SIEMENS

Electric Automation
Automation specialists

Reference: 3RA1225-1AL16-0BB4

FUSELESS LOAD FEEDER REVERSING DUTY, 400V AC SIZE S00, 1.1...1.6A, 24V DC, 1NO+ 1NC CIRCUIT-BREAKER W. SLIDING ADAPTER CIRCUIT-BREAKER S0

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 21-1AA15
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	1.1 ... 1.6
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	1.5
Operating power at AC-3 at 400 V rated value	kW	0.55
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		1
Number of NO contacts for auxiliary contacts		1
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		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 mm², 2x (1 ... 2.5 mm²), 2x (2.5 ... 6 mm²)
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