

Contactor assembly Star-delta (wye-delta) (pre-assembled) with lateral timing relay AC-3, 45 kW/400 V, 3-pole Size S2, S2, S2 Electrically interlocked Screw terminal 24 V DC !!! Phased-out product !!! Successor is SIRIUS 3RA2 Preferred successor type is >>3RA2436-8XF32-1NB3<<



Figure similar

product brand name	SIRIUS
Product designation	contactor assembly
Size of contactor	S2, S2, S2
Product function	wye-delta-contactor
Product extension Auxiliary switch	Yes
Insulation voltage with degree of pollution 3 at AC rated value	690 V
Degree of pollution	3
protection class IP on the front	IP20
Reference code acc. to DIN EN 81346-2	Q
Installation altitude at height above sea level maximum	2 000 m
Ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-55 ... +80 °C
• during transport	-55 ... +80 °C
Number of poles for main current circuit	3
Number of NC contacts for main contacts	0

Operating voltage at AC-3 rated value maximum	690 V
Operating current	
• at AC-3 at 400 V rated value	86 A
Operating power at AC-3	
• at 400 V rated value	45 kW
• at 500 V rated value	55 kW
• at 690 V rated value	63 kW
Type of voltage of the control supply voltage	DC
Control supply voltage 1	
• at DC rated value	24 V
Operating range factor control supply voltage rated value of magnet coil at DC	
• initial value	0.8
• Full-scale value	1.1
Operating range factor control supply voltage rated value of magnet coil at AC	
• at 50 Hz	0.8 ... 1.1
• at 60 Hz	0.85 ... 1.1
Design of the surge suppressor	without
Control version of the switch operating mechanism	conventional
Number of NC contacts for auxiliary contacts lagging switching	0
Number of NO contacts for auxiliary contacts	
• instantaneous contact	4
• leading contact	0
Design of the fuse link for short-circuit protection of the main circuit	
• with type of coordination 1 required	fuse gL/gG: 160 A
• with type of assignment 2 required	fuse gL/gG: 80 A
mounting position	with vertical mounting surface +/-180° rotatable, with vertical mounting surface +/- 30° tiltable to the front and back
Mounting type	screw fixing
Height	140 mm
Width	198 mm
Depth	184 mm
Required spacing	
• with side-by-side mounting at the side	0 mm
• for grounded parts at the side	0 mm
• for live parts	
— at the side	0 mm
Type of electrical connection for main current circuit	screw-type terminals

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA1436-8XC21-1BB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA1436-8XC21-1BB4>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1436-8XC21-1BB4>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

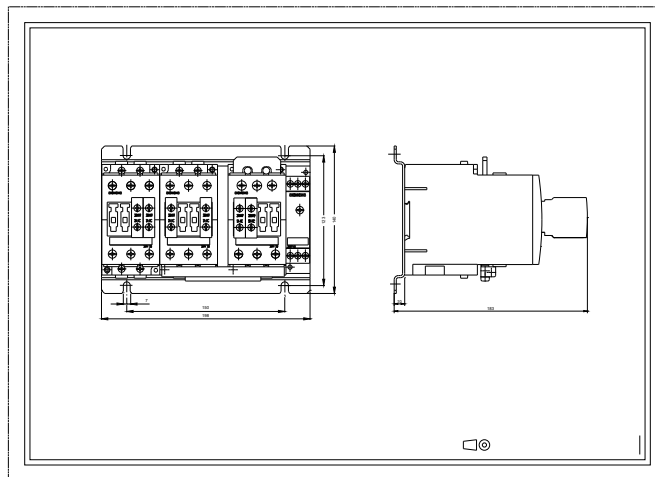
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA1436-8XC21-1BB4&lang=en

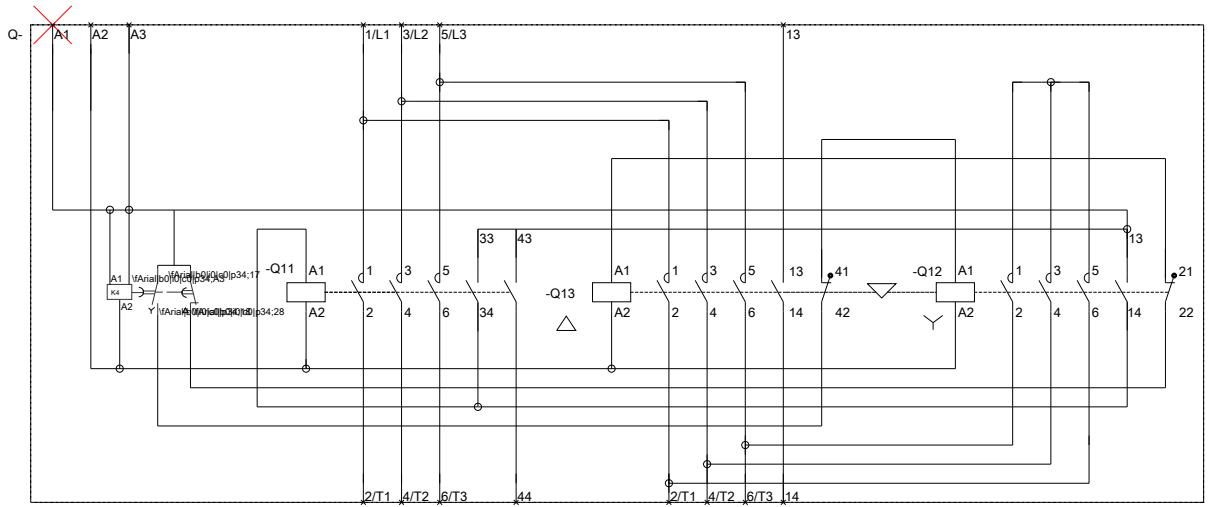
Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1436-8XC21-1BB4/char>

Further characteristics (e.g. electrical endurance, switching frequency)

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA1436-8XC21-1BB4&objecttype=14&gridview=view1>





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