

Reference: 3RA1210-1AD15-0AP0

LOAD FEEDER FUSELESS REVERSING  
DUTY, AC 400 V, SIZES00, 1.1...1.6 A, AC  
230V 50 HZ, SCREW CONNECTION, TYPE  
OF COORDIN. 2, IQ = 50 KA, ON 60 MM  
BUSBAR ADAPTER

Buy it at [Electric Automation Network](#)



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		2
Mechanical service life (switching cycles) of contactor typical		10 000 000

Manufacturer's article number		
of the supplied circuit-breakers		3RV10 11-1AA10
of the supplied contactor		3RT10 15-1AP02
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	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		AC
Control supply voltage frequency 1		
rated value	Hz	50
Control supply voltage 1		
at AC		
— at 50 Hz rated value	V	230
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 <sup>2</sup> , 2x (0.75 ... 2.5 mm <sup>2</sup> )		
— stranded		0.5 ... 4 mm <sup>2</sup> , 2x (0.75 ... 2.5 mm <sup>2</sup> )		
— finely stranded with core end processing		0.5 ... 2.5 mm <sup>2</sup> , 2x (0.5 ... 2.5 mm <sup>2</sup> )		
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				

