

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 110 V AC, 50/60 Hz !!!  
 Phased-out product !!! Successor is SIRIUS 3RA2 Preferred successor type is >>3RA2436-8XF32-1AG2<<



Figure similar

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

Operating voltage at AC-3 rated value maximum	690 V
<b>Operating current</b>	
<ul style="list-style-type: none"> <li>at AC-3 at 400 V rated value</li> </ul>	86 A
Operating power at AC-3	
<ul style="list-style-type: none"> <li>at 400 V rated value</li> </ul>	45 kW
<ul style="list-style-type: none"> <li>at 500 V rated value</li> </ul>	55 kW
<ul style="list-style-type: none"> <li>at 690 V rated value</li> </ul>	63 kW
<b>Type of voltage of the control supply voltage</b>	AC
<b>Control supply voltage 1 at AC</b>	
<ul style="list-style-type: none"> <li>at 50 Hz rated value</li> </ul>	110 V
<ul style="list-style-type: none"> <li>at 60 Hz rated value</li> </ul>	110 V
<b>control supply voltage frequency</b>	
<ul style="list-style-type: none"> <li>1 rated value</li> </ul>	50 Hz
<ul style="list-style-type: none"> <li>2 rated value</li> </ul>	60 Hz
<b>Operating range factor control supply voltage rated value of magnet coil at DC</b>	
<ul style="list-style-type: none"> <li>initial value</li> </ul>	0.8
<ul style="list-style-type: none"> <li>Full-scale value</li> </ul>	1.1
<b>Operating range factor control supply voltage rated value of magnet coil at AC</b>	
<ul style="list-style-type: none"> <li>at 50 Hz</li> </ul>	0.8 ... 1.1
<ul style="list-style-type: none"> <li>at 60 Hz</li> </ul>	0.85 ... 1.1
<b>Design of the surge suppressor</b>	without
<b>Control version of the switch operating mechanism</b>	conventional
Number of NC contacts for auxiliary contacts lagging switching	0
Number of NO contacts for auxiliary contacts	
<ul style="list-style-type: none"> <li>instantaneous contact</li> </ul>	4
<ul style="list-style-type: none"> <li>leading contact</li> </ul>	0
Design of the fuse link for short-circuit protection of the main circuit	
<ul style="list-style-type: none"> <li>with type of coordination 1 required</li> </ul>	fuse gL/gG: 160 A
<ul style="list-style-type: none"> <li>with type of assignment 2 required</li> </ul>	fuse gL/gG: 80 A
<b>mounting position</b>	with vertical mounting surface +/-180° rotatable, with vertical mounting surface +/- 30° tiltable to the front and back
<b>Mounting type</b>	screw fixing
<b>Height</b>	140 mm
<b>Width</b>	198 mm
<b>Depth</b>	169 mm
<b>Required spacing</b>	
<ul style="list-style-type: none"> <li>with side-by-side mounting at the side</li> </ul>	0 mm
<ul style="list-style-type: none"> <li>for grounded parts at the side</li> </ul>	0 mm
<ul style="list-style-type: none"> <li>for live parts</li> </ul>	

— 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=3RA1436-8XC21-1AG2>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA1436-8XC21-1AG2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1436-8XC21-1AG2>

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

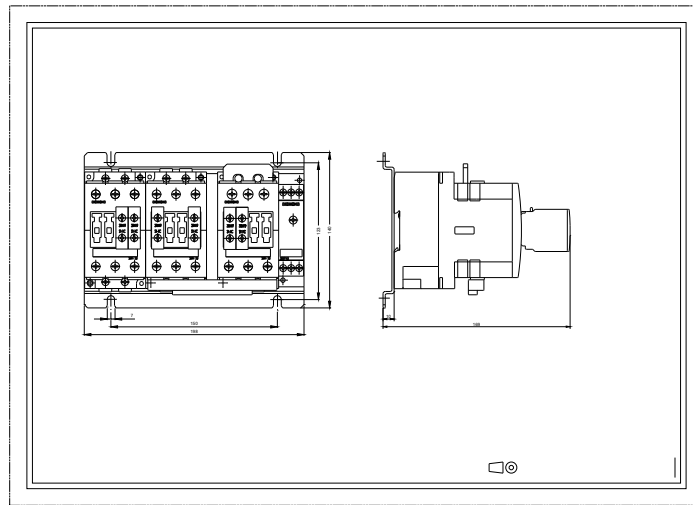
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RA1436-8XC21-1AG2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA1436-8XC21-1AG2&lang=en)

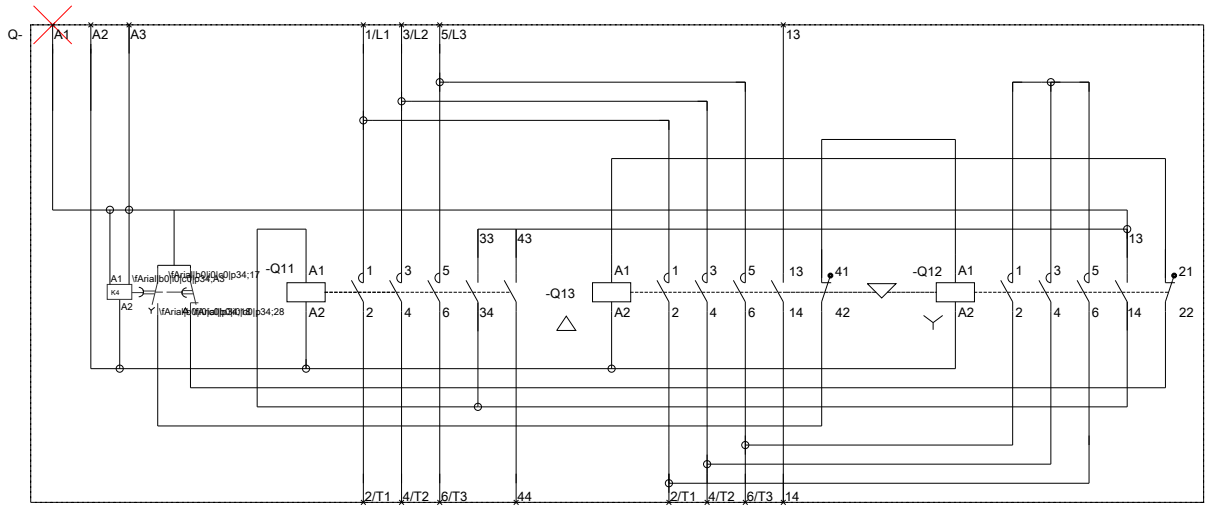
##### Characteristic: Tripping characteristics, $I^2t$ , Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1436-8XC21-1AG2/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA1436-8XC21-1AG2&objecttype=14&gridview=view1>





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