

Load feeder fuseless direct-on-line starting, 400 V AC Size S0 14-20 A, 24 V DC Screw terminal for installation on standard mounting rail
 Type of coordination 1, Iq = 50 kA !!! Phased-out product !!!
 Successor is SIRIUS 3RA2 Preferred successor type is >>3RA2120-4BA26-0BB4<<



Figure similar

Product brand name	SIRIUS
Product designation	non-fused load feeder
Design of the product	direct starter
Manufacturer's article number	
<ul style="list-style-type: none"> • of the supplied contactor • of the supplied circuit-breakers • of the supplied link module 	<p>3RT1026-1BB40</p> <p>3RV1021-4BA10</p> <p>3RA1921-1BA00</p>

General technical data	
Size of load feeder	S0
Product extension	
<ul style="list-style-type: none"> • Auxiliary switch 	Yes
Insulation voltage	
<ul style="list-style-type: none"> • rated value 	690 V
Degree of pollution	3
Surge voltage resistance rated value	6 kV
Protection class IP	
<ul style="list-style-type: none"> • on the front 	IP20

Shock resistance	12.5g
Mechanical service life (switching cycles)	
• of contactor typical	10 000 000
Type of assignment	2
• (certificate of suitability)	UL / CSA / CCC / GL / LRS / BV / DNV / PRS
Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	Q
Reference code acc. to DIN EN 81346-2	Q
Reference code acc. to DIN EN 61346-2	Q

Ambient conditions

Installation altitude at height above sea level	
• maximum	2 000 m

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	14 ... 20 A
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	15.5 A
Operating power	
• at AC-3	
— at 400 V rated value	7.5 kW
• (no-load operating)	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

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 (I_{cu})	
• at 400 V rated value	50 kA

Short-circuit protection

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 fastening on 35 mm standard rail
(height)	183 mm
Width	45 mm
Depth	103.5 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 mm ² , 2x (1 ... 2.5 mm ²), 2x (2.5 ... 6 mm ²)
— stranded	1 ... 6 mm ² , 2x (1 ... 2.5 mm ²), 2x (2.5 ... 6 mm ²)
— finely stranded with core end processing	1 ... 6 mm ² , 2x (1 ... 2.5 mm ²), 2x (2.5 ... 6 mm ²)
• at AWG conductors for main contacts	2x (14 ... 10)
Connectable conductor cross-section for main contacts	
• single or multi-stranded	1 ... 6 mm ²
• stranded	1 ... 6 mm ²
• finely stranded with core end processing	1 ... 6 mm ²
AWG number as coded connectable conductor cross section	
• for main contacts	14 ... 10
Communication/ Protocol	
Protocol is supported	

• PROFIBUS DP protocol	No
• PROFINET protocol	No
Product function Bus communication	No
Protocol is supported	
• AS-interface protocol	No

Inputs/ Outputs

Number of digital inputs	0
--------------------------	---

Certificates/approvals

General Product Approval	For use in hazardous locations	Declaration of Conformity	Marine / Shipping
--------------------------	--------------------------------	---------------------------	-------------------



[Miscellaneous](#)



Marine / Shipping	other
-------------------	-------



[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA1120-4BA26-0BB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA1120-4BA26-0BB4>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1120-4BA26-0BB4>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

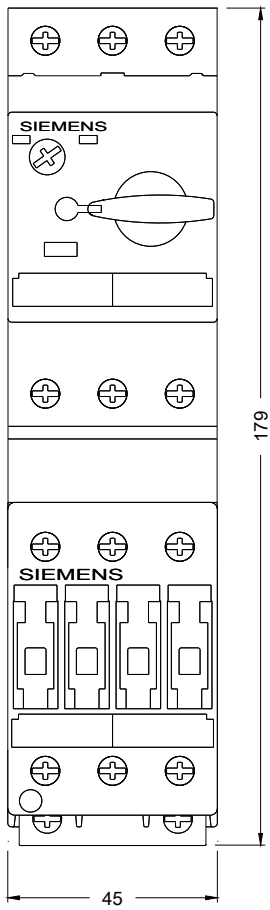
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA1120-4BA26-0BB4&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1120-4BA26-0BB4/char>

Further characteristics (e.g. electrical endurance, switching frequency)

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA1120-4BA26-0BB4&objecttype=14&gridview=view1>



last modified:

05/04/2019

