## 3RA2120-1DA23-0AK6

**Data sheet** 



Fuseless motor starter Direct start 600VAC Size S0 2.2-3.2A 110/120VAC 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)

product designation design of the product design of the product anufacturer's article number of the supplied contactor of the supplied contactor of the supplied circuit-breakers of the supplied link module 3RA2921.1AA00  Ceneral technical data size of the circuit-breakers size of the circuit-breakers size of the circuit-breaker size of the circuit-breaker size of toad feeder S0 product extension auxiliary switch risulation voltage with degree of pollution 3 at AC rated value 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 (operating cycles) of contactor typical 10 000 000  SVHC substance name Lead - 7439-92-1 Weight 0.76 kg Ambient conditions ambient temperature during storage 5-50+80 °C during transport  Aduring transport  Adain circuit number of poles for main current circuit design of the switching contact dependent overload release operating voltage at AC-3 rated value maximum operating frequency rated value 0 at ACO-3 rated value maximum operating frequency rated value 1 100 W  at 500 V rated value 1 100 W  ontrol supply voltage at AC at 500 V rated value 1 100 W  ontrol supply voltage at AC at 500 V rated value 1 100 W  ontrol supply voltage at AC at 500 V rated value 1 100 W  ontrol supply voltage at AC at 500 V rated value 1 100 W	product brand name	SIRIUS
manufacturer's article number  of the supplied contactor of the supplied circuit-breakers of the supplied link module 3RA2921-1AA00  Ceneral technical data size of the circuit-breaker size of the circuit-breaker size of the circuit-breaker Size of load feeder Size o	product designation	non-fused motor starter 3RA2
of the supplied contactor of the supplied circuit-breakers of the supplied link module  SaR2921-1AA00  General technical data  size of the circuit-breaker size of the circuit-breaker size of load feeder product extension auxiliary switch yes 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 6g / 11 ms mechanical service life (operating cycles) of contactor typical 10 000 000  SyHC substance name Lead - 7439-92-1  Weight 0.76 kg  Ambient conditions  ambient temperature during operation during storage during transport  Service in the surface of the current-dependent overload release operating voltage i rated value adjustable current response value current of the current-dependent overload release operating requency rated value poperational current at AC-3 at 400 V rated value 2.7 A operating frequency rated value at 500 V rated value 1 100 W at 500 V rated value 1 500 W Control circuit Control control supply voltage at AC	design of the product	direct starter
of the supplied circuit-breakers	manufacturer's article number	
of the supplied link module     Son  size of the circuit-breaker     Son  size of toad feeder     Son  product extension auxiliary switch     Yes 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 60068-227     69 /11 ms  mechanical service life (operating cycles) of contactor typical     10 000 000  SVHC substance name     Lead - 7439-92-1  Weight     0.76 kg  Ambient conditions  ambient temperature     during operation     during storage     during itransport     during itransport  Main circuit  number of poles for main current circuit     design of the switching contact     dependent overload release     operating voltage     * at AC-3 rated value maximum     690 V  operating frequency rated value     at 400 V rated value     at 500 V rated value     control supply voltage at AC-	<ul> <li>of the supplied contactor</li> </ul>	3RT2023-1AK60
Size of the circuit-breaker   S00   Size of load feeder   S0   Size of load feeder   Size of load feede	<ul> <li>of the supplied circuit-breakers</li> </ul>	3RV2011-1DA10
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  degree of pollution 3  surge voltage resistance rated value 68/ V  shock resistance according to IEC 60068-2-27 6g/ 11 ms  mechanical service life (operating cycles) of contactor typical 10 000 000  type of coordination 2  SVHC substance name Lead - 7439-92-1  Weight 0.76 kg  Ambient conditions  ambient temperature  • during operation -20 +60 °C  • during pransport -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  operating power at AC-3  • at 400 V rated value 1 100 W  • at 500 V rated value 1 100 W  • at 500 V rated value 1 100 W  control circuit/ Control  control supply voltage at AC	<ul> <li>of the supplied link module</li> </ul>	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 60 kV shock resistance according to IEC 60088-2-27 mechanical service life (operating cycles) of contactor typical type of coordination 2 SYHC substance name Lead - 7439-92-1 Weight 0.76 kg Ambient conditions ambient temperature during operation during storage during transport -20 +60 °C during transport -55 +80 °C  Main circuit number of poles for main current circuit 3 design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage rated value et at AC-3 rated value maximum operating frequency rated value operating frequency rated value at 50 60 Hz operating power at AC-3 et at 400 V rated value 1 100 W 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 6g / 11 ms mechanical service life (operating cycles) of contactor typical type of coordination 2 SYHC substance name Lead - 7439-92-1 Weight 0.76 kg  Ambient conditions  ambient temperature during operation during storage during transport -50 +80 °C  Main circuit number of poles for main current circuit design of the switching contact dependent overload release operating voltage rated value at AC-3 rated value maximum operating frequency rated value operating frequency rated value at 50 60 Hz operating power at AC-3 at 400 V rated value 1 100 W control supply voltage at AC	size of the circuit-breaker	S00
insulation voltage with degree of pollution 3 at AC rated value 690 V 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 (operating cycles) of contactor typical 10 000 000 type of coordination 2 SYHC substance name Lead - 7439-92-1 Weight 0.76 kg Ambient conditions  ambient temperature	size of load feeder	SO
degree of pollution  surge voltage resistance rated value  shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles) of contactor typical type of coordination  2  SYHC substance name  Lead - 7439-92-1  Weight  Ambient conditions  ambient temperature  during operation during storage 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 operational current at AC-3 at 400 V rated value at 500 V rated value at 400 V rated value 1 100 W  Control circuit/ Control control supply voltage at AC	product extension auxiliary switch	Yes
surge voltage resistance rated value 6 kV  shock resistance according to IEC 60068-2-27 6g / 11 ms  mechanical service life (operating cycles) of contactor typical 10 000 000  type of coordination 2  SYHC substance name Lead - 7439-92-1  Weight 0.76 kg  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 requency rated value 690 V  operating frequency rated value 50 60 Hz  operational current at AC-3 at 400 V rated value 2.7 A  operating power at AC-3  • at 400 V rated value 1 500 W  Control circuit/ Control  control supply voltage at AC	insulation voltage with degree of pollution 3 at AC rated value	690 V
shock resistance according to IEC 60068-2-27	degree of pollution	3
mechanical service life (operating cycles) of contactor typical  type of coordination  2  SVHC substance name  Lead - 7439-92-1  Weight  0.76 kg  Ambient conditions  ambient temperature  • during operation • during storage • 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 prover at AC-3 • at 400 V rated value • at 500 V V rated value	surge voltage resistance rated value	6 kV
type of coordination 2 SVHC substance name Lead - 7439-92-1 Weight 0.76 kg  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  operating power at AC-3  • at 400 V rated value 1100 W  • at 500 V rated value 1500 W  Control circuit/ Control  control supply voltage at AC	shock resistance according to IEC 60068-2-27	6g / 11 ms
SVHC substance name  Lead - 7439-92-1  Weight  0.76 kg  Ambient conditions  ambient temperature  • during operation • during storage • 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	mechanical service life (operating cycles) of contactor typical	10 000 000
Weight 0.76 kg  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  operating power at AC-3 at 400 V rated value 2.7 A  operating power at AC-3  • at 400 V rated value 1100 W  • at 500 V rated value 1100 W  • at 500 V rated value 1500 W  Control circuit/ Control  control supply voltage at AC	type of coordination	2
ambient temperature  • during operation • during storage • during transport  -20 +60 °C • 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 690 V  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  • at 500 V rated value  • at 500 V rated value 1 500 W  Control circuit/ Control  control supply voltage at AC	SVHC substance name	Lead - 7439-92-1
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  1 100 W  control circuit/ Control  control supply voltage at AC	Weight	0.76 kg
<ul> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>55 +80 °C</li> </ul> Main circuit number of poles for main current circuit design of the switching contact <ul> <li>electromechanical</li> <li>adjustable current response value current of the current-dependent overload release</li> </ul> operating voltage <ul> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>operating frequency rated value</li> <li>operating power at AC-3 at 400 V rated value</li> <li>at 500 V</li> </ul> Control circuit/ Control control supply voltage at AC	Ambient conditions	
during storage     during transport      during transport      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         erated value         eat AC-3 rated value maximum         operating frequency rated value         operating power at AC-3         eat 400 V rated value         eat 400 V rated value         eat 500 V rated value	ambient temperature	
during transport	<ul> <li>during operation</li> </ul>	-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  operating power at AC-3 at 400 V rated value  • at 400 V rated value  • at 500 V rated value  1 100 W  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  690 V  operating frequency rated value  50 60 Hz  operating power at AC-3  • at 400 V rated value  • at 500 V rated value  1 100 W  • at 500 V rated value  1 500 W  Control circuit/ Control  control supply voltage at AC	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  operating requency rated value  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  1 100 W  • at 500 V rated value  1 500 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  operating frequency rated value  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  1 100 W  • at 500 V rated value  1 500 W  Control circuit/ Control  control supply voltage at AC	number of poles for main current circuit	3
dependent overload release  operating voltage  • rated value • 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 2.7 A  operating power at AC-3 • at 400 V rated value 1 100 W • at 500 V rated value 1 500 W  Control circuit/ Control  control supply voltage at AC	design of the switching contact	electromechanical
rated value     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     2.7 A      operating power at AC-3     at 400 V rated value     1 100 W     at 500 V rated value     1 500 W  Control circuit/ Control  control supply voltage at AC		2.2 3.2 A
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  1 100 W  at 500 V rated value  1 500 W  Control circuit/ Control  control supply voltage at AC	operating voltage	
operating frequency rated value 50 60 Hz operational current at AC-3 at 400 V rated value 2.7 A  operating power at AC-3  • at 400 V rated value 1 100 W  • at 500 V rated value 1 500 W  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  1 500 W  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  1 500 W  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     1 500 W  Control circuit/ Control  control supply voltage at AC	operational current at AC-3 at 400 V rated value	2.7 A
at 500 V rated value     1 500 W  Control circuit/ Control  control supply voltage at AC	operating power at AC-3	
Control circuit/ Control control supply voltage at AC	• at 400 V rated value	1 100 W
control supply voltage at AC	at 500 V rated value	1 500 W
	Control circuit/ Control	
• at 50 Hz rated value 110 V	control supply voltage at AC	
	• at 50 Hz rated value	110 V

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• at 50 Hz rated value	88 121 V
• at 60 Hz rated value	120 V
at 60 Hz rated value	96 132 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	41.6 A
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	2.8 A
at 600 V rated value	3.16 A
yielded mechanical performance [hp]	
• for single-phase AC motor	
— at 110/120 V rated value	0.1 hp
— at 230 V rated value	0.25 hp
• for 3-phase AC motor	
— at 200/208 V rated value	0.5 hp
— at 220/230 V rated value	0.75 hp
— at 460/480 V rated value	1.5 hp
— at 575/600 V rated value	2 hp
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
conditional short-circuit current (Iq)	
<ul> <li>at 400 V according to IEC 60947-4-1 rated value</li> </ul>	153 000 A
Installation/ mounting/ dimensions	
Installation/ mounting/ dimensions mounting position	vertical
	vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug
mounting position fastening method	
mounting position	Snap-mounted to DIN rail or screw-mounted with additional push-in lug
mounting position fastening method height width	Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm
mounting position fastening method height	Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm
mounting position fastening method height width depth	Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm
mounting position fastening method height width depth required spacing	Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm
mounting position fastening method height width depth required spacing • for grounded parts	Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm
mounting position fastening method height width depth required spacing • for grounded parts — forwards	Snap-mounted to DIN rail or screw-mounted with additional push-in lug 193.1 mm 45 mm 97.1 mm
mounting position fastening method height width depth required spacing  • for grounded parts — forwards — backwards	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
mounting position fastening method height width depth required spacing  • for grounded parts — forwards — backwards — upwards	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
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side	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
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards	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
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts	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
mounting position fastening method height width depth required spacing  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards	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
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	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
mounting position fastening method height width depth required spacing	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
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 — downwards • for lowerds — downwards — backwards — backwards — backwards — upwards — downwards	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
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — at the side — downwards — torwards — backwards — backwards — backwards — backwards — at the side Connections/ Terminals	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 9 mm 10 mm 9 mm 10 mm 9 mm 10 mm
mounting position fastening method height width depth required spacing  • for grounded parts — forwards — backwards — upwards — at the side — downwards  • for live parts — forwards — backwards — at the side — downwards  • for live parts — forwards — backwards — upwards — backwards — upwards — at the side  Connections/ Terminals  type of electrical connection for main current circuit type of connectable conductor cross-sections for main contacts	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
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 parts — forwards — backwards — upwards — at the side  Connections/ Terminals  type of electrical connection for main current circuit type of connectable conductor cross-sections for main contacts stranded connectable conductor cross-section for main contacts finely	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 0 mm 30 mm 9 mm
mounting position fastening method height width depth required spacing	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)
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 parts — forwards — backwards — upwards — at the side  Connections/ Terminals  type of electrical connection for main current circuit type of connectable conductor cross-sections for main contacts stranded connectable conductor cross-section for main contacts finely	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)
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 Connections/ Terminals  type of electrical connection for main current circuit type of connectable conductor cross-sections for main contacts stranded connectable conductor cross-section for main contacts finely stranded with core end processing  Safety related data proportion of dangerous failures with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920	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) 1 6 mm²
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 — a the side — downwards — to a the side — downwards — backwards — upwards — backwards — upwards — at the side  Connections/ Terminals  type of electrical connection for main current circuit type of connectable conductor cross-sections for main contacts stranded connectable conductor cross-section for main contacts finely stranded with core end processing  Safety related data proportion of dangerous failures with high demand rate according to SN 31920	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 10 mm 1 mm 10 mm 10 mm 10 mm 10 mm 10 mm

**Approvals Certificates** 

**General Product Approval** 

For use in hazardous locations

other











Confirmation

## **Environment**

Environmental Confirmations

## **Further information**

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information for data generation and storage

https://support.industry.siemens.com/cs/ww/en/view/109995012

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=3RA2120-1DA23-0AK6

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RA2120-1DA23-0AK6}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2120-1DA23-0AK6

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

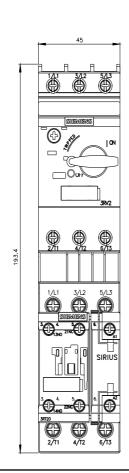
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2120-1DA23-0AK6&lang=en

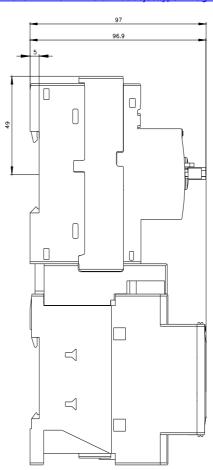
Characteristic: Tripping characteristics, I2t, Let-through current

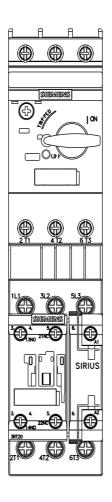
https://support.industry.siemens.com/cs/ww/en/ps/3RA2120-1DA23-0AK6/char

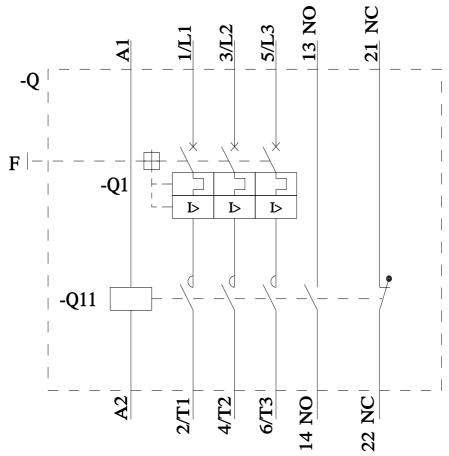
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2120-1DA23-0AK6&objecttype=14&gridview=view1









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