



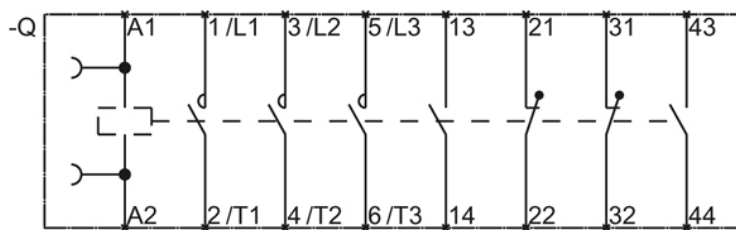
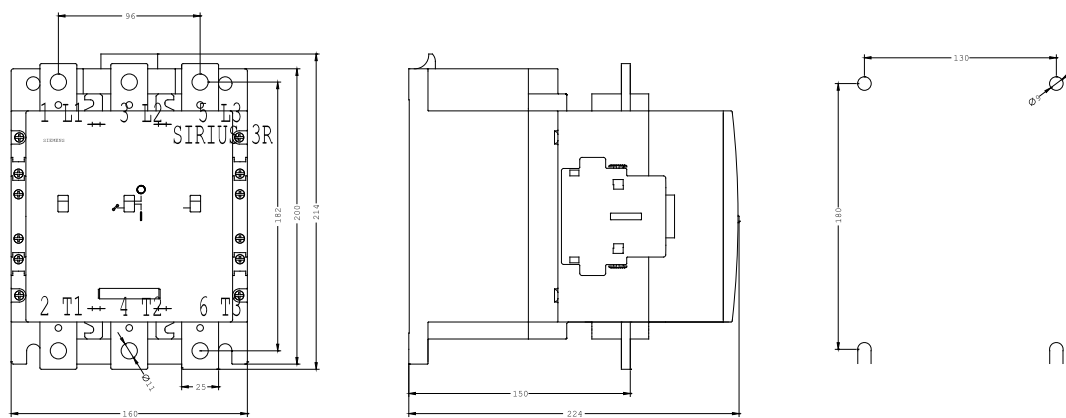
VAC. CONTACTOR,
250KW/400V/AC-3 WITHOUT COIL AUXILIARY
CONTACTS 2NO+2NC 3-POLE,
SIZE S12 RAIL CONNECTIONS

General technical data:		
product brand name		SIRIUS
Size of the contactor		S12
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	610
• at AC-3 / at 400 V / rated value	A	500
• at AC-4 / at 400 V / rated value	A	430

Service power		
• at AC-2 / at 400 V / rated value	kW	291
• at AC-3 / at 400 V / rated value	kW	291
• at AC-4 / at 400 V / rated value	W	250,000
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: 800 A
• at type of coordination 2 / required		fuse gL/gG: 800 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:		

General Product Approval				Functional Safety / Safety of Machinery	Declaration of Conformity
 CCC	 CSA	 EAC	 UL	Type Examination	 EG-Konf.
Test Certificates		Shipping Approval			
Special Test Certificate	Type Test Certificates/Test Report	 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/3RT1276-6LA06/all					
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RT1276-6LA06					



last change:

Jul 28, 2014