

Reference: 3RA1210-1KD17-0BB4

LOAD FEEDER FUSELESS REVERSING
DUTY, AC 400 V, SIZES00, 9...12 A, DC
24 V SCREW CONNECTION TYPE OF
COORDIN. 1, IQ = 50 KA ON 60 MM
BUSBAR ADAPTER

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General technical data:		
product brand name		SIRIUS
Product designation		non-fused load feeder
Design of the product		reversing starter
Size of load feeder		S00
Protection class IP on the front		IP20
Degree of pollution		3
Insulation voltage rated value	V	690
Installation altitude at height above sea level maximum	m	2 000
Ambient temperature		
during storage	°C	-55 ... +80
during transport	°C	70 ... -20
during operation	°C	-20 ... +70
Shock resistance		9.8g
Surge voltage resistance rated value	kV	6
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		Q
Equipment marking acc. to DIN EN 61346-2		Q
Type of assignment		1
Mechanical service life (switching cycles) of contactor typical		10 000 000

Manufacturer's article number		
of the supplied circuit-breakers		3RV10 11-1KA10
of the supplied contactor		3RT10 17-1BB42
of the supplied RS assembly kit		3RA19 13-1D
of the supplied link module		3RA19 11-1AA00
Design of the switching contact		electromechanical
Type of the motor protection		bimetal
Adjustable pick-up value current of the current-dependent overload release	A	9 ... 12
Communication/ Protocol:		
Product function Bus communication		No
Protocol is supported		
AS-interface protocol		No
PROFIBUS DP protocol		No
PROFINET protocol		No
Main circuit:		
Number of poles for main current circuit		3
Operating voltage at AC-3 rated value maximum	V	690
Operating current at AC-3 at 400 V rated value	A	11.5
Operating power at AC-3 at 400 V rated value	kW	5.5
No-load switching frequency	1/s	15
Control circuit/ Control:		
Type of voltage of the control supply voltage		DC
Control supply voltage 1		
at DC		
— rated value	V	24
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
Inputs/ Outputs:		
Number of digital inputs		0
Short-circuit:		
Product function Short circuit protection		Yes
Design of short-circuit protection		circuit-breakers
Maximum short-circuit current breaking capacity (Icu) at 400 V rated value	kA	50
Inputs/ Outputs:		

Mounting position	horizontal		
Mounting type	for snapping onto 60 mm busbar systems		
Witd>	mm	90	
Height	mm	203	
Depth	mm	128	
Busbar center-to-center spacing	mm	60	
Required spacing			
with side-by-side mounting at the side	mm	0	
for grounded parts			
— forwards	mm	10	
— Backwards	mm	0	
— upwards	mm	20	
— at the side	mm	9	
for live parts			
— forwards	mm	10	
— Backwards	mm	9	
— downwards	mm	0	
— at the side	mm	20	
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)		
Certificate of suitability	UL / CSA / CCC / GL / LRS / BV / DNV / PRS		
Certificates/ approvals:			
General Product Approval	For use in hazardous locations	Declaration of Conformity	Shipping Approval
Shipping Approval			other
			Umweltbestätigung
other			
Bestätigungen			