SIEMENS

Data sheet

3RA2120-1JA24-0AP6



Fuseless motor starter Direct start 600VAC Size S0 7-10A 220/240VAC 50/60HZ screw connection For screw mounting Or 35 mm rail-mounting Type of coordination 2 IQ = 150 KA Also full fills type Of coordination 1 1NO+1NC (contactor)

design of the product direct starter	product brand name	SIRIUS
manufacturer's article number • of the supplied contactor • of the supplied contactor • of the supplied incluit-breakers • of the supplied link module 3RA2321-1AA00 General technical data size of the circuit-breaker size of load feeder product extension auxiliary switch resultation voltage with degree of pollution 3 at AC rated value degree of pollution 3 surge voltage resistance rated value 4 shock resistance according to IEC 60068-2-27 6 g/11 ms mechanical service life (switching cycles) of contactor typical type of assignment 2 Ambient conditions ambient temperature • during operation • during storage • during transport value for both switching contact adjustable current response value current of the current-dependent overload release • rated value • at AC-3 rated value maximum operating power at AC-3 • at 400 V rated value • at AC-3 rated value • at AC-3 rated value • at 550 V value voltage control control supply voltage at AC	product designation	non-fused motor starter 3RA2
of the supplied circuit-breakers of the supplied link module of the supplied link module size of the circuit-breaker size of the circuit-breaker size of load feeder product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical type of assignment during operation outring storage outring storage outring transport during transport outring transport design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage	design of the product	direct starter
of the supplied circuit-breakers of the supplied link module 3RA2921-1AA00 Size of the circuit-breaker size of the circuit-breaker size of load feeder product extension auxiliary switch risulation voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical type of assignment 2 Ambient temperature during operation during storage during transport -55 +80 °C design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage at AC-3 rated value at AC-3 rated value at 500 W control circuit/ Control control supply voltage at AC	manufacturer's article number	
• of the supplied link module General technical data size of the circuit-breaker size of load feeder product extension auxillary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical type of assignment 2 Ambient conditions ambient temperature during operation during storage during storage during storage during transport -55 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • at AC-3 rated value maximum set at 600 V operational current at AC-3 at 400 V rated value operational current at AC-3 • at 400 V rated value • at 500 V rated value • at 500 V value value value value • at 500 V rated value	 of the supplied contactor 	3RT2024-1AP60
size of the circuit-breaker S00 size of load feeder S0 product extension auxiliary switch Yes insulation voltage with degree of pollution 3 at AC rated value 690 V value 690 V shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (switching cycles) of contactor typical 1000000000000000000000000000000000000	 of the supplied circuit-breakers 	3RV2011-1JA10
size of the circuit-breaker S00 size of load feeder S0 product extension auxiliary switch Yes insulation voltage with degree of pollution 3 at AC rated value 690 V saure of pollution 3 surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 6g /11 ms mechanical service life (switching cycles) of contactor typical 7 type of assignment 2 Ambient conditions ambient temperature • during operation -20 +60 °C • during storage -50 +80 °C • during transport -55 +80 °C Main circuit number of poles for main current circuit 3 design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release operating voltage • rated value 690 V • at AC-3 rated value maximum 690 V operating frequency rated value 50 60 Hz operational current at AC-3 at 400 V rated value 8.5 A operating power at AC-3 • at 400 V rated value 4 000 W • at 500 V V rated value 5 500 W Control circuit/ Control control supply voltage at AC	 of the supplied link module 	3RA2921-1AA00
size of load feeder product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical type of assignment 2 Ambient conditions ambient temperature during operation during storage during transport -20 +60 °C -50 +80 °C during transport Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage at AC-3 rated value at AC-3 rated value operating frequency rated value at 50 60 Hz operating power at AC-3 at 400 V rated value at 500 V rated value at 500 V rated value 5 500 W Control circuit/ Control control supply voltage at AC	General technical data	
product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution 3 surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical type of assignment 2 Ambient conditions ambient temperature during operation during storage during transport number of poles for main current circuit adigustable current response value current of the current-dependent overload release operating voltage rated value operating frequency rated value operating frequency rated value at 500 V rated value at 500 V rated value 5 500 W Control circuit/Control Control supply voltage at AC	size of the circuit-breaker	S00
insulation voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical type of assignment 2 Ambient conditions ambient temperature during storage during storage during transport -50 +80 °C during transport -55 +80 °C Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage e rated value e at AC-3 rated value maximum operating frequency rated value operating power at AC-3 e at 400 V rated value e at 500 V rated value e at 500 V rated value 5 500 W Control circuit/Control control supply voltage at AC	size of load feeder	S0
degree of pollution 3 surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (switching cycles) of contactor typical 10 000 000 type of assignment 2 Ambient conditions ambient temperature during operation -20 +60 °C during storage -50 +80 °C during transport -55 +80 °C Main circuit number of poles for main current circuit 3 design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release operating voltage rated value 690 V operating frequency rated value 50 60 Hz operating power at AC-3 at 400 V rated value 5500 W Control circuit/Control control supply voltage at AC	product extension auxiliary switch	Yes
surge voltage resistance rated value shock resistance according to IEC 60068-2-27 feg / 11 ms mechanical service life (switching cycles) of contactor typical type of assignment 2 Ambient conditions ambient temperature • during operation • during storage • during storage • during transport -20 +60 °C • during transport -50 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating frequency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value	0 1	690 V
shock resistance according to IEC 60068-2-27 shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical type of assignment 2 Ambient conditions ambient temperature • during operation • during storage • during storage • during transport • during transport • during transport • design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating frequency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value control circuit/ Control control supply voltage at AC	degree of pollution	3
mechanical service life (switching cycles) of contactor typical type of assignment 2 Ambient conditions ambient temperature • during operation • during storage • during transport -20 +60 °C • during transport -50 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value	surge voltage resistance rated value	6 kV
type of assignment 2 Ambient conditions ambient temperature • during operation • during storage • during transport -50 +80 °C • during transport -55 +80 °C Main circuit number of poles for main current circuit design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value	shock resistance according to IEC 60068-2-27	6g / 11 ms
Ambient conditions ambient temperature • during operation • during storage • during transport Ambient circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating frequency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value	· · · · · · · · · · · · · · · · · · ·	10 000 000
ambient temperature • during operation • during storage • during transport -50 +80 °C • during transport -55 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating frequency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 500 V rated value control circuit/ Control control supply voltage at AC	type of assignment	2
 during operation during storage during transport 55 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3 rated value maximum operating frequency rated value operating power at AC-3 at 400 V rated value at 500 V rated value 	Ambient conditions	
 during storage during transport -55 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3 rated value maximum operating frequency rated value operating power at AC-3 at 400 V rated value at 400 V rated value at 400 V rated value at 500 W Control circuit/ Control control supply voltage at AC	ambient temperature	
during transport design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage e at AC-3 rated value maximum operating frequency rated value operating power at AC-3 e at 400 V rated value e at 400 V rated value e at 500 V rated value control circuit/ Control control supply voltage at AC-	 during operation 	-20 +60 °C
Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operational current at AC-3 at 400 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value control circuit/ Control control supply voltage at AC	 during storage 	-50 +80 °C
number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operational current at AC-3 at 400 V rated value • at 400 V rated value • at 500 V rated value	 during transport 	-55 +80 °C
design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value 5 500 W Control circuit/ Control control supply voltage at AC	Main circuit	
adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum 690 V operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 500 V rated value control circuit/ Control control supply voltage at AC	number of poles for main current circuit	3
current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum 690 V operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 500 V rated value control circuit/ Control control supply voltage at AC	design of the switching contact	electromechanical
 rated value at AC-3 rated value maximum operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 at 400 V rated value at 500 V rated value at 500 V rated value 500 W Control circuit/ Control control supply voltage at AC	•	7 10 A
 at AC-3 rated value maximum 690 V operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 at 400 V rated value at 500 V rated value 500 W Control circuit/ Control control supply voltage at AC	operating voltage	
operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value Control circuit/ Control control supply voltage at AC	• rated value	690 V
operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value Control circuit/ Control control supply voltage at AC	at AC-3 rated value maximum	690 V
operating power at AC-3 • at 400 V rated value • at 500 V rated value Control circuit/ Control control supply voltage at AC	operating frequency rated value	50 60 Hz
at 400 V rated value at 500 V rated value 5 500 W Control circuit/ Control control supply voltage at AC	operational current at AC-3 at 400 V rated value	8.5 A
at 500 V rated value	operating power at AC-3	
Control circuit/ Control control supply voltage at AC	at 400 V rated value	4 000 W
control supply voltage at AC	• at 500 V rated value	5 500 W
	Control circuit/ Control	
• at 50 Hz rated value 220 V	control supply voltage at AC	
	at 50 Hz rated value	220 V

15011	470 04014
at 50 Hz rated value	176 242 V
 at 60 Hz rated value 	240 V
at 60 Hz rated value	192 264 V
apparent holding power of magnet coil at AC	7.2 VA
inductive power factor with the holding power of the coil	0.28
Auxiliary circuit	
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
Protective and monitoring functions	
trip class	CLASS 10
design of the overload release	thermal (bimetallic)
response value current of instantaneous short-circuit trip unit	130 A
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	7.92 A
• at 600 V rated value	9.19 A
yielded mechanical performance [hp]	
for single-phase AC motor	
— at 110/120 V rated value	0.5 hp
— at 230 V rated value	1.5 hp
• for 3-phase AC motor	
— at 200/208 V rated value	2 hp
 at 220/230 V rated value 	3 hp
 at 460/480 V rated value 	5 hp
 at 575/600 V rated value 	7.5 hp
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
Per 1 1 4 1 14 4 4 4 1 3	
conditional short-circuit current (Iq)	
at 400 V according to IEC 60947-4-1 rated value	153 000 A
	153 000 A
at 400 V according to IEC 60947-4-1 rated value	153 000 A vertical
• at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions	
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position	vertical
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing for grounded parts — forwards	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing for grounded parts — forwards — backwards	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing for grounded parts — forwards — backwards — upwards	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing for grounded parts — forwards — backwards — upwards — at the side	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 9 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing for grounded parts	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing ofor grounded parts	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 9 mm 10 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing at for grounded parts — forwards — backwards — upwards — at the side — downwards for live parts — forwards — forwards	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 9 mm 10 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — backwards	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing at for grounded parts — forwards — backwards — upwards — at the side — downwards for live parts — forwards — backwards — upwards — upwards — upwards — to rive parts — forwards — backwards — backwards — upwards	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 10 mm 10 mm 10 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing at for grounded parts — forwards — backwards — upwards — at the side — downwards at for live parts — forwards — backwards — upwards — downwards at the side — downwards — backwards — backwards — upwards — downwards	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm 30 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing at for grounded parts - forwards - backwards - upwards - at the side - downwards for live parts - backwards - backwards - downwards at the side - downwards - backwards - backwards - backwards - backwards - at the side - downwards - at the side - downwards - at the side	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 10 mm 10 mm 10 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing at for grounded parts - forwards - backwards - upwards - at the side - downwards for live parts - forwards - backwards - upwards - at the side - downwards - torwards - backwards - at the side - downwards - backwards - upwards - at the side Connections/ Terminals	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 10 mm 10 mm 10 mm 10 mm 9 mm 10 mm 9 mm 10 mm 9 mm 10 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — at the side — downwards — to rule parts — forwards — backwards — upwards — backwards — upwards — at the side Connections/ Terminals type of electrical connection for main current circuit	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm 30 mm
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing at for grounded parts - forwards - backwards - upwards - at the side - downwards - for live parts - forwards - backwards - upwards - at the side - downwards - torwards - backwards - upwards - backwards - upwards - backwards - upwards - downwards - at the side Connections/ Terminals type of electrical connection for main current circuit type of connectable conductor cross-sections	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 10 mm 10 mm 0 mm 30 mm 9 mm 10 mm screw-type terminals
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing at for grounded parts - forwards - backwards - upwards - at the side - downwards for live parts - backwards - upwards - backwards - at the side - downwards - torwards - backwards - backwards - upwards - backwards - upwards - torwards - tormals - tormals type of electrical connection for main current circuit type of connectable conductor cross-sections - for main contacts stranded	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 9 mm 10 mm 0 mm 30 mm 9 mm 10 mm screw-type terminals 1 10 mm², 2x (2.5 6 mm²)
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing for grounded parts	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm 30 mm 10 mm screw-type terminals 1 10 mm², 2x (2.5 6 mm²) 2x (16 12), 2x (14 8)
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 9 mm 10 mm 0 mm 30 mm 9 mm 10 mm screw-type terminals 1 10 mm², 2x (2.5 6 mm²)
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm 30 mm 10 mm screw-type terminals 1 10 mm², 2x (2.5 6 mm²) 2x (16 12), 2x (14 8)
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm 30 mm 10 mm screw-type terminals 1 10 mm², 2x (2.5 6 mm²) 2x (16 12), 2x (14 8)

proportion of dangerous failures with high demand rate 73 % according to SN 31920 protection class IP on the front according to IEC IP20 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front

Certificates/ approvals

General Product Approval

For use in hazardous locations

Declaration of Conformity



Confirmation









Declaration of Conformity

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report

Special Test Certific-<u>ate</u>





other



Marine / Shipping





Confirmation

Vibration and Shock

Railway

Further information

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2120-1JA24-0AP6

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2120-1JA24-0AP6

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2120-1JA24-0AP6

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2120-1JA24-0AP6&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RA2120-1JA24-0AP6/char

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2120-1JA24-0AP6&objecttype=14&gridview=view1

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