

Reference: 3RA1110-0GA15-1AB0

LOAD FEEDER FUSELESS DIRECT STARTING, AC 400V, SIZES00 0.45...0.63 A, AC 24 V, 50 HZ, 1NO(CONTACTOR), SCREW CONNECT. FOR MOUNTING ONTO STANDARD MOUNTING RAILS, TYPE OF COORDIN. 2, IQ = 50 KA

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product brand name	SIRIUS
Product designation	non-fused load feeder
Design of the product	direct starter
Manufacturer's article number	
of the supplied contactor	3RT1015-1AB01
of the supplied circuit-breakers	3RV1011-0GA10
of the supplied link module	3RA1911-1AA00
General technical data:	
Size of load feeder	S00
Insulation voltage	
rated value	690 V
Degree of pollution	3
Surge voltage resistance rated value	6 kV
Protection class IP	
on the front	IP20
Shock resistance	9.8g
Mechanical service life (switching cycles)	
of contactor typical	30 000 000
Type of assignment	2
Equipment marking	

acc. to DIN 40719 extended according to IEC 204-2 acc. to DIN EN 61346-2 Q acc. to DIN EN 61346-2 Q acc. to DIN EN 81346-2 Q Ambient conditions: Installation altitude at height above sea level maximum 2 000 m Ambient temperature -20 +70 °C during storage -55 +80 °C Main circuit: 3 Design of the switching contact electromechanical Adjustable pick-up value current of the current-dependent overload release 0.45 0.63 A Type of the motor protection birnetal Operating voltage - at AC-3 rated value maximum 400 V Operating current - at AC-3 rated value maximum 0.6 A Operating power 0.6 A query of Vated value 0.6 A Operating power 15 1/s - at 400 V rated value 0.18 kW No-load switching frequency 15 1/s Control circuit/ Control: - Type of voltage of the control supply voltage AC Control supply voltage frequency 1 rated value 24 V		
acc. to DIN EN 81346-2 Ambient conditions: Installation altitude at height above sea level maximum Ambient temperature during operation -20 +70 °C during storage -55 +80 °C Main circuit: Number of poles for main current circuit 3 Design of the switching contact dependent overload release Type of the motor protection Dimetal Operating current at AC-3 - at 400 V rated value Operating power at AC-3 - at 400 V rated value 0.18 kW No-load switching frequency 15 1/s Control supply voltage 1 at AC at 50 Hz rated value 24 V Control supply voltage 1 at AC at 50 Hz rated value Auxiliary circuit: Forduct extension Auxiliary switch Ves Number of NO contacts for auxiliary contacts 1 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu) at 400 V rated value So KA Short-circuit protection Product function Product function Product function Product function		Q
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— at 400 V rated value 0.6 A Operating power at AC-3 — at 400 V rated value 0.18 kW No-load switching frequency 15 1/s Control circuit/ Control: Type of voltage of the control supply voltage AC Control supply voltage 1 at AC at 50 Hz rated value 24 V Control supply voltage frequency 1 rated value 50 Hz Auxiliary circuit: Product extension Auxiliary switch Yes Number of NO contacts for auxiliary contacts 1 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu) at 400 V rated value 50 kA Short-circuit protection Product function	Operating current	
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Type of voltage of the control supply voltage Control supply voltage 1 at AC at 50 Hz rated value 24 V Control supply voltage frequency 1 rated value 50 Hz Auxiliary circuit: Product extension Auxiliary switch Number of NO contacts for auxiliary contacts 1 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu) at 400 V rated value 50 kA Short-circuit protection Product function	No-load switching frequency	15 1/s
Control supply voltage 1 at AC at 50 Hz rated value 24 V Control supply voltage frequency 1 rated value 50 Hz Auxiliary circuit: Product extension Auxiliary switch Yes Number of NO contacts for auxiliary contacts 1 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu) at 400 V rated value 50 kA Short-circuit protection Product function	Control circuit/ Control:	
at 50 Hz rated value Control supply voltage frequency 1 rated value Auxiliary circuit: Product extension Auxiliary switch Yes Number of NO contacts for auxiliary contacts Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu) at 400 V rated value Short-circuit protection Product function	Type of voltage of the control supply voltage	AC
Control supply voltage frequency 1 rated value 50 Hz Auxiliary circuit: Product extension Auxiliary switch Yes Number of NO contacts for auxiliary contacts 1 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu) at 400 V rated value 50 kA Short-circuit protection Product function	Control supply voltage 1 at AC	
Auxiliary circuit: Product extension Auxiliary switch Yes Number of NO contacts for auxiliary contacts 1 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu) at 400 V rated value 50 kA Short-circuit protection Product function	at 50 Hz rated value	24 V
Product extension Auxiliary switch Number of NO contacts for auxiliary contacts 1 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu) at 400 V rated value Short-circuit protection Product function	Control supply voltage frequency 1 rated value	50 Hz
Number of NO contacts for auxiliary contacts 1 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu) at 400 V rated value Short-circuit protection Product function	Auxiliary circuit:	
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Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu) at 400 V rated value 50 kA Short-circuit protection Product function	Number of NO contacts	
Maximum short-circuit current breaking capacity (Icu) at 400 V rated value 50 kA Short-circuit protection Product function	for auxiliary contacts	1
at 400 V rated value 50 kA Short-circuit protection Product function	Protective and monitoring functions:	
Short-circuit protection Product function	Maximum short-circuit current breaking capacity (Icu)	
Product function	at 400 V rated value	50 kA
	Short-circuit protection	
Short circuit protection Yes	Product function	
	Short circuit protection	Yes

Design of short-circuit protection	circuit-breakers
Installation/ mounting/ dimensions:	
Mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back
Mounting type	snap-on mounting
Height	159 mm
Witd>	45 mm
Depth	75 mm
Required spacing	
with side-by-side mounting	
— at the side	0 mm
for grounded parts	
— forwards	10 mm
— Backwards	0 mm
— upwards	20 mm
— at the side	9 mm
for live parts	
— forwards	10 mm
— Backwards	9 mm
— downwards	0 mm
— at the side	20 mm
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 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)
Connectable conductor cross-section for main contacts	
single or multi-stranded	0.5 4 mm²
finely stranded with core end processing	0.5 2.5 mm²
AWG number as coded connectable conductor cross section	
for main contacts	18 14
Communication/ Protocol:	
Product function Bus communication	No

Protocol		
is supported PROFIBUS DP protocol	No	
is supported PROFINET protocol	No	
Protocol is supported		
AS-interface protocol	No	
Inputs/ Outputs:		
Number of digital inputs	0	