



VAC. CONTACTOR,
160KW/400V/AC-3 WITHOUT COIL AUXILIARY
CONTACTS 2NO+2NC 3-POLE,
SIZE S10 RAIL CONNECTIONS

General technical data:

product brand name		SIRIUS
Size of the contactor		S10
Protection class IP / on the front		IP00
Degree of pollution		3
Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature / during operating	°C	-25 ... +60
Mechanical operating cycles as operating time		
• of the contactor / typical		10,000,000
• of the contactor with added auxiliary switch block / typical		10,000,000
• of the contactor with added electronics-compatible auxiliary switch block / typical		5,000,000

Main circuit:

Number of NC contacts / for main contacts		0
Number of NO contacts / for main contacts		3
Operating current		
• at AC-1 / at 400 V		
• at 40 °C ambient temperature / rated value	A	330
• at AC-3 / at 400 V / rated value	A	300
• at AC-4 / at 400 V / rated value	A	280

Service power		
• at AC-2 / at 400 V / rated value	kW	171
• at AC-3 / at 400 V / rated value	kW	171
• at AC-4 / at 400 V / rated value	W	160,000

Control circuit:		
Voltage type / of control feed voltage		AC/DC

Auxiliary circuit:		
Number of NC contacts / for auxiliary contacts / instantaneous switching		2
Number of NO contacts / for auxiliary contacts / instantaneous switching		2

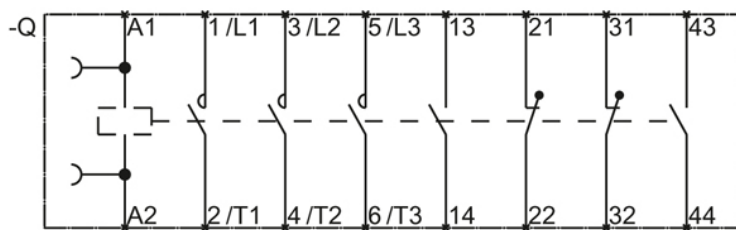
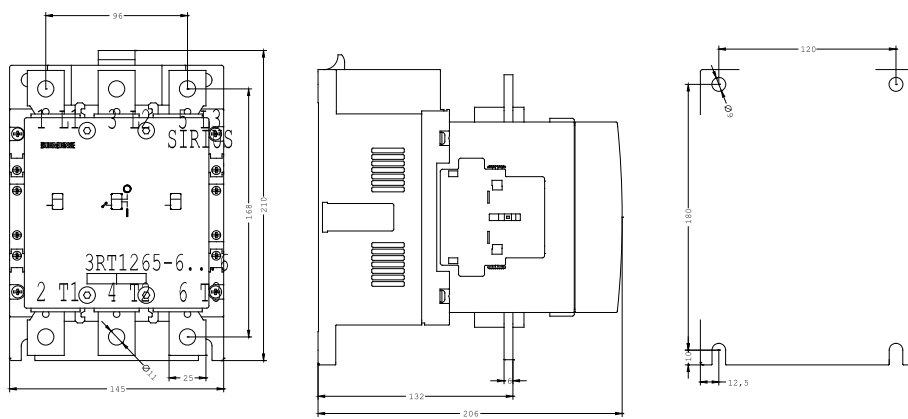
Short-circuit:		
Design of the fuse link		
• for short-circuit protection of the auxiliary switch / required		fuse gL/gG: 10 A
• for short-circuit protection of the main circuit		
• with type of assignment 1 / required		fuse gL/gG: 500 A
• at type of coordination 2 / required		fuse gL/gG: 500 A

Installation/mounting/dimensions:		
Mounting type		screw fixing
series installation		Yes
Width	mm	145
Height	mm	210
Depth	mm	206
Distance, to be maintained, to earthed part / sideways	mm	10

Connection type:		
Design of the electrical connection		
• for main current circuit		screw-type terminals
• for auxiliary and control current circuit		screw-type terminals
Type of the connectable conductor cross-section		
• for AWG conductors / for main contacts		2/0 ... 500 kcmil
• for auxiliary contacts		
• solid		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²), max. 2x (0.75 ... 4 mm ²)
• finely stranded		
• with conductor end processing		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
• for AWG conductors / for auxiliary contacts		2x (20 ... 16), 2x (18 ... 14), 1x 12

Certificates/approvals:		
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General Product Approval				Functional Safety / Safety of Machinery	Declaration of Conformity		
 CCC	 CSA		 UL	Type Examination	 EG-Konf.		
Test Certificates		Shipping Approval					
Special Test Certificate	 ABS	 GL	 RMRS				
other							
Confirmation	other	Environmental Confirmations					
Further information:							
Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs							
Industry Mall (Online ordering system) http://www.siemens.com/industrial-controls/mall							
Cax online generator: http://www.siemens.com/cax							
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RT1266-6LA06/all							
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RT1266-6LA06							



last change:

Aug 4, 2014