

FUSELESS LOAD FEEDER REVERSING DUTY, 400V AC SIZE S00, 5.5...8A, 24V DC, 1NO+ 1NC CIRCUIT-BREAKER W. SLIDING ADAPTER CIRCUIT-BREAKER S0

General technical data:		
product brand name		SIRIUS
Product designation		non-fused load feeder
Design of the product		reversing starter
Size of load feeder		S0
Protection class IP on the front		IP20
Degree of pollution		3
Insulation voltage rated value	V	690
Installation altitude at height above sea level maximum	m	2 000
Ambient temperature		
• during storage	°C	-55 ... +80
• during transport	°C	70 ... -20
• during operation	°C	-20 ... +70
Shock resistance		12.5g
Surge voltage resistance rated value	kV	6
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		Q
Equipment marking acc. to DIN EN 61346-2		Q
Type of assignment		1
Mechanical service life (switching cycles) of contactor typical		10 000 000
Manufacturer's article number		
• of the supplied standard mounting rail adapter		<a href="#">3RA1922-1L</a>
• of the supplied circuit-breakers		<a href="#">3RV10 21-1HA15</a>
• of the supplied contactor		<a href="#">3RT10 16-1BB42</a>
• of the supplied link module		<a href="#">3RA19 11-1AA00</a>
• of the supplied RH assembly kit		<a href="#">3RA19 13-2A</a>
Design of the switching contact		electromechanical
Type of the motor protection		bimetal
Adjustable pick-up value current of the current-dependent overload release	A	5.5 ... 8
Communication/ Protocol:		
Product function Bus communication		No
Protocol is supported		

- AS-interface protocol
- PROFIBUS DP protocol
- PROFINET protocol

	No
	No
	No

#### Main circuit:

<b>Number of poles for main current circuit</b>		3
<b>Operating voltage at AC-3 rated value maximum</b>	V	690
<b>Operating current at AC-3 at 400 V rated value</b>	A	6.5
<b>Operating power at AC-3 at 400 V rated value</b>	kW	3
<b>No-load switching frequency</b>	1/s	15

#### Control circuit/ Control:

<b>Type of voltage of the control supply voltage</b>		DC
<b>Control supply voltage 1</b>		
<ul style="list-style-type: none"> <li>• at DC</li> <li>— rated value</li> </ul>	V	24

#### Auxiliary circuit:

<b>Product extension Auxiliary switch</b>		Yes
<b>Number of NC contacts for auxiliary contacts</b>		1
<b>Number of NO contacts for auxiliary contacts</b>		1
<b>Number of CO contacts for auxiliary contacts</b>		0

#### Inputs/ Outputs:

<b>Number of digital inputs</b>		0
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#### Short-circuit:

<b>Product function Short circuit protection</b>		Yes
<b>Design of short-circuit protection</b>		circuit-breakers
<b>Maximum short-circuit current breaking capacity (I<sub>cu</sub>) at 400 V rated value</b>	kA	50

#### Inputs/ Outputs:

<b>Mounting position</b>		horizontal
<b>Mounting type</b>		snap-on mounting
<b>Width</b>	mm	100
<b>Height</b>	mm	220
<b>Depth</b>	mm	125
<b>Required spacing</b>		
<ul style="list-style-type: none"> <li>• with side-by-side mounting at the side</li> <li>• for grounded parts <ul style="list-style-type: none"> <li>— forwards</li> <li>— Backwards</li> <li>— upwards</li> <li>— at the side</li> </ul> </li> <li>• for live parts</li> </ul>	mm	0
	mm	10
	mm	0
	mm	30
	mm	9

— forwards	mm	10
— Backwards	mm	9
— downwards	mm	0
— at the side	mm	30

#### Connections/ Terminals:

<b>Type of electrical connection for main current circuit</b>	screw-type terminals
<b>Type of connectable conductor cross-sections</b>	
<ul style="list-style-type: none"> <li>• for main contacts</li> <li>— solid</li> </ul>	1 ... 6 mm <sup>2</sup> , 2x (1 ... 2.5 mm <sup>2</sup> ), 2x (2.5 ... 6 mm <sup>2</sup> )
<b>Certificate of suitability</b>	UL / CSA / CCC / GL / LRS / BV / DNV / PRS

#### Certificates/ approvals:

General Product Approval	For use in hazardous locations	Declaration of Conformity	Shipping Approval
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IECEX



EG-Konf.



DNV



GL

Shipping Approval	other
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LRS



RINA



RMRS

[Umweltbestätigung](#)

[Bestätigungen](#)

#### 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=3RA1225-1HL16-0BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1225-1HL16-0BB4>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3RA1225-1HL16-0BB4&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RA1225-1HL16-0BB4&lang=en)

last modified:

10/07/2016