLAN m			
3RP20051AP30		4/3	9/2023	Subject to	change without notice		



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