

Contactor assembly Star-delta (wye-delta) (pre-assembled) with lateral timing relay AC-3, 55 kW/400 V, 3-pole Size S3, S3, S2 Electrically interlocked Screw terminal 110 V AC, 50/60 Hz !!!
 Phased-out product !!! Successor is SIRIUS 3RA2 Preferred successor type is >>3RA2437-8XF32-1AG2<<



Figure similar

product brand name	SIRIUS
Product designation	contactor assembly
Size of contactor	S3, S3, 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	
<ul style="list-style-type: none"> at AC-3 at 400 V rated value 	115 A
Operating power at AC-3	
<ul style="list-style-type: none"> at 400 V rated value 	55 kW
<ul style="list-style-type: none"> at 500 V rated value 	81 kW
<ul style="list-style-type: none"> at 690 V rated value 	93 kW
Type of voltage of the control supply voltage	AC
Control supply voltage 1 at AC	
<ul style="list-style-type: none"> at 50 Hz rated value 	110 V
<ul style="list-style-type: none"> at 60 Hz rated value 	110 V
control supply voltage frequency	
<ul style="list-style-type: none"> 1 rated value 	50 Hz
<ul style="list-style-type: none"> 2 rated value 	60 Hz
Operating range factor control supply voltage rated value of magnet coil at DC	
<ul style="list-style-type: none"> initial value 	0.8
<ul style="list-style-type: none"> Full-scale value 	1.1
Operating range factor control supply voltage rated value of magnet coil at AC	
<ul style="list-style-type: none"> at 50 Hz 	0.8 ... 1.1
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> instantaneous contact 	4
<ul style="list-style-type: none"> leading contact 	0
Design of the fuse link for short-circuit protection of the main circuit	
<ul style="list-style-type: none"> with type of coordination 1 required 	fuse gL/gG: 250 A
<ul style="list-style-type: none"> with type of assignment 2 required 	fuse gL/gG: 125 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	180 mm
Width	218 mm
Depth	194 mm
Required spacing	
<ul style="list-style-type: none"> with side-by-side mounting at the side 	0 mm
<ul style="list-style-type: none"> for grounded parts at the side 	0 mm
<ul style="list-style-type: none"> 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=3RA1444-8XC21-1AG2>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA1444-8XC21-1AG2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1444-8XC21-1AG2>

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

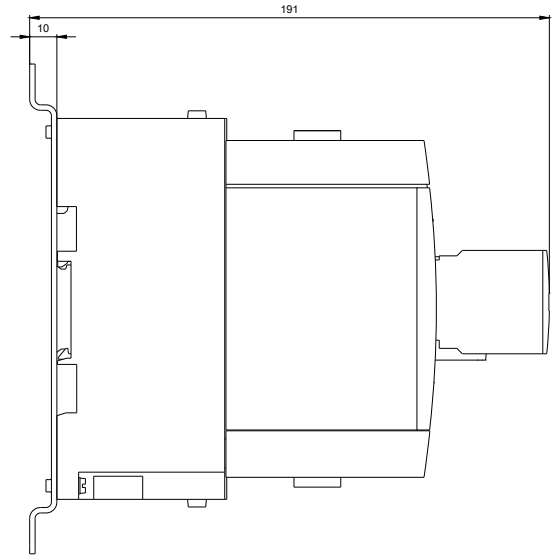
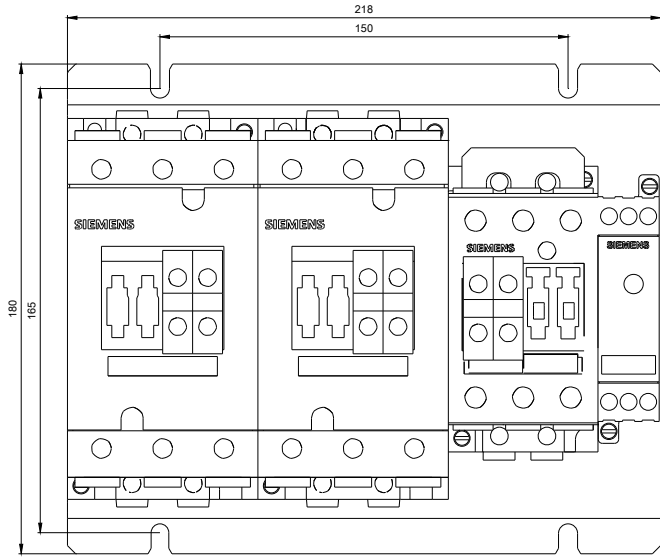
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA1444-8XC21-1AG2&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

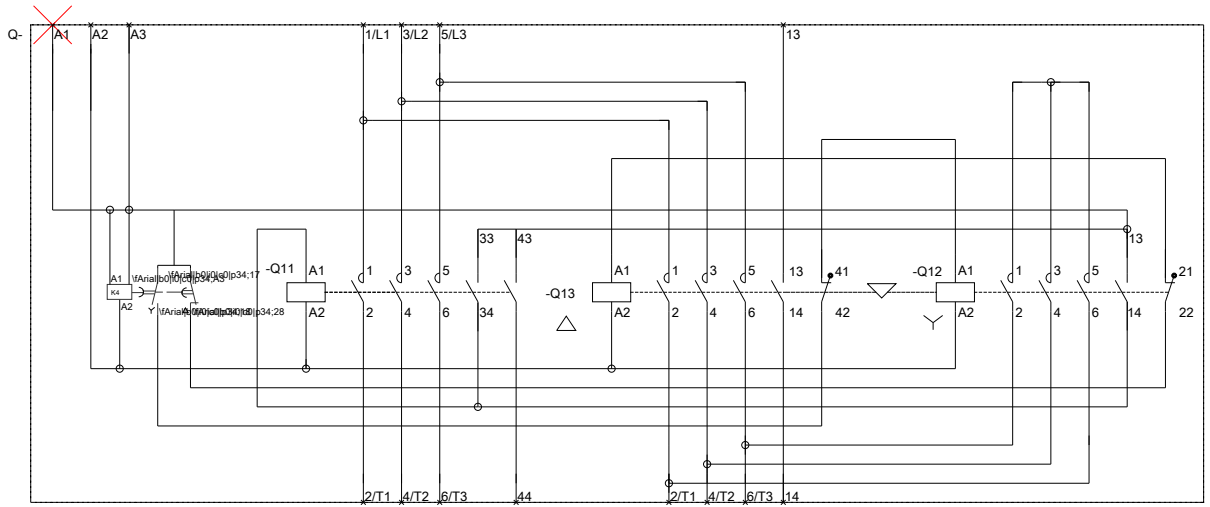
<https://support.industry.siemens.com/cs/ww/en/ps/3RA1444-8XC21-1AG2/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA1444-8XC21-1AG2&objecttype=14&gridview=view1>



3RA1445-8XC21-1AL2



last modified:

08/13/2020