SIEMENS

Data sheet

3RW4076-6BB44



SIRIUS soft starter S12 432 A, 250 kW/400 V, 40 °C 200-460 V AC, 230 V AC Screw terminals !!! Phased-out product !!! Successor is SIRIUS 3RW5, Preferred successor type is >>3RW5076-6AB14<<

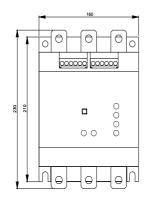
General technical data		
product brand name		SIRIUS
product feature		
 integrated bypass contact system 		Yes
• thyristors		Yes
product function		
intrinsic device protection		Yes
 motor overload protection 		Yes
 evaluation of thermistor motor protection 		No
external reset		Yes
 adjustable current 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		G
according to IEC 204-2 according to IEC 750		
Power Electronics		
product designation		Soft starter
operational current		
 at 40 °C rated value 	A	432
 at 50 °C rated value 	A	385
 at 60 °C rated value 	А	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	А	207

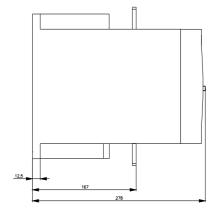
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	type of connectable conductor cross-sections at AWG		

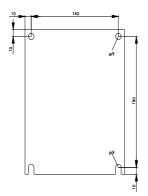
 cable lug for main of end of the stranded stranded stranded type of connectable auxiliary contacts solid finely stranded type of connectable cables for main contact for auxiliary contacts 	mping points conductor cross-sect contacts conductor cross-sect with core end processir conductor cross-sect cts	tions for ng tions at AWG		250 500 kc 3/0 600 kcr min. 2x 2/0, m 50 240 mm 70 240 mm 2x (0.5 2.5 2x (0.5 1.5 2/0 500 kcr 2x (20 14) 2x (20 16)	nil nax. 2x 500 kcmil ² 2 mm²) mm²)	
	at height above sea le	vel	m	5 000		
installation altitude at height above sea level environmental category • during transport according to IEC 60721 • during storage according to IEC 60721 • during operation according to IEC 60721 ambient temperature • during operation • during storage derating temperature protection class IP on the front according to IEC 60529		°C °C °C	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) 1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6 -25 +60 -40 +80 40 IP00; IP20 with cover			
touch protection or	the front according to	IEC 60529		finger-safe, fo	r vertical contact from	the front with cover
Certificates/ approva	ls					
General Product A	pproval					EMC
(SF)	<u>Confirmation</u>			(IL)	EAC	\bigotimes
CSA		ccc		UL		RCM
Declaration of Conformity	Test Certificates	ccc Marine / Ship	ping	UL	other	RCM
	Test Certificates Special Test Certific- ate	CCC Marine / Ship	ping		other Confirmation	RCM
Conformity	Special Test Certific-	CCC Marine / Ship Lloyds Register LIRS	ping			RCM
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Conformity Conformity UL/CSA ratings yielded mechanical motor	Special Test Certific-	Lloyds Kegister us	ping			RCM
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Conformity Conformity Conformity CEG-Konf. UL/CSA ratings yielded mechanical motor • at 220/230 V - at standar • at 460/480 V - at standar contact rating of au	Special Test Certific- ate performance [hp] for 3 rd circuit at 50 °C rated v	Jephase AC	hp	150		RCM
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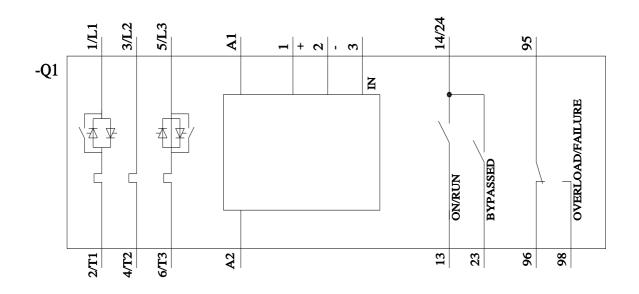
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