SIEMENS

Data sheet

3RW4026-1BB04



SIRIUS soft starter S0 25 A, 11 kW/400 V, 40 $^\circ\text{C}$ 200-480 V AC, 24 V AC/DC Screw terminals

General technical data		
product brand name		SIRIUS
product feature		
 integrated bypass contact system 		Yes
thyristors		Yes
product function		
 intrinsic device protection 		Yes
 motor overload protection 		Yes
 evaluation of thermistor motor protection 		No
 external reset 		Yes
 adjustable current limitation 		Yes
 inside-delta circuit 		No
product component motor brake output		No
insulation voltage rated value	V	600
degree of pollution		3, acc. to IEC 60947-4-2
reference code according to EN 61346-2		Q
reference code according to DIN 40719 extended		G
according to IEC 204-2 according to IEC 750		
Power Electronics		
product designation		Soft starter
operational current		
• at 40 °C rated value	A	25
• at 50 °C rated value	A	23
 at 60 °C rated value 	A	21
yielded mechanical performance for 3-phase motors		
• at 230 V		
 — at standard circuit at 40 °C rated value 	kW	5.5
• at 400 V		
 — at standard circuit at 40 °C rated value 	kW	11
yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V at standard circuit at 50 °C rated value	hp	5
operating frequency rated value	Hz	50 60
relative negative tolerance of the operating frequency	%	-10
relative positive tolerance of the operating frequency	%	10
operating voltage at standard circuit rated value	V	200 480
relative negative tolerance of the operating voltage at standard circuit	%	-15
relative positive tolerance of the operating voltage at standard circuit	%	10
minimum load [%]	%	20
adjustable motor current for motor overload protection minimum rated value	А	10

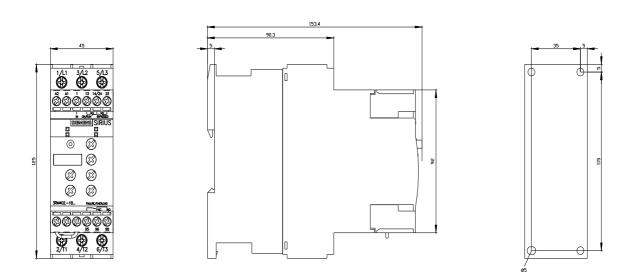
continuous operating current [% of le] at 40 °C power loss [W] at operational current at 40 °C during 115 8

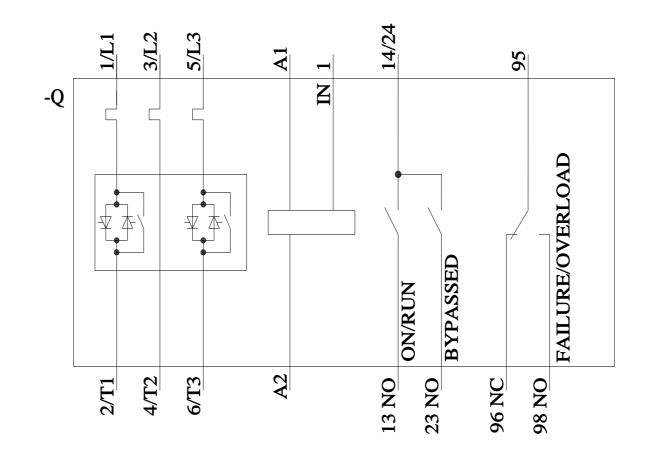
%

continuous operating current [% of le] at 40 °C	%	115
power loss [W] at operational current at 40 °C during	W	8
operation typical		
Control circuit/ Control		
type of voltage of the control supply voltage		AC/DC
control supply voltage frequency 1 rated value	Hz	50
	Hz	60
control supply voltage frequency 2 rated value		
relative negative tolerance of the control supply	%	-10
voltage frequency		
relative positive tolerance of the control supply	%	10
voltage frequency		
control supply voltage 1 at AC		
 at 50 Hz rated value 	V	24
 at 60 Hz rated value 	V	24
relative negative tolerance of the control supply	%	-15
voltage at AC at 50 Hz	, 0	
relative positive tolerance of the control supply	%	10
voltage at AC at 50 Hz	70	
relative negative tolerance of the control supply	%	-15
voltage at AC at 60 Hz	70	10
relative positive tolerance of the control supply	%	10
voltage at AC at 60 Hz	70	
control supply voltage 1 at DC rated value	V	24
relative negative tolerance of the control supply	%	-20
voltage at DC	/0	20
relative positive tolerance of the control supply	%	20
voltage at DC	70	20
display version for fault signal		red
	_	leu
Mechanical data		
size of engine control device		S0
width	mm	45
height	mm	125
depth	mm	155
fastening method		screw and snap-on mounting
mounting position		With additional fan: With vertical mounting surface +/-90°
		rotatable, with vertical mounting surface +/- 22.5° tiltable
		to the front and back Without additional fan: With vertical
		mounting surface +/-10° rotatable, with vertical mounting
		surface +/- 10° t
required spacing with side-by-side mounting		
 upwards 	mm	60
• at the side	mm	15
downwards	mm	40
wire length maximum	m	300
number of poles for main current circuit		3
Connections/ Terminals		
type of electrical connection		
type of electrical connection • for main current circuit		screw-type terminals
		screw-type terminals screw-type terminals
for main current circuit		
 for main current circuit for auxiliary and control circuit number of NC contacts for auxiliary contacts 		screw-type terminals 0
 for main current circuit for auxiliary and control circuit number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 		screw-type terminals 0 2
 for main current circuit for auxiliary and control circuit number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of CO contacts for auxiliary contacts 		screw-type terminals 0
 for main current circuit for auxiliary and control circuit number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of CO contacts for auxiliary contacts type of connectable conductor cross-sections for 		screw-type terminals 0 2
 for main current circuit for auxiliary and control circuit number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of CO contacts for auxiliary contacts type of connectable conductor cross-sections for main contacts for box terminal using the front 		screw-type terminals 0 2
• for main current circuit • for auxiliary and control circuit number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of CO contacts for auxiliary contacts type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point		screw-type terminals 0 2 1
 for main current circuit for auxiliary and control circuit number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of CO contacts for auxiliary contacts type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point solid 		screw-type terminals 0 2 1 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 1x 10 mm²
 for main current circuit for auxiliary and control circuit number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of CO contacts for auxiliary contacts type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point solid finely stranded with core end processing 		screw-type terminals 0 2 1
 for main current circuit for auxiliary and control circuit number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of CO contacts for auxiliary contacts type of connectable conductor cross-sections for main contacts for box terminal using the front clamping point solid finely stranded with core end processing type of connectable conductor cross-sections at AWG 		screw-type terminals 0 2 1 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 1x 10 mm²
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Ambient conditions installation altitude at height above sea level environmental category m 5 000 • during transport according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) • during storage according to IEC 60721 1K6 (only occasional condensation), 1C2 (no satisfies a final devices), 1M4 • during execution according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)	1
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• during storage according to IEC 60721 1K6 (only occasional condensation), 1C2 (no sal 1S2 (sand must not get inside the devices), 1M4	1
1S2 (sand must not get inside the devices), 1M4	1
during operation according to IEC 60721 3K6 (no formation of ice, no condensation), 3C3	o (no sait
ambient temperature mist), 3S2 (sand must not get into the devices), 3	3M6
• during operation °C -25 +60	
• during storage °C -40 +80	
derating temperature °C 40	
protection class IP on the front according to IEC IP20	
60529	
touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front	
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Visit Confirmation ate ates/Test Report Marine / Shipping other Railway Operation Confirmation U/CSA ratings Confirmation Visiteded mechanical performance [hp] for 3-phase AC motor hp 5 out at standard circuit at 50 °C rated value hp 5 out at standard circuit at 50 °C rated value hp 15 contact rating of auxiliary contacts according to UL B300 / R300 Further information Simens has decided to exit the Russian market (see here). B300 / R300 Further information Displayers a status of validity of the EAC certification if you intend to import or offer to supproducts to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus). Simulation Tool for Soft Starters (STS)	ply these
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