SIEMENS

Electric Automation
Automation specialists

Reference: 3RA1110-1DD15-1AP0

LOAD FEEDER FUSELESS DIRECT STARTING,AC 400V,SIZES00 2.2...3.2 A, AC 230 V, 50 HZ, 1NO(CONTACTOR), SCREW CONNECT. ON 60 MM BUSBAR ADAPTER TYPE OF COORDIN. 1, IQ = 50 KA

product brand name	SIRIUS
Product designation	non-fused load feeder
Design of the product	direct starter
Manufacturer's article number	
of the supplied contactor	3RT1015-1AP01
of the supplied circuit-breakers	3RV1011-1DA10
of the supplied busbar adapter	8US1251-5DM07
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	2.2 ... 3.2 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	2.7 A
Operating power	
at AC-3	
— at 400 V rated value	1.1 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	230 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 (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	for snapping onto 60 mm busbar systems
Height	203 mm
Witd>	45 mm
Depth	128 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 mm², 2x (0.75 ... 2.5 mm²)
— stranded	0.5 ... 4 mm², 2x (0.75 ... 2.5 mm²)
— finely stranded with core end processing	0.5 ... 2.5 mm², 2x (0.5 ... 2.5 mm²)
at AWG conductors for main contacts	2x (18 ... 14)
Connectable conductor cross-section for main contacts	
single or multi-stranded	0.5 ... 4 mm²
finely stranded with core end processing	0.5 ... 2.5 mm²
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