

LOAD FEEDER FUSELESS DIRECT STARTING,AC 400V,SIZE S2
40...50 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	3RT1036-1BB40
• of the supplied circuit-breakers	3RV1031-4HA10
• 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	40 ... 50 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	41 A
Operating power	
• at AC-3	
— at 400 V rated value	22 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	0 mm
• for grounded parts	
— forwards	10 mm
— Backwards	0 mm
— upwards	50 mm
— at the side	10 mm
• for live parts	
— forwards	10 mm
— Backwards	10 mm
— downwards	0 mm
— at the side	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	0.7 ... 35 mm², 2x (0.75 ... 25 mm²)
— stranded	0.7 ... 35 mm², 2x (0.75 ... 25 mm²)
— finely stranded with core end processing	0.75 ... 25 mm², 2x (0.75 ... 16 mm²)
• at AWG conductors for main contacts	2x (30 ... 2)
Connectable conductor cross-section for main contacts	
• single or multi-stranded	0.7 ... 35 mm²
• finely stranded with core end processing	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

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=3RA1130-4HB36-0BB4>

Cax online generator

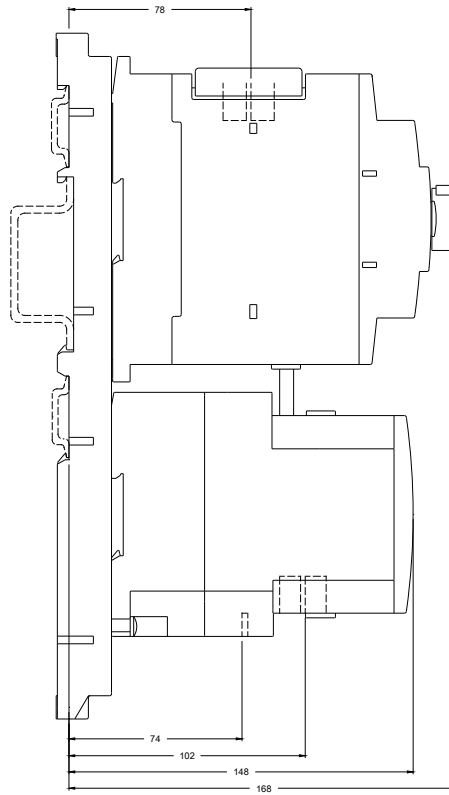
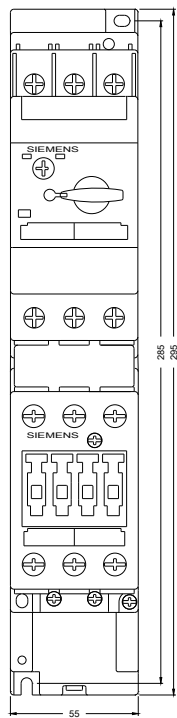
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA1130-4HB36-0BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1130-4HB36-0BB4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA1130-4HB36-0BB4&lang=en



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