SIEMENS

Data sheet 3RW4076-6BB34



Figure similar

SIRIUS soft starter S12 385 A, 300 hp/460 V, 50 °C 200-460 V AC, 115 V AC Screw terminals !!! Phased-out product !!! Successor is SIRIUS 3RW5, Preferred successor type is >>3RW5076-6AB14<<

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 according to IEC 204-2 according to IEC 750		G
Power Electronics		
product designation		Soft starter
operational current		
• at 40 °C rated value	Α	432
• at 50 °C rated value	Α	385
at 60 °C rated value	Α	335
yielded mechanical performance for 3-phase motors		
• at 230 V		
 at standard circuit at 40 °C rated value 	kW	132
• at 400 V		
— at standard circuit at 40 °C rated value	kW	250
yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V at standard circuit at 50 °C rated value	hp	125
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	200 460
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 continuous operating current (% of leg at 40 °C power loss (W) at operational current at 40 °C during operation typical ype of voltage of the control supply voltage Control supply voltage frequency 1 rated value the control supply voltage frequency 2 rated value relative negative tolerance of the control supply voltage relative positive tolerance of the control supply voltage at 60 Hz rated value at 60 Hz rated value to 10 Hz rated value at 60 Hz rated value at 60 Hz rated value at 60 Hz rated value to 10 Hz rated value at 60 Hz rated value at 60 Hz rated value to 10 Hz rated value to 10 Hz rated value at 60 Hz rated value to 10 Hz rated value to 11 to 15		_	
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 finely stranded without core end processing stranded 120 185 mm² 120 240 mm² 			120 185 mm ²
• stranded 120 240 mm²			
type of connectable conductor cross-sections for main	• stranded		
contacts for box terminal using both clamping points	type of connectable conductor cross-sections for main contacts for box terminal using both clamping points		
• finely stranded with core end processing min. 2x 50 mm², max. 2x 185 mm²	 finely stranded with core end processing 		min. 2x 50 mm², max. 2x 185 mm²
• finely stranded without core end processing min. 2x 50 mm², max. 2x 185 mm²	 finely stranded without core end processing 		min. 2x 50 mm², max. 2x 185 mm²
• stranded max. 2x 70 mm², max. 2x 240 mm²	• stranded		max. 2x 70 mm², max. 2x 240 mm²
type of connectable conductor cross-sections for AWG cables for main contacts for box terminal			

 using the back clamping point 		250 500 kcmil
 using the front clamping point 		3/0 600 kcmil
 using both clamping points 		min. 2x 2/0, max. 2x 500 kcmil
type of connectable conductor cross-sections for DIN cable lug for main contacts		
• finely stranded		50 240 mm²
• stranded		70 240 mm²
type of connectable conductor cross-sections for auxiliary contacts		
• solid		2x (0.5 2.5 mm²)
 finely stranded with core end processing 		2x (0.5 1.5 mm²)
type of connectable conductor cross-sections for AWG cables		
• for main contacts		2/0 500 kcmil
 for auxiliary contacts 		2x (20 14)
 for auxiliary contacts finely stranded with core end processing 		2x (20 16)
Ambient conditions		
installation altitude at height above sea level	m	5 000
environmental category		
 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 salt mist), 1S2 (sand must not get inside the devices), 1M4
during operation according to IEC 60721		3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6
ambient temperature		
 during operation 	°C	-25 +60
during storage	°C	-40 +80
derating temperature	°C	40
protection class IP on the front according to IEC 60529		IP00; IP20 with cover
touch protection on the front according to IEC 60529		finger-safe, for vertical contact from the front with cover
Certificates/ approvals		
General Product Approval		EMC











Declaration of Conformity

Test Certificates

Marine / Shipping

other







hp	150
hp	300
	B300 / R300
	·







