



Reference: 3RA1210-1HA15-0AP0

LOAD FEEDER FUSELESS REVERSING DUTY, AC 400 V, SIZES00, 5.5...8 A, AC 230V 50 HZ, SCREW CONNECTION TYPE OF COORDIN. 1, IQ = 50 KA

**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	7020		
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		

of the supplied circuit-breakers 3RV10 11-1HA10  of the supplied contactor 3RT10 15-1AP02  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  A 5.5 8  Communication/ Protocol:  Product function Bus communication No  PROFIBUS DP protocol No  RAS-interface protocol No  RROFIRET protocol No  ROFIRET protocol No  Operating value at AC-3 at 400 V rated value A 6.5  Operating power at AC-3 at 400 V rated value KW 3  No-load switching frequency 1/s 15  Control circuit/ Control:  Type of valuage of the control supply voltage AC  Control supply voltage frequency 1  at AC  — at 50 Hz rated value V 230  Auxiliary circuit:  Product extension Auxiliary switch Yes  Number of CO contacts for auxiliary contacts 0  Number of CO contacts for auxiliary contacts 1  Number of digital inputs 0  Operating circuit:  Product function Short circuit protection Yes  Product function Short circuit protection Circuit Freduct beaters 5  Control circuit:  Product function Short circuit protection circuit to beaters 5  Control circuit control c	Manufacturer's article number					
of the supplied link module  of the supplied RH assembly kit  Design of the switching contact  Design of the switching contact  Design of the switching contact  Type of the motor protection  Adjustable pick-up value current of the current-dependent overload release  Communication/ Protocol:  Product function Bus communication  Protocol is supported  AS-interface protocol  PROFIBUS DP protocol  PROFIBUS DP protocol  No  PROFINET 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  No-load switching frequency  1/s  15  Control circuit/ Control:  Type of voltage of the control supply voltage  AC  Control supply voltage 1  at AC  — at 50 Hz rated value  V  230  Auxillary circuit:  Product extension Auxiliary switch  Ves  Number of Oligital inputs  O  Number of digital inputs  O  Short-circuit:  Product function Short circuit protection  Yes	of the supplied circuit-breakers		3RV10 11-1HA10			
of the supplied RH assembly kit  Design of the switching contact  Design of the motor protection  Design of the switching contact  Design of the switching contact  Design of the switching contacts  Design of the switching contacts on the switching contacts  Design of the switching contacts on the switching contacts  Design of the switching contacts on the switching contacts  Design of the switching contacts on the switching contacts  Design of the switching contacts on the switching contacts  Design of the switching contacts on the switching contacts  Design of the switching contacts on the switching contacts  Design of the switching contacts on the switching contacts  Design of the switching contacts on the switching contacts  Design of the switching contacts on the switching contacts  Design of the switching contacts on the switching contacts  Design of the switching contacts on the switching contacts  Design of the switching contacts on the switching contacts  Design of the switching contacts on the switching contacts  Design of the switching contacts  Design of the current contacts on the switching contacts  Design of the switching contacts  Design of the current contacts on the switching contacts  Design of the swit	of the supplied contactor		3RT10 15-1AP02			
Design of the switching contact  Type of the motor protection  Adjustable pick-up value current of the current-dependent overload release  Communication/ Protocol:  Product function Bus communication  Protocol is supported  AS-interface protocol  PROFIBUS DP protocol  Mo  Main circuit:  Number of poles for main current circuit  Operating outrage at AC-3 rated value maximum  V 690  Operating power at AC-3 at 400 V rated value  AC  Control circuit/ Control:  Type of voltage of the control supply voltage  Control supply voltage 1  at AC  — at 50 Hz rated value  Auxiliary circuit:  Product extension Auxiliary switch  Number of NO contacts for auxiliary contacts  Number of digital inputs  Operating outputs:  Number of digital inputs  One of the control supply voltage of the control supply voltage  AC  One of the control supply voltage of the control supply voltage  AC  Ontrol supply voltage frequency 1  at AC  — at 50 Hz rated value  V 230  Auxiliary circuit:  Product extension Auxiliary switch  Number of NO contacts for auxiliary contacts  O  Number of OC contacts for auxiliary contacts  O  Number of digital inputs  O  Short-circuit:  Product function Short circuit protection  Yes	of the supplied link module		3RA19 11-1AA00			
Type of the motor protection bimetal  Adjustable pick-up value current of the current-dependent overload release  Communication/ Protocol:  Product function Bus communication No  Protocol is supported  AS-interface protocol No  PROFIBUS DP 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 kW 3  No-load switching frequency 1 1/s 15  Control circuit/ Control:  Type of voltage of the control supply voltage AC  Control supply voltage 1  at AC  — at 50 Hz rated value V 230  Auxiliary circuit:  Product extension Auxiliary switch Yes  Number of NO contacts for auxiliary contacts 0  Number of CO contacts for auxiliary contacts 0  Inputs/ Outputs:  Number of digital inputs  Odd Short-circuit:  Product function Short circuit protection Yes	of the supplied RH assembly kit		3RA19 13-2A			
Adjustable pick-up value current of the current- dependent overload release  Communication/ Protocol:  Product function Bus communication  Protocol is supported  AS-interface protocol  PROFIBUS DP protocol  PROFINET protocol  Mo  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 6.5  Operating power at AC-3 at 400 V rated value  kW 3  No-load switching frequency  1/s 15  Control circuit/ Control:  Type of voltage of the control supply voltage  Control supply voltage frequency 1  rated value  Hz 50  Control supply voltage frequency 1  rated value  V 230  Auxiliary circuit:  Product extension Auxiliary switch  Number of NC contacts for auxiliary contacts  0  Number of CO contacts for auxiliary contacts  0  Number of digital inputs  Product function Short circuit protection  Yes	Design of the switching contact		electromechanical			
dependent overload release  Communication/ Protocol:  Product function Bus communication  Protocol is supported  AS-interface protocol  PROFIBUS DP protocol  PROFINET protocol  Mo  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  AC-3 at 400 V rated value  KW  3  No-load switching frequency  1/s  15  Control circuit/ Control:  Type of voltage of the control supply voltage  Control supply voltage frequency 1  rated value  Hz  50  Control supply voltage frequency 1  at AC  — at 50 Hz rated value  V  230  Auxillary circuit:  Product extension Auxilliary switch  Number of NC contacts for auxilliary contacts  Number of NO contacts for auxilliary contacts  Number of QC contacts for auxilliary contacts  Number of QC contacts for auxilliary contacts  Number of digital inputs  O  Short-circuit:  Product function Short circuit protection  Yes  Product function Short circuit protection  Yes	Type of the motor protection		bimetal			
Product function Bus communication No Protocol is supported		А	5.5 8			
Protocol is supported  AS-interface protocol  AS-interface protocol  No  PROFIBUS DP 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  6.5  Operating power at AC-3 at 400 V rated value  kW  3  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  Number of NC 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	Communication/ Protocol:					
AS-interface protocol  PROFIBUS DP protocol  No  PROFINET protocol  Main circuit:  Number of poles for main current circuit  Operating voltage at AC-3 rated value maximum  V  690  Operating voltage at AC-3 at 400 V rated value  A  6.5  Operating power at AC-3 at 400 V rated value  RW  3  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  Number of NC 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	Product function Bus communication		No			
PROFIBUS DP protocol  PROFINET protocol  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 6.5 Operating power at AC-3 at 400 V rated value  kW 3 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  Number of NC contacts for auxiliary contacts  Number of NO contacts for auxiliary contacts  Number of CO contacts for auxiliary contacts  Number of GO contacts for auxiliary contacts  Number of digital inputs  Number of digital inputs  Number of digital inputs  Product function Short circuit protection  Yes	Protocol is supported					
PROFINET protocol  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 6.5 Operating power at AC-3 at 400 V rated value kW 3 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 Number of NC contacts for auxiliary contacts 0 Number of NO contacts for auxiliary contacts 0 Number of CO contacts for auxiliary contacts 0 Number of GO contacts for auxiliary contacts 0 Short-circuit: Product function Short circuit protection Yes	AS-interface protocol		No			
Main circuit:  Number of poles for main current circuit  Operating voltage at AC-3 rated value maximum  V 690  Operating current at AC-3 at 400 V rated value  A 6.5  Operating power at AC-3 at 400 V rated value  kW 3  No-load switching frequency  I/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  Number of NC contacts for auxiliary contacts  Number of CO contacts for auxiliary contacts  Number of CO contacts for auxiliary contacts  Number of GO contacts for auxiliary contacts  Number of digital inputs  Number of digital inputs  Number of digital inputs  Number of digital inputs  Product function Short circuit protection  Yes	PROFIBUS DP protocol		No			
Number of poles for main current circuit  Operating voltage at AC-3 rated value maximum  V 690  Operating current at AC-3 at 400 V rated value  A 6.5  Operating power at AC-3 at 400 V rated value  kW 3  No-load switching frequency  I/s 15  Control circuit/ Control:  Type of voltage of the control supply voltage  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  Number of NC contacts for auxiliary contacts  Number of CO contacts for auxiliary contacts  Inputs/ Outputs:  Number of digital inputs  O  Short-circuit:  Product function Short circuit protection  Yes	PROFINET protocol		No			
Operating voltage at AC-3 rated value maximum  Operating current at AC-3 at 400 V rated value  A 6.5  Operating power at AC-3 at 400 V rated value  kW 3  No-load switching frequency  I/s 15  Control circuit/ Control:  Type of voltage of the control supply voltage  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  Number of NC contacts for auxiliary contacts  Number of CO contacts for auxiliary contacts  Number of CO contacts for auxiliary contacts  Number of digital inputs  O  Short-circuit:  Product function Short circuit protection  Yes	Main circuit:					
Operating current at AC-3 at 400 V rated value	Number of poles for main current circuit		3			
Operating power at AC-3 at 400 V rated value kW 3  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 CO contacts for auxiliary contacts 0  Inputs/ Outputs:  Number of digital inputs 0  Short-circuit:  Product function Short circuit protection Yes	Operating voltage at AC-3 rated value maximum	V	690			
No-load switching frequency  I/s 15  Control circuit/ Control:  Type of voltage of the control supply voltage  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  Number of NC contacts for auxiliary contacts  Number of CO contacts for auxiliary contacts  Number of CO contacts for auxiliary contacts  Number of GO contacts for auxiliary contacts  Number of digital inputs  O  Short-circuit:  Product function Short circuit protection  Yes	Operating current at AC-3 at 400 V rated value	А	6.5			
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 CO contacts for auxiliary contacts 0  Inputs/ Outputs:  Number of digital inputs 0  Short-circuit:  Product function Short circuit protection Yes	Operating power at AC-3 at 400 V rated value	kW	3			
Type of voltage of the control supply voltage  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  Number of CO contacts for auxiliary contacts  Number of CO contacts for auxiliary contacts  0  Number of GO contacts for auxiliary contacts  0  Inputs/ Outputs:  Number of digital inputs  0  Short-circuit:  Product function Short circuit protection  Yes	No-load switching frequency	1/s	15			
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 CO contacts for auxiliary contacts 0  Inputs/ Outputs:  Number of digital inputs 0  Short-circuit:  Product function Short circuit protection Yes	Control circuit/ Control:					
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	Type of voltage of the control supply voltage		AC			
Control supply voltage 1  at AC  — at 50 Hz rated value  V 230  Auxiliary circuit:  Product extension Auxiliary switch  Number of NC contacts for auxiliary contacts  Number of NO contacts for auxiliary contacts  Number of CO contacts for auxiliary contacts  O  Number of CO contacts for auxiliary contacts  O  Inputs/ Outputs:  Number of digital inputs  O  Short-circuit:  Product function Short circuit protection  Yes	Control supply voltage frequency 1					
at AC  — at 50 Hz rated value  Auxiliary circuit:  Product extension Auxiliary switch  Number of NC contacts for auxiliary contacts  Number of NO contacts for auxiliary contacts  Number of CO contacts for auxiliary contacts  Inputs/ Outputs:  Number of digital inputs  Short-circuit:  Product function Short circuit protection  V 230  230  240  250  260  270  280  280  280  280  280  280  28	rated value	Hz	50			
— 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	Control supply voltage 1					
Auxiliary circuit:  Product extension Auxiliary switch  Number of NC contacts for auxiliary contacts  Number of NO contacts for auxiliary contacts  Number of CO contacts for auxiliary contacts  Inputs/ Outputs:  Number of digital inputs  O  Short-circuit:  Product function Short circuit protection  Yes	at AC					
Product extension Auxiliary switch  Number of NC contacts for auxiliary contacts  Number of NO contacts for auxiliary contacts  Number of CO contacts for auxiliary contacts  Inputs/ Outputs:  Number of digital inputs  O  Short-circuit:  Product function Short circuit protection  Yes	— at 50 Hz rated value	V	230			
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:       0         Number of digital inputs       0         Short-circuit:       Yes	Auxiliary circuit:					
Number of NO contacts for auxiliary contacts       0         Number of CO contacts for auxiliary contacts       0         Inputs/ Outputs:       0         Number of digital inputs       0         Short-circuit:       Yes	Product extension Auxiliary switch		Yes			
Number of CO contacts for auxiliary contacts  Inputs/ Outputs:  Number of digital inputs  O  Short-circuit:  Product function Short circuit protection  O  Yes	Number of NC contacts for auxiliary contacts		0			
Inputs/ Outputs:  Number of digital inputs  O  Short-circuit:  Product function Short circuit protection  Yes	Number of NO contacts for auxiliary contacts		0			
Number of digital inputs 0  Short-circuit:  Product function Short circuit protection Yes	Number of CO contacts for auxiliary contacts		0			
Short-circuit:  Product function Short circuit protection  Yes	Inputs/ Outputs:					
Product function Short circuit protection Yes	Number of digital inputs		0			
	Short-circuit:					
Design of short-circuit protection circuit-breakers	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		horizon	tal		
Mounting type		snap-oı	n fastening on 3	5 mm standard rail	
Witd>	mm	90			
Height	mm	159			
Depth	mm	75			
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-t	ype 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)				
Certificate of suitability	UL / CSA / CCC / GL / LRS / BV / DNV / PRS				
Certificates/ approvals:					
General Product Approval		ise in rdous iions	Declaration of Conformity	Shipping Approval	
Shipping Approval				other	
				Umweltbestätigung	
other					
Bestätigungen					