SIEMENS

Data sheet

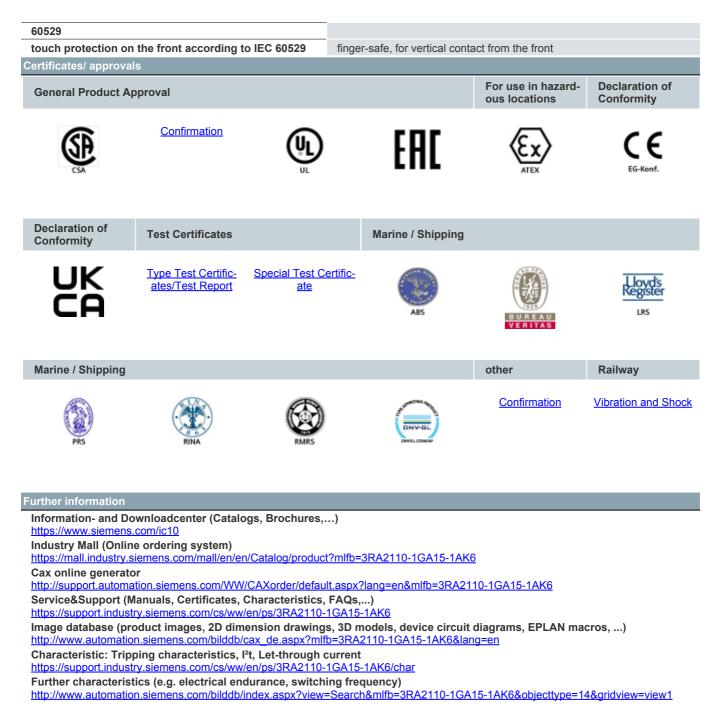
3RA2110-1GA15-1AK6



FUSELESS LOAD FEEDER DIRECT START, AC 400V, SZ. S00 4.5...6.3A, AC 110/120V 50/60HZ SCREW TERMINAL FOR RAIL MOUNTING, TYPE OF ASSIGNMENT 1,IQ = 150KA 1NO (CONTACTOR)

product brand name	SIRIUS
product designation	non-fused load feeders 3RA2
design of the product	direct starter
manufacturer's article number	
 of the supplied contactor 	<u>3RT2015-1AK61</u>
 of the supplied circuit-breakers 	<u>3RV2011-1GA10</u>
 of the supplied link module 	<u>3RA1921-1DA00</u>
General technical data	
size of the circuit-breaker	S00
size of load feeder	S00
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 (switching cycles) of contactor typical	30 000 000
type of assignment	1
Substance Prohibitance (Date)	10/01/2009
Ambient conditions	
ambient temperature	
 during operation 	-20 +60 °C
 during storage 	-50 +80 °C
 during transport 	-50 +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	4.5 6.3 A
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	4.9 A
operating power at AC-3	
	2 200 \\\\
 at 400 V rated value 	2 200 W
at 400 V rated valueat 500 V rated value	3 000 W

control supply voltage at AC 110 V • at 60 kr rated value 120 V apparent holding power of magnet coll at AC 42 V/A Protective and nonitoring functions 110 V trip class CLASS 10 design of the overload release nermal (timetallic) response value curret of instantaneous short-clicuit trip 81.9 A vulleSA rated value 4.8 A • at 600 V rated value 6.1 A yielded mechanical performance [np] 6.1 A vulleSA rated value 0.25 hp • at 600 V rated value 0.5 hp • or anje-phase AC motor - at 110/120 V rated value - at 20230 V rated value 1 hp - at 20230 V rated value 3 hp - at 40480 V rated value 3 hp - at 40480 V rated value 1 hp - at 40048 V rated value 1 hp - at 20230 V rated value 1 hp - at 400480 V rated value 1 hp - at 600480 V rated value 1 hp - at 600480 V rated value 100 000 A et 600 V rated value 100 000 A et 600 V rated value 100 000 A <td< th=""><th></th><th></th></td<>		
• 16 0 Hz rated value 120 V apparent holding power of magnet coll at AC 24 VA Protective and monitoring functions CLASS 10 trip class CLASS 10 design of the overload release thermal (binetalle). response value current of instantaneous short-circuit trip unit 81 9 A ULCSA ratings ULCSA ratings ULCSA ratings 4.8 A • et 600 V rated value 6.1 A • et 600 V rated value 0.5 hp • at 2002200 V rated value 0.5 hp • at 2002200 V rated value 1.5 hp • at 400 V according to IEC 60947.4-1 rated value 1.5 hp • at 400 V according to IEC 60947.4-1 rated value 1.0 000 A • at 600 V baccording to IEC 60947.4-1 rated value 1.0 000 A • at 600 V according to IEC 60947.4-1 rated value 1.0 000 A • at 600 V according to IEC 60947.4-1 rated value 1.0 000 A • at 600 V according to IEC 60947.4-1 rated value 1.0 000 A • at 600 V according to IEC 60947.4-1 rated value 1.0 000 A • at 600 V according to IEC 60947.4-1 rated value 1.0 000 A • at 600 V according to IEC 60947.4-1 rated	control supply voltage at AC	440.14
apparent holding power of magnet coil at AC 4.2 VA Protective and monitoring functions trip class CLASS 10 thermal (binetallic) response value current of instantaneous short-circuit trip 81.9 A ULISA ratings thil-odd current (FLA) for 3-phase AC motor - at 400 V rated value 6.1 A yleided methance in permanace (hp) 6.1 A - at 100 V rated value 0.5 hp - at 100 V rated value 0.5 hp - at 400 V rated value 0.5 hp - at 400 V rated value 0.5 hp - at 400 V rated value 1 hp - at 20230 V rated value 1 hp - at 20230 V rated value 1 hp - at 40480 V rated value 1 hp - at 40480 V rated value 1 hp - at 40480 V rated value 1 hp - at 4050 V rated value 1 hp - at 4050 V rated value 1 hp - at 4050 V rated value 1 hp - at 450 V according to IEC 600474-1 rated value 100 000 A Installation functional filter 600474-1 rated value 100 000 A Installation functional filte		
Protective and monitoring functions CLASS 10 design of the overload release thermal (bimetallic) response value current of Instantaneous short-circuit frip unit 51.8 A ULCSA variangs 51.8 A ULCSA variangs 61.1 A vield mechanical performance (hp) 61.1 A • of or single-phase AC motor 6.1 A		
Trip class CLASS 10 design of the overload release thermal (bimetallic) ideal thermal (bimetallic) ideal 51.9 A VLICSA ratings 51.9 A VLICSA ratings 61.9 A VLICSA ratings 61.9 A VLICSA ratings 61.9 A VLICSA ratings 61.4 A • at 600 V rated value 6.1 A • of single-phase AC motor - - = at 202020 V rated value 0.5 hp • of a single-phase AC motor - - = at 202020 V rated value 1 hp - = at 202020 V rated value 1 hp - = at 202020 V rated value 5 hp Short-Circuit protection Yes design of the short-circuit fly magnetic conditional short-circuit protection Yes design of the short-circuit fly magnetic conditional short-circuit fly magnetic etation/ mounting dimensions Yes design of the sorcarding to EC C0847-4-1 rated value 130 00 A etatatolor/ mounting/ dimensions Yes		4.2 VA
design of the overload release thermal (binetallic) response value current of instantaneous short-circuit trip 61.9 A ULCSA ratings full-load current (FLA) for 3-phase AC motor 4.8 A • at 480 V rated value 4.8 A • at 680 V rated value 6.1 A • for single-phase AC motor 0.5 hp • at 200/208 V rated value 0.5 hp • at 200/208 V rated value 1.5 hp - at 200/208 V rated value 5.5 hp Short-circuit protection 78 s design of the short-circuit trip magnetic conditional short-circuit trip 153 000 A • at 600 V according to EC 6087-4-1 rated value 4000 A • at 600 V according to EC 6087-4-1 rated value 100 000 A issteming method screw and snap-on mounting onto 35 mm standard mounting rall for grounded parts 0 mm - forwards 0 mm - downwards		
response value current of instantaneous short-circuit trip init 81.9 A UL/CSA-ratings III/OSA-ratings Validad current (FLA) for 3-phase AC motor - at 4500 V rated value 4.8 A • at 4500 V rated value 6.1 A • of single-phase AC motor 0.5 hp at 200208 V rated value 0.5 hp • of or 3-phase AC motor 1 hp at 200208 V rated value 0.5 hp at 200208 V rated value 1 hp at 200208 V rated value 3 hp		
unit full-load current (FLA) for 3-phase AC motor • at 480 V rated value 4.8 A • at 600 V rated value 6.1 A yielded mechanical performance [hp] • for single-phase AC motor - at 110/120 V rated value 0.25 hp - at 20230 V rated value 0.5 hp • for 3-phase AC motor 1 hp - at 200230 V rated value 1.5 hp - at 460480 V rated value 5 hp Short-circuit protection Yes design of the short-circuit trip magnetic conditional short-circuit current (q) magnetic • at 400 V according to EC 60947-4-1 rated value 4000 A • at 600 V according to EC 60947-4-1 rated value 153 000 A • at 800 V according to EC 60947-4-1 rated value 150 000 A • at 800 V according to EC 60947-4-1 rated value 150 000 A • at 800 V according to EC 60947-4-1 rated value 150 000 A • at 800 V according to EC 60947-4-1 rated value 160 000 A • at 800 V according to EC 60947-4-1 rated value 160 00 A • at 800 V according to EC 60947-4-1 rated value 167 2 mm • or grounded parts orm • for log paradition		
UCISA ratings full-add current (FLA) for 3-phase AC motor • at 400 V rated value 4.8 A • at 400 V rated value 6.1 A yloided mechanical performance (Ip) • for single-phase AC motor - at 100/120 V rated value 0.25 hp - at 230 V rated value 0.5 hp • for 3-phase AC motor 1 hp - at 200208 V rated value 1.5 hp - at 4004050 V rated value 1.5 hp - at 57x600 V rated value 5 hp Short-circuit protection Yes design of the short-circuit current (lq) • at 600 V according to EC 60947-4-1 rated value • at 600 V according to EC 60947-4-1 rated value 100 000 A Installation/ mounting/ dimensions magnetic mounting position vertical required spacing • for grounded parts - for wards 0 mm - backwards 0 mm - ackwards 0 mm - backwards		81.9 A
full-odd current (FLA) for 3-phase AC motor 4.8 A • at 800 V rated value 6.1 A yielded mechanical performance [hp] 6.1 A • for single-phase AC motor 0.25 hp - mt 110/120 V rated value 0.25 hp - mt 230 V rated value 0.5 hp • for single-phase AC motor 1 hp - mt 2300/20 V rated value 0.5 hp - mt 2302/20 V rated value 1.5 hp - mt 460/480 V rated value 3 hp - mt 460/480 V rated value 5 hp Short-circuit protection Yes design of the short-circuit protection Yes muting position Yes destation/mounting dim		
• at 480 V rated value 4.8 A • at 600 V rated value 6.1 A • (or single-phase AC motor - at 2020 V rated value 0.25 hp • or 3-phase AC motor - at 202020 V rated value 0.5 hp		
• at 600 V rated value 6.1 A yleided mechanical parformance (hp) • of single-phase AC motor - at 110/120 V rated value 0.25 hp - at 220/230 V rated value 0.5 hp • for 3-phase AC motor 1 hp - at 220/230 V rated value 1 hp - at 460/480 V rated value 1 hp - at 460/480 V rated value 3 hp - at 460/480 V rated value 3 hp - at 460/480 V rated value 5 hp Short-circuit protection was geign of the short-circuit protection was • at 600 V according to IEC 60947-4-1 rated value 153 000 A • at 600 V according to IEC 60947-4-1 rated value 100 000 A • at 600 V according to IEC 60947-4-1 rated value 100 000 A • at 600 V according to IEC 60947-4-1 rated value 100 000 A • at 600 V according to IEC 60947-4-1 rated value 167 2 mm mounting position vertical fastaning method screw was disap-on mounting onto 35 mm standard mounting rail height 167 2 mm width 45 mm - onwards 0 mm - pavards 0 mm - at the side 9 mm - onwards 0 mm - at the side 9 mm Connectable conductor cross		4.0.4
yielded mechanical performance [hp] for single-phase AC motor - at 230 V rated value - bit 20/208 V rated value - at 200/208 V rated value - at 60/408 V rated value - at 67/5600 V rated value - at 600 V according to IEC 60047-4-1 rated value - at 400 V according to IEC 60047-4-1 rated value - at 600 V according to IEC 60047-4-1 rated value - at 600 V according to IEC 60047-4-1 rated value - at 600 V according to IEC 60047-4-1 rated value - at 600 V according to IEC 60047-4-1 rated value - at 600 V according to IEC 60047-4-1 rated value - at 600 V according to IEC 60047-4-1 rated value - at 600 V according to IEC 60047-4-1 rated value - at 600 V according to IEC 60047-4-1 rated value - forwards - mm - packwards - mm - backwards - mm - backwards - mm - backwards - mm - at the side - mm - at the side - mm - backwards - mm - at the side - mm - at the side<td></td><td></td>		
 for single-phase AC motor - at 110/120 V rated value 0.5 hp for 3-phase AC motor - at 220 V rated value 0.5 hp for 3-phase AC motor - at 220/280 V rated value 1.5 hp - at 220/280 V rated value - at 220/280 V rated value - at 220/280 V rated value - at 460/480 V rated value - at 450/480 V rated value - at 400 V according to IEC 60947-4-1 rated value - at 500 V according to IEC 60947-4-1 rated value - at 500 V according to IEC 60947-4-1 rated value - at 500 V according to IEC 60947-4-1 rated value - at 500 V according to IEC 60947-4-1 rated value - at 500 V according to IEC 60947-4-1 rated value - at 500 V according to IEC 60947-4-1 rated value - at 500 V according to IEC 60947-4-1 rated value - for wards - for wards - for grounding at 160 - for wards - for wards - for grounded parts - for grounded parts - forwards - forwards<td></td><td>6.1 A</td>		6.1 A
• for 3-phase AC motor 1 hp - at 200/200 V rated value 1 hp - at 200/200 V rated value 3 hp - at 450/480 V rated value 3 hp - at 575/800 V rated value 5 hp Short-circuit protection Yes design of the short-circuit crent (ig) magnetic conditional short-circuit crent (ig) magnetic e at 600 V according to IEC 60947-4.1 rated value 4 000 A • at 600 V according to IEC 60947-4.1 rated value 153 000 A • at 600 V according to IEC 60947-4.1 rated value 160 000 A Installator mounting rol IEC 60947-4.1 rated value 163 000 A • at 600 V according to IEC 60947-4.1 rated value 160 000 A Installator mounting rol IEC 60947-4.1 rated value 160 000 A Installator mounting rol IEC 60947-4.1 rated value 167 2 mm mounting position screw and snap-on mounting onto 35 mm standard mounting rail height 97.1 mm required spacing • for wards • for wards 0 mm - backwards 0 mm - at the side 9 mm - downwards 10 mm </td <td></td> <td></td>		
- at 200/208 V rated value 1 hp - at 220/200 V rated value 1.5 hp - at 400/400 V rated value 5 hp Short-circuit protection magnetic conditional short-circuit current (lq) magnetic - at 400 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 600 V according to IEC 60947-4.1 rated value 153 000 A - at 600 V according to IEC 60947-4.1 rated value 153 000 A - at 600 V according to IEC 60947-4.1 rated value 153 000 A - at 600 V according to IEC 60947-4.1 rated value 153 000 A - at 600 V according to IEC 60947-4.1 rated value 153 000 A - at 600 V according to IEC 60947-4.1 rated value 153 000 A - at 500 V according to IEC 60947-4.1 rated value 153 000 A - forwards 0 mm - forwards 0 mm - forwards 0 mm - forwards 0 mm - at the side 9 mm - downwards 0 mm		0.5 hp
- at 220/230 V rated value 1.5 hp - at 260/230 V rated value 3 hp - at 260/200 V rated value 3 hp Short-circuit protection Yes design of the short-circuit try magnetic conditional short-circuit current (lq) • at 600 V according to IEC 60947-4-1 rated value 4 000 A • at 600 V according to IEC 60947-4-1 rated value 105 000 A • at 500 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value 100 000 A • at 600 V according to IEC 60947-4-1 rated value mounting position vertical screw and snap-on mounting onto 35 mm standard mounting rail height 167.2 mm width 45 mm depth 97.1 mm required spacing • for grounded parts - forwards 0 mm - backwards 0 mm - at the side 9 mm - downwards 10 mm - forwards 0 mm - downwards 0 mm		
Short-circuit protection Yes product function short circuit trip magnetic conditional short-circuit trip magnetic conditional short-circuit current (Iq) e at 690 V according to IEC 60947-4-1 rated value 4 000 A e at 300 V according to IEC 60947-4-1 rated value 153 000 A e at 500 V according to IEC 60947-4-1 rated value 100 000 A Installation/ mounting/ dimensions vertical mounting position screw and snap-on mounting onto 35 mm standard mounting rail height 167.2 mm width 45 mm depth 97.1 mm required spacing omm • for grounded parts 0 mm - backwards 0 mm - upwards 20 mm - downwards 10 mm • for live parts 0 mm - downwards 0 mm - at the side 9 mm - downwards 0 mm - at the side 9 mm Connectable conductor cross-sections 0.5 4 mm², 2x (0.75 2.5 mm²) • for main contacts stranded 0.5 4 mm², 2x (0.75 2.5 mm²) • at AWG cables for main contacts 0.5 4 mm², 2x (0.75 2.5 mm²) • for abuse the inde cording to SN 31920 100 000 Pype of electad cable 0.5		
product function short circuit protection Yes design of the short-circuit trip magnetic conditional short-circuit current (Iq) at 690 V according to IEC 60947-4-1 rated value 4 000 A at 690 V according to IEC 60947-4-1 rated value 153 000 A 100 000 A installation/ mounting/dimensions vertical screw and snap-on mounting onto 35 mm standard mounting rail height 167.2 mm 45 mm width 45 mm 45 mm depth 97.1 mm 97.1 mm required spacing 0 mm 20 mm • for grounded parts 0 mm 20 mm - at the side 9 mm 100 mm 0 mm - downwards 0 mm 20 mm 20 mm - at the side 9 mm 10 mm 0 mm - backwards 0 mm 20 mm 20 mm - at the side 9 mm 20 mm 20 mm - at the side 9 mm 20 mm 20 mm - at the side 9 mm 20 mm 20 mm - at the side 9 mm 20 mm<		5 hp
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conditional short-circuit current (lq) 4 000 A • at 690 V according to IEC 60947-4-1 rated value 153 000 A • at 800 V according to IEC 60947-4-1 rated value 100 000 A • at 800 V according to IEC 60947-4-1 rated value 100 000 A Installation/ mounting/ dimensions vertical mounting position vertical fastening method screw and snap-on mounting onto 35 mm standard mounting rail height 167.2 mm width 45 mm depth 97.1 mm required spacing 0 mm - forwards 0 mm - at the side 9 mm - downwards 10 mm - downwards 0 mm <td></td> <td>Yes</td>		Yes
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• 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 100 000 A Installation/mounting/ dimensions 100 000 A fastening method screw and snap-on mounting onto 35 mm standard mounting rail height 167.2 mm width 45 mm dopth 97.1 mm required spacing 0 mm - forwards 0 mm - packwards 0 mm - downwards 10 mm - downwards 0 mm - at the side 9 mm - downwards 0 mm - at the side 9 mm - downwards 0 mm - at the side 9 mm - downwards 0 mm - at the side 9 mm Connectable conductor cross-sections 0 mm - downwards 0 mm - at the side 9 mm Vpe of electrical connection		
• at 500 V according to IEC 60947-4-1 rated value 100 000 A Installation/ mounting/ dimensions vertical mounting position screw and snap-on mounting onto 35 mm standard mounting rail height 167.2 mm width 45 mm depth 97.1 mm required spacing • • for grounded parts 0 mm - backwards 0 mm - backwards 20 mm - at the side 9 mm - forwards 0 mm - forwards 0 mm - forwards 0 mm - at the side 9 mm - forwards 0 mm - forwards 0 mm - downwards 10 mm - forwards 0 mm - at the side 9 mm - downwards 10 mm - at the side 9 mm Connections/ Terminals screw-type terminals type of ellectrical connection for main current circuit screw-type terminals type of connectable conductor cross-sections 0.5 4 mm², 2x (0.75 2.5 mm²) • at AWG cables for main contacts 2X (20 16), only for	-	4 000 A
Installation/ mounting/ dimensions vertical mounting position screw and snap-on mounting onto 35 mm standard mounting rail height 167.2 mm width 45 mm depth 97.1 mm required spacing - forwards 0 mm - backwards 0 mm - backwards 0 mm - at the side 9 mm - downwards 10 mm - forwards 0 mm - at the side 9 mm - downwards 10 mm - forwards 0 mm - downwards 10 mm - upwards 20 mm - downwards 0 mm - at the side 9 mm Oconnections/ Terminals 20 mm - at the side 9 mm - at the side 9 mm - downwards 10 mm - at the side <t< td=""><td></td><td>153 000 A</td></t<>		153 000 A
mounting position vertical fastening method screw and snap-on mounting onto 35 mm standard mounting rail height 167.2 mm width 45 mm depth 97.1 mm required spacing • • for grounded parts 0 mm — forwards 0 mm — backwards 0 mm — upwards 20 mm — at the side 9 mm — oforwards 0 mm — downwards 10 mm • for live parts 0 mm — downwards 10 mm • downwards 10 mm — at the side 9 mm — downwards 10 mm — at wards 20 mm — upwards 20 mm — downwards 10 mm — at the side 9 mm 2 downwards 10 mm — at the side 9 mm Step of electrical connection for main current circuit screw-type terminals type of electrical connectable conductor cross-sections 6 for main contacts stranded 0.5	_	100 000 A
fastening method screw and snap-on mounting onto 35 mm standard mounting rail height 167.2 mm width 45 mm depth 97.1 mm required spacing • for grounded parts - forwards 0 mm - backwards 0 mm - upwards 20 mm - at the side 9 mm - downwards 10 mm - forwards 0 mm - downwards 10 mm - backwards 0 mm - downwards 10 mm - backwards 0 mm - downwards 10 mm - backwards 0 mm - at the side 9 mm Connections/ Terminals type of electrical connection for main current circuit type of electrical connecton for main current circuit screw-type terminals type of electrical connecton for main current circuit screw-type terminals type of electrical connecton for main current circuit screw-type terminals type of electrical connecton for main current circuit screw-type terminals type of electrical connecton for main current circuit screw-type terminals ty	Installation/ mounting/ dimensions	
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width 45 mm depth 97.1 mm required spacing • for grounded parts - forwards 0 mm - backwards 0 mm - upwards 20 mm - at the side 9 mm - downwards 10 mm - forwards 0 mm - downwards 10 mm - forwards 0 mm - downwards 10 mm - backwards 0 mm - backwards 0 mm - backwards 0 mm - downwards 10 mm - downwards 10 mm - at the side 9 mm Connections/ Terminals 20 mm type of electrical connection for main current circuit screw-type terminals type of connectable conductor cross-sections 0.5 4 mm², 2x (0.75 2.5 mm²) • at AWG cables for main contacts 2x (20 16), only for contactor 2x (18 14), 2x 12 connectable conductor cross-section for main contacts 2x (20 16), only for contactor 2x (18 14), 2x 12 connectable conductor cross-section for main contacts 2.5 2.5 mm² Safety related data 1 000 000 </td <td>mounting position</td> <td>vertical</td>	mounting position	vertical
depth 97.1 mm required spacing • for grounded parts - forwards 0 mm - backwards 0 mm - backwards 0 mm - upwards 20 mm - at the side 9 mm - downwards 10 mm • for live parts 0 mm - forwards 0 mm - downwards 0 mm - backwards 0 mm - backwards 0 mm - backwards 0 mm - downwards 10 mm - at the side 9 mm Connections/ Terminals screw-type terminals type of electrical connection for main current circuit screw-type terminals type of connectable conductor cross-sections 0.5 4 mm², 2x (0.75 2.5 mm²) • at AWG cables for main contacts 2x (20 16), only for contactor 2x (18 14), 2x 12 connectable conductor cross-section for main contacts 0.5 2.5 mm² inely stranded with core end processing 0.5 2.5 mm² Safety related data 1 000 000 proportion of dangerous failures with high demand rate according to SN 31920 1 000 000 proportion of dangerous failures with high demand rate according to SN 31920 1 000 000	fastening method	screw and snap-on mounting onto 35 mm standard mounting rail
required spacing • for grounded parts - forwards 0 mm - backwards 0 mm - backwards 0 mm - upwards 20 mm - at the side 9 mm - downwards 10 mm • for live parts 0 mm - forwards 0 mm - backwards 0 mm - backwards 0 mm - backwards 0 mm - downwards 10 mm - downwards 10 mm - at the side 9 mm Connections/ Terminals 10 mm type of electrical connection for main current circuit screw-type terminals type of connectable conductor cross-sections 0.5 4 mm², 2x (0.75 2.5 mm²) • at AWG cables for main contacts 2x (20 16), only for contactor 2x (18 14), 2x 12 connectable conductor cross-section for main contacts 0.5 2.5 mm² Safety related data 1000 000 B10 value with high demand rate according to SN 31920 1000 000 proportion of dangerous failures with high demand rate according to SN 31920 13%	fastening method	screw and snap-on mounting onto 35 mm standard mounting rail
• for grounded parts0 mm- forwards0 mm- backwards0 mm- upwards20 mm- at the side9 mm- at the side9 mm- downwards10 mm- for live parts forwards0 mm- backwards0 mm- backwards0 mm- backwards0 mm- backwards0 mm- upwards20 mm- downwards10 mm- at the side9 mmConnections/ Terminals10 mmtype of electrical connection for main current circuitscrew-type terminalstype of connectable conductor cross-sections0.5 4 mm², 2x (0.75 2.5 mm²)• at AWG cables for main contacts2x (20 16), only for contactor 2x (18 14), 2x 12connectable conductor cross-section for main contacts0.5 2.5 mm²)• at AWG cables for main contacts2x (20 16), only for contactor 2x (18 14), 2x 12connectable conductor cross-section for main contacts0.5 2.5 mm²effety related data1 000 000B10 value with high demand rate according to SN 319201 000 000proportion of dangerous failures with high demand rate according to SN 319201 000 000	fastening method height width	screw and snap-on mounting onto 35 mm standard mounting rail 167.2 mm 45 mm
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