

Reference: 3RA1225-0GL16-4BB4

FUSELESS LOAD FEEDER REVERSING DUTY, 400V AC SIZE S00, 0.45...0.63A, 24V DC, 1NO+ 1NC CIRCUIT-BREAKER 2NO+2NC (CONTACTOR), SCREW W. SLIDING ADAPTER CIRCUIT-BREAKER S0

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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	S0
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	12.5g
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 standard mounting rail adapter	3RA1922-1L
of the supplied circuit-breakers	3RV10 21-0GA15
of the supplied contactor	3RT10 16-1BB42
of the supplied link module	3RA19 11-1AA00
of the supplied RH assembly kit	3RA19 13-2A

Design of the switching contact	electromechanical	
Type of the motor protection	bimetal	
Adjustable pick-up value current of the current-dependent overload release	A	0.45 ... 0.63
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	0.6
Operating power at AC-3 at 400 V rated value	kW	0.18
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	3	
Number of NO contacts for auxiliary contacts	3	
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 (I _{cu}) at 400 V rated value	kA	50
Inputs/ Outputs:		
Mounting position	horizontal	
Mounting type	snap-on mounting	
Witd>	mm	100
Height	mm	220
Depth	mm	125

Required spacing			
with side-by-side mounting at the side	mm 0		
for grounded parts			
— forwards	mm 10		
— Backwards	mm 0		
— upwards	mm 30		
— at the side	mm 9		
for live parts			
— forwards	mm 10		
— Backwards	mm 9		
— downwards	mm 0		
— at the side	mm 30		
Connections/ Terminals:			
Type of electrical connection for main current circuit	screw-type terminals		
Type of connectable conductor cross-sections			
for main contacts			
— solid	1 ... 6 mm ² , 2x (1 ... 2.5 mm ²), 2x (2.5 ... 6 mm ²)		
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	Bestätigungen