SIEMENS

Data sheet

3RA2120-1JD24-0AK6



FUSELESS LOAD FEEDER DIRECT START, AC 400V, SZ. S0, 7. . .10A, AC 110/120V 50/60HZ SCREW TERMINAL FOR BUSBAR SYSTEMS 60MM TYPE OF ASSIGNMENT 2,IQ = 150KA (ALSO FULFILLS TYPE OF ASSIGNMENT 1) 1NO+1NC (CONTACTOR)

product brand name SIRIUS product designation onort.based toad feeders 3RA2 design of the product direct starter manufacturer's article number sRV2021-1AAD of the supplied broactor SRV2021-1AAD of the supplied broactor stapter SRV2021-1AAD of the supplied broactor stapter SRV2021-1AAD of the supplied broactor stapter SRV2021-1AAD size of the circult-breaker SR size of the direcult degree of pollution S size of the direcult degree of pollution S surge voltage resistance rated value 6RV shock resistance according to IEC 60068-2-27 Gg /11 ms mechanical service life (operating cycles) of contactor typical 100 000 000 type of assignment 20 StMC subtance name Lead - 7439-92-1 Weight 1056 kg Ambient conditions 3	5-3	
design of the product direct starter manufacturor's article number sRT2024-1AK80 • of the supplied circuit-breakers sRT2024-1AK80 • of the supplied circuit-breakers sRT2024-1AK80 • of the supplied incuit-breakers sRT2024-1AK80 • of the supplied incuit-breakers sRT2024-1AK80 • of the supplied ink module sRT2024-1AK00 Cenaral tochnical data sRT2024-1AK00 Cenaral tochnical service S0 size of the dirout-breaker S0 size of the dirout-breaker S0 surge voltage resistance rated value 6 kV shotk resistance acroding to IEC 60068-227 6g / 11 ms mechanical service life (operating cycles) of contactor typical 100 0000 type of assignment 2 Subtance Prohibitance (Date) 100/12/009 SVHC substance name Lead-7439-92-1 Weight 1.056 kg Anbient conditions </th <th>product brand name</th> <th>SIRIUS</th>	product brand name	SIRIUS
manufacturer's article number BRT2024-1AK60 • of the supplied contactor BRT2024-1AK60 • of the supplied directiveneaters BRV2024-1AK00 • of the supplied ink module BRA2021-1AA00 Ceneral technical data BRX2021-1AA00 Size of the circuit-breaker S0 size of the circuit-breaker S0 product extension auxiliary switch Yes insulation voltage with degree of pollution 3 at AC rated value 680 V degree of pollution 3 sup or object resistance rated value 6 kV shock resistance according to ECE 60068-227 6g / 11 ms mechanical service life (operating cycles) of contactor typical 10 000 000 type of assignment 2 Substance Prohibitance (Date) 10/07/2009 SVHC substance name Lead - 7439-92-1 Weight 1.056 kg Ambient conditions ambient conditions ambient conditions 20+60 °C • during storage -50+80 °C • during resport -50+80 °C • during resport -50+80 °C • during resports -50+80 °C • during resports value current of the current- -710 A feeting over add value 690 V • rated value <td< th=""><th>product designation</th><th>non-fused load feeders 3RA2</th></td<>	product designation	non-fused load feeders 3RA2
• of the supplied contactor SRT2024-1AK60 • of the supplied circuit-breakers SRV2021-1AA0 • of the supplied link module SRV2021-1AA0 • of the supplied link module SRV2021-1AA0 contrait schnical data SRV2021-1AA0 contrait schnical data SRV2021-1AA0 contrait schnical data SRV201-1AA0 contrait schnical data SRV201-1AA0 size of tac freeder SR size of tac freeder SR size of tac freeder SR insulation voltage with degree of pollution 3 at AC rated value 98 V degree of pollution 3 surge voltage resistance rated value 6 kV shock resistance according to IEC 60066-2-27 6g /11 ms mechanical service life (operating cycles) of contactor typical 10 000 000. type of assignment 2 Style stance name Lead - 7439-92-1 Weight 1.056 kg Ambient temperature - • during transport -20+60 °C • during operation -20+80 °C • during transport -50	design of the product	direct starter
• of the supplied circuit-breakers BRV2021-1JA10 • of the supplied link module BRA2921-1JA10 • of the supplied link module BRA2921-1JA10 size of the circuit-breaker S0 size of the circuit-breaker S0 size of the detar S0 product extension auxillary switch Yes insulation voltage with degree of pollution 3 at AC rated value 690 V degree of pollution 3 surge voltage resistance rated value 64V shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical 10 000 000 type of assignment 2 Substance Prohibitance (Date) 100/12009 SWHC substance name Lead - 7439-92-1 Weight 1.056 kg Ambient conditions -20 +60 °C • during operation -20 +60 °C • during transport -20 +60 °C	manufacturer's article number	
of the supplied busbar adapter of the supplied link module SPA26221-1AA00 Ceneral technical data Size of the circuit-breaker S0 size of load feeder S0 surge voltage with degree of pollution 3 at AC rated value 680 V degree of pollution S surge voltage resistance rated value 64V shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical 10000 000 type of assignment 2 Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.056 kg Ambient conditions adjustable current circuit 3 design of the switching contact electromechanical design of the switching contact electromechanical adjustable current response value current of the current- dependent overload release fo0 V eat AC-3 rated value 85 A operating frequency rated value 85 A operating frequency rated value 4000 W e at AC-3 at 400 V rated value 4000 W	 of the supplied contactor 	<u>3RT2024-1AK60</u>
of the supplied link module General technical dat Size of the circuit-breaker So size of load feeder So product extension auxiliary switch Yes Insulation voltage with degree of pollution 3 at AC rated value 690 V degree of pollution 3 at AC rated value 64.V shock resistance according to EC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical 10 000 000 type of assignment 2 Substance Prohibitance (Date) 100/1/2009 SVHC substance name Lead - 7439-92-1 Weight during operation -20 +60 °C during storage -50 +80 °C during storage -50 +80 °C during storage -50 +80 °C during transport during transport during transport -50 +80 °C during transport size of the switching contact electromechanical during transport -50 +80 °C during transport size of the switching contact electromechanical electromechan	 of the supplied circuit-breakers 	<u>3RV2021-1JA10</u>
General technical data S0 size of the circuit-breaker S0 size of toad 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 according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical 10 000 000 type of assignment 2 Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.056 kg Ambient temperature -60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C • during transport -50 +80 °C mumber of poles for main current circuit 3 design of the switching contact electromechanical adjustable current response value current of the current-dependent vortoad release 7 10 A operating frequency rated value 50 60 Hz operating requency rated value 50 60 Hz operating frequency rated value 50 60 Hz operating power at AC-3 4000 V operating prequency rated value 500 W <th> of the supplied busbar adapter </th> <th><u>8US1251-5NT10</u></th>	 of the supplied busbar adapter 	<u>8US1251-5NT10</u>
size of the circuit-breaker S0 size of load feeder S0 product extension auxiliary switch Yes insulation voitage 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 assignment 2 Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.056 kg Ambient conditions -20 +60 °C ambient temperature -20 +60 °C • during operation -20 +80 °C • during transport -50 +80 °C Main circuit 3 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 690 V • at AC-3 rated value 690 V • at AC-3 rated value 690 V • at AC-3 rated value 50 60 Hz operating power at AC-3 600 V • at AO V rated value 5.50 W	 of the supplied link module 	<u>3RA2921-1AA00</u>
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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 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 assignment 2 Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.056 kg Ambient conditions -20 +60 °C ambient temperature -50 +80 °C • during operation -50 +80 °C • during transport -50 +80 °C Main circuit 3 number of poles for main current circuit 3 design of the switching contact electromechanical adjustable current response value current of the current- -7 10 A operating voltage 690 V • at AC-3 rated value 690 V • at AOU rated value 50 60 Hz operating power at AC-3 -60 UV • at 400 V rated value 500 W	size of the circuit-breaker	SO
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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 assignment 2 Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.056 kg Ambient conditions ambient temperature • during storage -50 + 60 °C • during transport -50 + 80 °C Main circuit 3 design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release 690 V operating voltage 690 V • at AC-3 rated value 690 V • at 400 V rated value 85 A operating power at AC-3 4000 V rated value • at 400 V rated value 500 W	insulation voltage with degree of pollution 3 at AC rated value	690 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 assignment 2 Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.056 kg Ambient conditions ambient temperature • during operation -20 +60 °C • during transport -50 +80 °C • during transport -50 +80 °C • during transport -50 +80 °C • during transport -70 +80 °C mumber of poles for main current circuit 3 design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release 690 V • at AC-3 rated value 690 V • at AC-3 rated value 50 60 Hz operating power at AC-3 400 V rated value operating power at AC-3 400 V vated value • at 400 V rated value 500 W	degree of pollution	3
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type of assignment 2 Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.056 kg Ambient conditions ambient temperature • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C Main circuit 3 design of the switching contact electromechanical adjustable current response value current of the current- dependent overload release 7 10 A operating voltage 690 V • at AC-3 rated value 50 60 Hz operating power at AC-3 • at 400 V rated value 8.5 A operating power at AC-3 • at 400 V rated value 500 W	shock resistance according to IEC 60068-2-27	6g / 11 ms
Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.056 kg Ambient conditions ambient temperature • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C Main circuit 3 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 7 10 A operating voltage 690 V • at AC-3 rated value 50 60 Hz operating power at AC-3 4000 V operating power at AC-3 4000 W • at 400 V rated value 5 500 W	mechanical service life (operating cycles) of contactor typical	10 000 000
SVHC substance name Lead - 7439-92-1 Weight 1.056 kg Ambient conditions	type of assignment	2
Weight 1.056 kg Ambient conditions ambient temperature • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C Main circuit 3 number of poles for main current circuit 3 design of the switching contact electromechanical adjustable current response value current of the current- 7 10 A operating voltage 690 V • at AC-3 rated value 690 V • at AC-3 rated value 50 60 Hz operating frequency rated value 8.5 A operating power at AC-3 4000 W • at 400 V rated value 4 000 W • at 500 V rated value 5 500 W	Substance Prohibitance (Date)	10/01/2009
Ambient conditions ambient temperature • during operation • during storage • during transport -50 +80 °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 690 V operating frequency rated value operating frequency rated value operating power at AC-3 • at 400 V rated value st 500 V at 500 V rated value	SVHC substance name	Lead - 7439-92-1
ambient temperature -20 +60 °C • during operation -50 +80 °C • during transport -50 +80 °C Main circuit 3 mumber of poles for main current circuit 3 design of the switching contact electromechanical adjustable current response value current of the current- dependent overload release 7 10 A operating voltage 690 V • at AC-3 rated value maximum 690 V operating frequency rated value 50 60 Hz operating power at AC-3 4 000 W • at 400 V rated value 5 500 W	Weight	1.056 kg
• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °CMain circuit3number of poles for main current circuit3design of the switching contactelectromechanicaladjustable current response value current of the current- dependent overload release7 10 Aoperating voltage690 V• rated value690 V• at AC-3 rated value maximum690 Voperating frequency rated value50 60 Hzoperating power at AC-3-60 Hzoperating power at AC-3-• at 400 V rated value5500 W	Ambient conditions	
• during transport-50 +80 °C• during transport-50 +80 °CMain circuit-50 +80 °Cnumber of poles for main current circuit3design of the switching contactelectromechanicaladjustable current response value current of the current- dependent overload release7 10 Aoperating voltage-• rated value690 V• at AC-3 rated value maximum690 Voperating frequency rated value50 60 Hzoperating power at AC-38.5 Aoperating power at AC-3-• at 400 V rated value4 000 W• at 500 V rated value5500 W	ambient temperature	
• during transport-50 +80 °CMain circuit3number of poles for main current circuit3design of the switching contactelectromechanicaladjustable current response value current of the current- dependent overload release7 10 Aoperating voltage690 V• rated value690 V• at AC-3 rated value maximum690 Voperating frequency rated value50 60 Hzoperating power at AC-38.5 A• at 400 V rated value4 000 W• at 500 V rated value5 500 W	 during operation 	-20 +60 °C
Main circuit 3 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 7 10 A operating voltage 690 V • 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 8.5 A operating power at AC-3 4 000 W • at 400 V rated value 5 500 W	 during storage 	-50 +80 °C
number of poles for main current circuit3design of the switching contactelectromechanicaladjustable current response value current of the current- dependent overload release7 10 Aoperating voltage690 V• rated value690 V• at AC-3 rated value maximum690 Voperating frequency rated value50 60 Hzoperating power at AC-38.5 A• at 400 V rated value4 000 W• at 500 V rated value5 500 W	during transport	-50 +80 °C
design of the switching contactelectromechanicaladjustable current response value current of the current- dependent overload release7 10 Aoperating voltage-• rated value690 V• at AC-3 rated value maximum690 Voperating frequency rated value50 60 Hzoperating power at AC-3 at 400 V rated value8.5 Aoperating power at AC-3-• at 400 V rated value4 000 W• at 500 V rated value5 500 W	Main circuit	
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dependent overload releaseoperating voltage• rated value690 V• at AC-3 rated value maximum690 Voperating frequency rated value50 60 Hzoperational current at AC-3 at 400 V rated value8.5 Aoperating power at AC-34 000 W• at 400 V rated value5 500 W	design of the switching contact	electromechanical
• rated value690 V• at AC-3 rated value maximum690 Voperating frequency rated value50 60 Hzoperational current at AC-3 at 400 V rated value8.5 Aoperating power at AC-34 000 W• at 400 V rated value5 500 W		7 10 A
• at AC-3 rated value maximum690 Voperating frequency rated value50 60 Hzoperational current at AC-3 at 400 V rated value8.5 Aoperating power at AC-34 000 W• at 400 V rated value5 500 W	operating voltage	
operating frequency rated value50 60 Hzoperational current at AC-3 at 400 V rated value8.5 Aoperating power at AC-34 000 W• at 400 V rated value4 000 W• at 500 V rated value5 500 W	rated value	690 V
operational current at AC-3 at 400 V rated value 8.5 A operating power at AC-3 4 000 W • at 400 V rated value 4 000 W • at 500 V rated value 5 500 W	 at AC-3 rated value maximum 	690 V
operating power at AC-3 4 000 W • at 400 V rated value 4 000 W • at 500 V rated value 5 500 W	operating frequency rated value	50 60 Hz
at 400 V rated value 4 000 W at 500 V rated value 5 500 W	operational current at AC-3 at 400 V rated value	8.5 A
• at 500 V rated value 5 500 W	operating power at AC-3	
	• at 400 V rated value	4 000 W
• at 690 V rated value 7 500 W	• at 500 V rated value	5 500 W
	• at 690 V rated value	7 500 W

Control circuit/ Control	
control supply voltage at AC	
• at 50 Hz rated value	110 V
at 60 Hz rated value	120 V
apparent holding power of magnet coil at AC	8.5 VA
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
conditional short-circuit current (lq)	
• at 690 V according to IEC 60947-4-1 rated value	4 000 A
• at 400 V according to IEC 60947-4-1 rated value	153 000 A
• at 500 V according to IEC 60947-4-1 rated value	42 000 A
Installation/ mounting/ dimensions	
mounting position	vertical
for a formal second descent	for an and a CO mark hard to the
fastening method	for snapping onto 60 mm busbar systems
height	260 mm
height	260 mm 45 mm
height width depth	260 mm
height width depth required spacing	260 mm 45 mm
height width depth required spacing • for grounded parts	260 mm 45 mm 155 mm
height width depth required spacing • for grounded parts — forwards	260 mm 45 mm 155 mm 10 mm
height width depth required spacing • for grounded parts — forwards — backwards	260 mm 45 mm 155 mm 10 mm 0 mm
height width depth required spacing • for grounded parts — forwards	260 mm 45 mm 155 mm 10 mm
height width depth required spacing • for grounded parts — forwards — backwards — upwards	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm 10 mm
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm 10 mm
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards • for live parts — backwards	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — upwards — upwards • for live parts — upwards — upwards	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm 30 mm
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — upwards — downwards — downwards — downwards — downwards — downwards — downwards	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 30 mm 10 mm 10 mm 10 mm 10 mm
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — upwards — downwards — at the side — downwards — at the side — upwards — upwards — upwards — at the side	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 30 mm 10 mm 30 mm 10 mm
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — at the side — downwards — forwards — at the side — upwards — at the side — downwards — at the side Connections/ Terminals	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 30 mm 10 mm 9 mm 30 mm 10 mm 9 mm
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — of orwards — at the side — 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	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm 30 mm 10 mm 9 mm 10 mm 9 mm 10 mm 9 mm 10 mm 9 mm 10 mm
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — forwards — downwards — backwards — upwards — downwards — 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	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 10 mm 30 mm 10 mm 9 mm 10 mm 30 mm 10 mm 2 mm 30 mm 10 mm 2 mm 30 mm 10 mm 2 mm 30 mm
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — obackwards — at the side — downwards • for live parts — forwards — backwards — upwards — downwards — 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	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 10 mm 30 mm 10 mm 9 mm 10 mm 30 mm 10 mm 2 mm 30 mm 10 mm 2 mm 30 mm 10 mm 2 mm 30 mm
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — of orwards — backwards — backwards — upwards — downwards — backwards — upwards — downwards — other 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	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm 30 mm 10 mm 9 mm 30 mm 10 mm 9 mm 10 mm 9 mm 10 mm 10 mm 9 mm 10 mm ² , 2x (2.5 6 mm ²) 1 6 mm ²
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — obackwards — of proverds — at the side — downwards • for live parts — forwards — backwards — upwards — downwards — 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	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm 30 mm 10 mm 9 mm 10 mm ² , 2x (2.5 6 mm ²) 1 6 mm ²
height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — backwards — backwards — upwards — backwards — upwards — downwards — 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	260 mm 45 mm 155 mm 10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm 30 mm 30 mm 10 mm 9 mm 10 mm 10 mm 9 mm 10 mm ² , 2x (2.5 6 mm ²) 1 6 mm ²

Approvals Certificates					
General Product Appr	oval				For use in hazard- ous locations
CE EG-Konf.	UK CA	<u>Confirmation</u>	(UL)	EHC	KEx ATEX
Test Certificates		Marine / Shipping			
<u>Special Test Certific-</u> <u>ate</u>	<u>Type Test Certific-</u> ates/Test Report	ABS	BUREAU VERITAS		Lloyd's Register urs
Marine / Shipping			other	Railway	Environment
PRS	RINA	RMMS	<u>Confirmation</u>	Special Test Certific- ate	Environmental Con- firmations
Further information Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 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=3RA2120-1JD24-0AK6 Cax online generator					

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2120-1JD24-0AK6

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RA2120-1JD24-0AK6

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

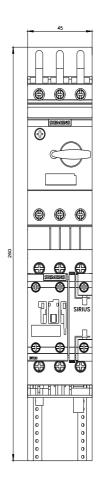
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2120-1JD24-0AK6&lang=en

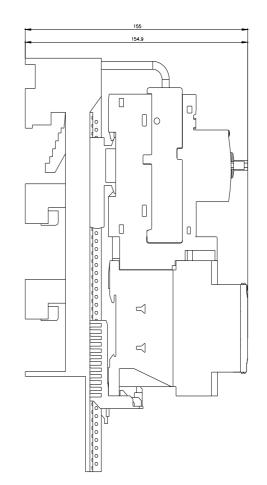
Characteristic: Tripping characteristics, I²t, Let-through current

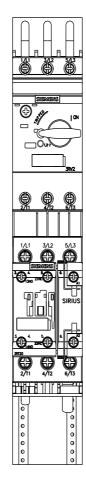
https://support.industry.siemens.com/cs/ww/en/ps/3RA2120-1JD24-0AK6/char

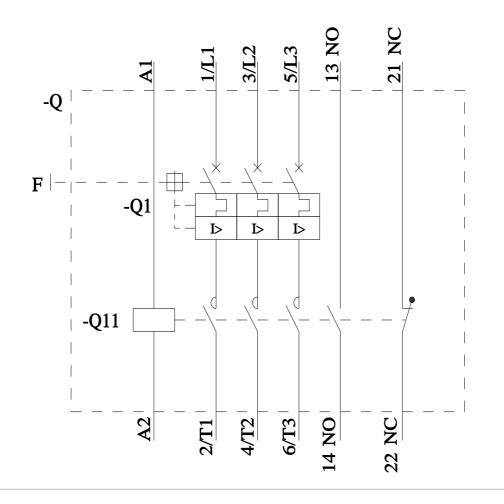
 Further characteristics (e.g. electrical endurance, switching frequency)

 http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2120-1JD24-0AK6&objecttype=14&gridview=view1









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