

FUSELESS LOAD FEEDER REVERSING DUTY, 400V
AC SIZE S00, 1.1...1.6A, 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		3RA1922-1L
• of the supplied circuit-breakers		3RV10 21-1AA15
• of the supplied contactor		3RT10 16-1BB42
• of the supplied link module		3RA19 11-1AA00
• of the supplied RH assembly kit		3RA19 13-2A
Design of the switching contact		electromechanical
Type of the motor protection		bimetal
Adjustable pick-up value current of the current-dependent overload release	A	1.1 ... 1.6
Communication/ Protocol:		
Product function Bus communication		No
Protocol is supported		

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

No
No
No

Main circuit:

Number of poles for main current circuit		3
Operating voltage at AC-3 rated value maximum	V	690
Operating current at AC-3 at 400 V rated value	A	1.5
Operating power at AC-3 at 400 V rated value	kW	0.55
No-load switching frequency	1/s	15

Control circuit/ Control:

Type of voltage of the control supply voltage		DC
Control supply voltage 1		
• at DC — rated value	V	24

Auxiliary circuit:

Product extension Auxiliary switch		Yes
Number of NC contacts for auxiliary contacts		1
Number of NO contacts for auxiliary contacts		1
Number of CO contacts for auxiliary contacts		0

Inputs/ Outputs:

Number of digital inputs		0
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Short-circuit:

Product function Short circuit protection		Yes
Design of short-circuit protection		circuit-breakers
Maximum short-circuit current breaking capacity (Icu) at 400 V rated value	kA	50

Inputs/ Outputs:

Mounting position		horizontal
Mounting type		snap-on mounting
Width	mm	100
Height	mm	220
Depth	mm	125
Required spacing		
• with side-by-side mounting at the side • for grounded parts — forwards — Backwards — upwards — at the side • for live parts	mm	0
	mm	10
	mm	0
	mm	30
	mm	9

- forwards
- Backwards
- downwards
- at the side

mm	10
mm	9
mm	0
mm	30

Connections/ Terminals:

Type of electrical connection for main current circuit	screw-type terminals
Type of connectable conductor cross-sections • for main contacts — solid	1 ... 6 mm ² , 2x (1 ... 2.5 mm ²), 2x (2.5 ... 6 mm ²)
Certificate of suitability	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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Shipping Approval	other
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[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&mlfb=3RA1225-1AL16-0BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1225-1AL16-0BB4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA1225-1AL16-0BB4&lang=en

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