

Reference: 3RA1110-1EA15-1AB0

LOAD FEEDER FUSELESS DIRECT STARTING, AC 400V, SIZES 00 2.8...4 A, AC 24 V, 50 HZ, 1NO (CONTACTOR), SCREW CONNECT. FOR MOUNTING ONTO STANDARD MOUNTING RAILS, TYPE OF COORDIN. 1, IQ = 50 KA

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product brand name	SIRIUS
Product designation	non-fused load feeder
Design of the product	direct starter
Manufacturer's article number	
of the supplied contactor	3RT1015-1AB01
of the supplied circuit-breakers	3RV1011-1EA10
of the supplied link module	3RA1911-1AA00
General technical data:	
Size of load feeder	S00
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	9.8g
Mechanical service life (switching cycles)	
of contactor typical	30 000 000
Type of assignment	1
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	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	AC
Control supply voltage 1 at AC	
at 50 Hz rated value	24 V
Control supply voltage frequency 1 rated value	50 Hz
Auxiliary circuit:	
Product extension Auxiliary switch	Yes
Number of NO contacts	
for auxiliary contacts	1
Protective and monitoring functions:	
Maximum short-circuit current breaking capacity (I _{cu})	
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	159 mm
Width	45 mm
Depth	75 mm
Required spacing	
with side-by-side mounting	
— at the side	0 mm
for grounded parts	
— forwards	10 mm
— Backwards	0 mm
— upwards	20 mm
— at the side	9 mm
for live parts	
— forwards	10 mm
— Backwards	9 mm
— downwards	0 mm
— at the side	20 mm
Connections/Terminals:	
Type of electrical connection	
for main current circuit	screw-type terminals
Type of connectable conductor cross-sections	
for main contacts	
— solid	0.5 ... 4 mm ² , 2x (0.75 ... 2.5 mm ²)
— stranded	0.5 ... 4 mm ² , 2x (0.75 ... 2.5 mm ²)
— finely stranded with core end processing	0.5 ... 2.5 mm ² , 2x (0.5 ... 2.5 mm ²)
at AWG conductors for main contacts	2x (18 ... 14)
Connectable conductor cross-section for main contacts	
single or multi-stranded	0.5 ... 4 mm ²
finely stranded with core end processing	0.5 ... 2.5 mm ²
AWG number as coded connectable conductor cross section	
for main contacts	18 ... 14
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