

FUSELESS LOAD FEEDER DIRECT-ON-LINE STARTING, AC 400 V, SIZE S00 1NO+1NC (CIRCUIT-BREAKER) W. SLIDING ADAPTER

product brand name	SIRIUS
Product designation	non-fused load feeder
Design of the product	direct starter
Manufacturer's article number	
• of the supplied contactor • of the supplied circuit-breakers • of the supplied link module • of the supplied standard mounting rail adapter	3RT1016-1BB44 3RV1021-1EA15 3RA1921-1AA00 3RA1922-1L

General technical data

Size of load feeder	S0
Insulation voltage	
• rated value	690 V
Degree of pollution	3
Surge voltage resistance rated value	6 kV
Protection class IP	
• on the front	IP20
Shock resistance	12.5g
Mechanical service life (switching cycles)	
• of contactor typical	10 000 000
Type of assignment	1
Equipment marking	
• acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2	Q Q Q

Ambient conditions

Installation altitude at height above sea level maximum	2 000 m
Ambient temperature	
• during operation • during storage	-20 ... +70 °C -55 ... +80 °C

Main circuit

Number of poles for main current circuit	3
Design of the switching contact	electromechanical

Adjustable pick-up value current of the current-dependent overload release	2.8 ... 4 A
Type of the motor protection	bimetal
Operating voltage • at AC-3 rated value maximum	400 V
Operating current • at AC-3 — at 400 V rated value	3.6 A
Operating power • at AC-3 — at 400 V rated value	1.5 kW
No-load switching frequency	15 1/s

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

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

Protective and monitoring functions	
Maximum short-circuit current breaking capacity (Icu) • at 400 V rated value	50 kA

Short-circuit protection	
Product function • Short circuit protection	Yes
Design of short-circuit protection	circuit-breakers

Installation/ mounting/ dimensions	
Mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back
Mounting type	snap-on mounting
Height	205 mm
Width	45 mm
Depth	154 mm
Required spacing • with side-by-side mounting — at the side	0 mm

- for grounded parts
 - forwards 10 mm
 - Backwards 0 mm
 - upwards 30 mm
 - at the side 9 mm
- for live parts
 - forwards 10 mm
 - Backwards 9 mm
 - downwards 0 mm
 - at the side 30 mm

Connections/Terminals

Type of electrical connection

- for main current circuit screw-type terminals

Communication/ Protocol

Product function Bus communication

No

Protocol

- is supported PROFIBUS DP protocol
- is supported PROFINET protocol

No

No

Protocol is supported

- AS-interface protocol

No

Inputs/ Outputs

Number of digital inputs

0

Certificates/approvals

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

other



LRS



RINA



RMRS

[Umweltbestätigung](#)

[Bestätigungen](#)

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA1125-1EL16-4BB4>

Cax online generator

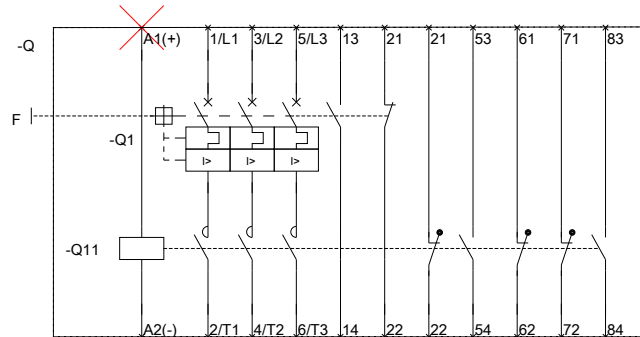
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA1125-1EL16-4BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1125-1EL16-4BB4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA1125-1EL16-4BB4&lang=en



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