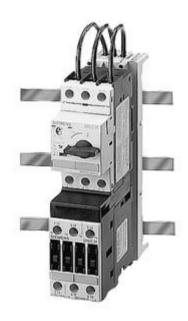


Reference: 3RA1120-4BC26-0BB4

LOAD FEEDER FUSELESS DIRECT STARTING, AC 400V, SIZE S0 14...20 A, DC 24 V, SCREW CONNECTION ON 40 MM BUSBAR ADAPTER TYPE OF COORDIN. 1, IQ = 50 KA

Buy it at Electric Automation Network



product brand name	SIRIUS
Product designation	non-fused load feeder
Design of the product	direct starter
Manufacturer's article number	
of the supplied contactor	3RT1026-1BB40
of the supplied circuit-breakers	3RV1021-4BA10
of the supplied busbar adapter	8US1051-5DM07
of the supplied link module	3RA1921-1BA00
General technical data:	
Size of load feeder	50
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	12.5g
Mechanical service life (switching cycles)	
of contactor typical	10 000 000
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 81346-2 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 Number of poles for main current circuit 3 Design of the switching contact electromechanical Adjustable pick-up value current of the current-dependent overload release 14 20 A Type of the motor protection bimetal Operating outlage 400 V at AC-3 rated value maximum 400 V Operating current 15.5 A at AC-3		
acc. to DIN EN 81346-2 Q Ambient conditions: Installation altitude at height above sea level maximum 2 000 m Ambient temperature during operation 20 +70 °C during storage		Q
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 electromechanical Adjustable pick-up value current of the current- dependent overload release Type of the motor protection bimetal Operating voltage at AC-3 rated value maximum 400 V Operating current at AC-3 - at 400 V rated value Operating power at AC-3 - at 400 V rated value 7.5 kW No-load switching frequency 15 1/s Control circuit/ Control: Type of the control supply voltage DC Control supply voltage 1 at DC rated value 24 V Auxiliary circuit: Product extension Auxiliary switch Ves Number of NC contacts for auxiliary contacts O Number of CO contacts for auxiliary contacts O Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu) Minimum short-circuit current breaking capacity (Icu)	acc. to DIN EN 61346-2	Q
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 electromechanical Adjustable pick-up value current of the current- dependent overload release Type of the motor protection Dimetal Operating voltage at AC-3 rated value maximum 400 V Operating current at AC-3 at 400 V rated value Operating power at AC-3 at 400 V rated value T,5 kW No-load switching frequency 15 1/s Control circuit/ Control: Type of voltage of the control supply voltage DC Control supply voltage 1 at DC rated value 24 V Auxiliary circuit: Product extension Auxiliary switch Yes Number of NC contacts for auxiliary contacts Operating voltages Operating current Operating power	acc. to DIN EN 81346-2	Q
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 electromechanical Adjustable pick-up value current of the current- dependent overload release Type of the motor protection Dimetal Operating voltage at AC-3 arated value maximum Operating power at AC-3 — at 400 V rated value Operating power at AC-3 — at 400 V rated value Type of voltage of the control supply voltage DC Control circuit/ Control: Type of voltage of the control supply voltage DC Control supply voltage 1 at DC rated value 24 V Auxiliary circuit: Product extension Auxiliary switch Ves Number of NC contacts for auxiliary contacts O Number of CO contacts for auxiliary contacts O Protective and monitoring functions: Maximum short-circuit current breaking capacity (icu) Maximum short-circuit current breaking capacity (icu)	Ambient conditions:	
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during storage	Ambient temperature	
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Design of the switching contact Adjustable pick-up value current of the current-dependent overload release Type of the motor protection Dimetal Operating voltage at AC-3 rated value maximum AC-3 — at 400 V rated value at AC-3 — at 400 V rated value Type of valtage of the control supply voltage Type of voltage of the control supply voltage Type of voltage of the control supply voltage Control circuit/ Control: Type of voltage of the control supply voltage DC Control supply voltage 1 at DC rated value Auxiliary circuit: Product extension Auxiliary switch Ves Number of NC contacts for auxiliary contacts Maximum short-circuit current breaking capacity (Icu)	Main circuit:	
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— at 400 V rated value 15.5 A Operating power at AC-3 — at 400 V rated value 7.5 kW No-load switching frequency 15 1/s Control circuit/ Control: Type of voltage of the control supply voltage DC Control supply voltage 1 at DC rated value 24 V Auxiliary circuit: Product extension Auxiliary switch Yes Number of NC contacts for auxiliary contacts O Number of NO contacts for auxiliary contacts for auxiliary contacts O Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu)	Operating current	
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— at 400 V rated value 7.5 kW No-load switching frequency 15 1/s Control circuit/ Control: Type of voltage of the control supply voltage DC Control supply voltage 1 at DC rated value 24 V Auxiliary circuit: Product extension Auxiliary switch Yes Number of NC contacts for auxiliary contacts o Number of NO contacts for auxiliary contacts for auxiliary contacts 0 Number of CO contacts for auxiliary contacts for auxiliary contacts 0 Protective and monitoring functions: Maximum short-circuit current breaking capacity (lcu)	Operating power	
No-load switching frequency Control circuit/ Control: Type of voltage of the control supply voltage DC Control supply voltage 1 at DC rated value 24 V Auxiliary circuit: Product extension Auxiliary switch Number of NC contacts for auxiliary contacts O Number of NO contacts for auxiliary contacts O Number of CO contacts for auxiliary contacts O Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu)	at AC-3	
Type of voltage of the control supply voltage Control supply voltage 1 at DC rated value Auxiliary circuit: Product extension Auxiliary switch Number of NC contacts for auxiliary contacts for auxiliary contacts for auxiliary contacts for auxiliary contacts 0 Number of CO contacts for auxiliary contacts for auxiliary contacts for auxiliary contacts Maximum short-circuit current breaking capacity (Icu)	— at 400 V rated value	7.5 kW
Type of voltage of the control supply voltage Control supply voltage 1 at DC rated value 24 V Auxiliary circuit: Product extension Auxiliary switch Yes Number of NC contacts for auxiliary contacts for auxiliary contacts for auxiliary contacts 0 Number of CO contacts for auxiliary contacts 0 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu)	No-load switching frequency	15 1/s
Control supply voltage 1 at DC rated value 24 V Auxiliary circuit: Product extension Auxiliary switch Yes Number of NC contacts for auxiliary contacts for auxiliary contacts for auxiliary contacts for auxiliary contacts O Number of CO contacts for auxiliary contacts for auxiliary contacts O Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu)	Control circuit/ Control:	
at DC rated value Auxiliary circuit: Product extension Auxiliary switch Number of NC contacts for auxiliary contacts for auxiliary contacts for auxiliary contacts O Number of CO contacts for auxiliary contacts O Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu)	Type of voltage of the control supply voltage	DC
Auxiliary circuit: Product extension Auxiliary switch Yes Number of NC contacts for auxiliary contacts for auxiliary contacts for auxiliary contacts O Number of CO contacts for auxiliary contacts O Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu)	Control supply voltage 1	
Product extension Auxiliary switch Number of NC contacts for auxiliary contacts for auxiliary contacts for auxiliary contacts 0 Number of NO contacts for auxiliary contacts 0 Number of CO contacts for auxiliary contacts 0 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu)	at DC rated value	24 V
Number of NC contacts for auxiliary contacts 0 Number of NO contacts for auxiliary contacts 0 Number of CO contacts for auxiliary contacts 0 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu)	Auxiliary circuit:	
for auxiliary contacts for auxiliary contacts for auxiliary contacts 0 Number of CO contacts for auxiliary contacts 0 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu)	Product extension Auxiliary switch	Yes
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for auxiliary contacts Number of CO contacts for auxiliary contacts 0 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu)	for auxiliary contacts	0
Number of CO contacts for auxiliary contacts 0 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu)	Number of NO contacts	
for auxiliary contacts 0 Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu)	for auxiliary contacts	0
Protective and monitoring functions: Maximum short-circuit current breaking capacity (Icu)	Number of CO contacts	
Maximum short-circuit current breaking capacity (Icu)	for auxiliary contacts	0
	Protective and monitoring functions:	
at 400 V rated value 50 kA	Maximum short-circuit current breaking capacity (Icu)	
	at 400 V rated value	50 kA

Short-circuit protection Product function	
Short circuit protection	Yes
<u> </u>	
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	for snapping onto 40 mm busbar systems
Height	183 mm
Witd>	45 mm
Depth	154 mm
Required spacing	
with side-by-side mounting	
— at the side	0 mm
for grounded parts	
— forwards	10 mm
— Backwards	0 mm
— upwards	30 mm
— at the side	9 mm
for live parts	
— forwards	10 mm
— Backwards	9 mm
— downwards	0 mm
— at the side	30 mm
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)
— stranded	1 6 mm², 2x (1 2.5 mm²), 2x (2.5 6 mm²)
— finely stranded with core end processing	1 6 mm², 2x (1 2.5 mm²), 2x (2.5 6 mm²)
at AWG conductors for main contacts	2x (14 10)
Connectable conductor cross-section for main contacts	
single or multi-stranded	1 6 mm²
finely stranded with core end processing	1 6 mm²
AWG number as coded connectable conductor cross section	

for main contacts	14 10	
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	