

LOAD FEEDER FUSELESS DIRECT STARTING,AC 400V,SIZE S2
22...32 A, DC 24 V, ON ADAPTER FOR SCREW AND SNAP-ON
MOUNTING TYPE OF COORDIN. 2, IQ = 50 KA (ALSO
COMPATIBLE WITH TYPE OF COORDINATION 1)



Figure similar

product brandname	SIRIUS
Product designation	non-fused load feeder
Design of the product	direct starter
Manufacturer's article number	
• of the supplied contactor	3RT1034-1BB40
• of the supplied circuit-breakers	3RV1031-4EA10
• of the supplied link module	3RA1931-1BA00
• of the supplied standard mounting rail adapter	3RA1932-1AA00

General technical data	
Size of load feeder	S2
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	8g

Mechanical service life (switching cycles)	
• of contactor typical	10 000 000
Type of assignment	2
Equipment marking	
• acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	Q
• acc. to DIN EN 61346-2	Q
• acc. to DIN EN 81346-2	Q

Ambient conditions	
Installation altitude at height above sea level maximum	2 000 m
Ambient temperature	
• during operation	-20 ... +70 °C
• during storage	-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	22 ... 32 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	29 A
Operating power	
• at AC-3	
— at 400 V rated value	15 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	0
Number of NO contacts	
• for auxiliary contacts	0
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 fastening on 35 mm standard rail
Height	295 mm
Width	55 mm
Depth	173 mm
Required spacing	
- with side-by-side mounting — at the side - for grounded parts — forwards — Backwards — upwards — at the side - for live parts — forwards — Backwards — downwards — at the side	0 mm 10 mm 0 mm 50 mm 10 mm 10 mm 10 mm 0 mm 50 mm
Connections/Terminals	
Type of electrical connection	
for main current circuit	screw-type terminals
Type of connectable conductor cross-sections	
- for main contacts — solid — stranded — finely stranded with core end processing - at AWG conductors for main contacts	0.7 ... 35 mm², 2x (0.75 ... 25 mm²) 0.7 ... 35 mm², 2x (0.75 ... 25 mm²) 0.75 ... 25 mm², 2x (0.75 ... 16 mm²) 2x (30 ... 2)
Connectable conductor cross-section for main contacts	
- single or multi-stranded - finely stranded with core end processing	0.7 ... 35 mm² 0.75 ... 25 mm²

AWG number as coded connectable conductor cross section	
• for main contacts	30 ... 2

Communication/ Protocol	
Product function Bus communication	No
Protocol	
• is supported PROFIBUS DP protocol	No
• is supported PROFINET protocol	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		
 UL	 EAC	 ATEX	 IECEX	 EG-Konf.	 BUREAU VERITAS

Shipping Approval					other
 DNV	 GL	 LRS	 RINA	 RMRS	Umweltbestätigung

other
Bestätigungen

Further information

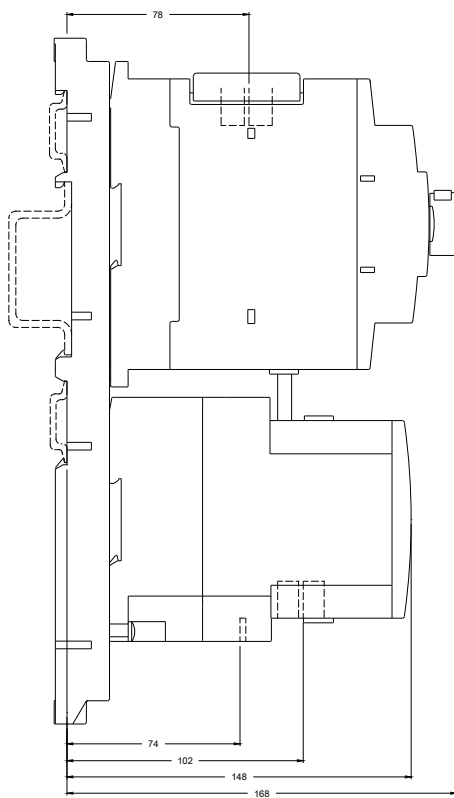
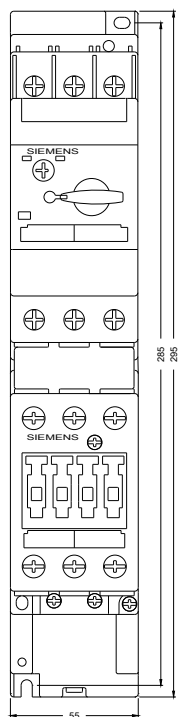
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
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