

FUNCTION MODULE STAR-DELTA COMPRISING A BASIC MODULE AND 2 COUPLING MODULES WITH INTEGRATED CONNECTING CABLE; TIME RANGE 0.5...60S 24...240V AC/DC FOR 3RT2 S00-S2 CONTACTORS INTEGRATED VARISTOR FOR DAMPING CONTACTOR COILS



General technical data:		
product brand name		SIRIUS
Product designation		Function module for star-delta start
Size of contactor can be combined company-specific		S00, S0, S2
Protection class IP of the terminal		IP20
Degree of pollution		3
Installation altitude at height above sea level maximum	m	2 000
Ambient temperature		
• during storage	°C	-40 ... +85
• during operation	°C	-25 ... +60
• during transport	°C	-40 ... +85
Conducted interference due to burst acc. to IEC 61000-4-4		2 kV network connection / 1 kV control connection
Conducted interference due to conductor-earth surge acc. to IEC 61000-4-5		2 kV
Conducted interference due to conductor-conductor surge acc. to IEC 61000-4-5		1 kV
Electrostatic discharge acc. to IEC 61000-4-2		8 kV
Field-bound parasitic coupling acc. to IEC 61000-4-3		10 V/m

Surge voltage resistance rated value	kV	4
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		K
Equipment marking acc. to DIN EN 61346-2		K
Adjustable time	s	0.5 ... 60
Switching function		
• ON-delay		No
• passing make contact		No
• fixed clock cycle beginning with pulse		No
• fixed clock cycle beginning with interval		No
• OFF delay		No
• variably clocked start with impulse		No
• variably clocked start with interval		No
Switching function		
• with control signal		
— additive ON delay		No
— passing break contact		No
— OFF delay		No
— pulse-shaping		No
Product component semi-conductor output		No
Product expansion		
• optional remote control		No
• required remote control		No
Product function		
• star-delta circuit		Yes
• at the relay outputs Switchover delayed/without delay		No

Control circuit/ Control:

Design of the surge suppressor		with varistor
Type of voltage of the control supply voltage		AC/DC
Control supply voltage frequency 1	Hz	50 ... 60
Control supply voltage 1		
• at DC	V	24 ... 240
• at AC		
— at 50 Hz	V	24 ... 240
— at 60 Hz	V	24 ... 240

Installation/ mounting/ dimensions:




Mounting position		any (like contactor)
Mounting type		clip-on
Width	mm	45
Height	mm	38
Depth	mm	74

Required spacing with side-by-side mounting		
• upwards	mm	0
• downwards	mm	0
• forwards	mm	0
• Backwards	mm	0
• at the side	mm	0
Required spacing for grounded parts		
• upwards	mm	0
• downwards	mm	0
• forwards	mm	0
• Backwards	mm	0
• at the side	mm	0
Required spacing for live parts		
• upwards	mm	0
• downwards	mm	0
• forwards	mm	0
• Backwards	mm	0
• at the side	mm	0


Connections/ Terminals:

Product function removable terminal for auxiliary and control circuit		No
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Certificates/ approvals:

General Product Approval			Declaration of Conformity	Test Certificates	Shipping Approval
 CSA	 UL		 EG-Konf.	Typprüfbescheinigung/Werkszeugnis	 ABS

Shipping Approval					
 BUREAU VERITAS	 DNV	 GL	 LRS	 PRS	 RINA

Shipping Approval	other	Railway	
 RMRS	Umweltbestätigung	Bestätigungen	Schwingen/Schocke <u>n</u>

Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

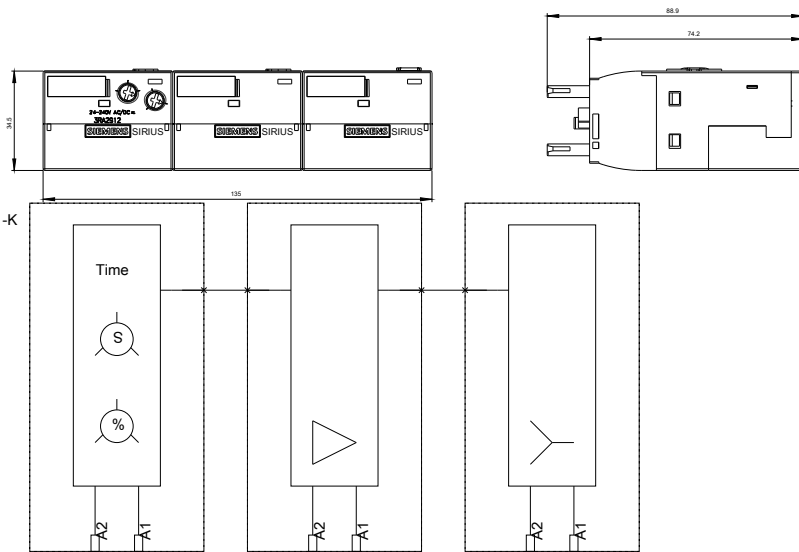
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RA28160EW20>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA28160EW20>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RA28160EW20&lang=en



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