SIEMENS

Data sheet

3RT1056-6AB36-Z X95



power contactor, AC-3 185 A, 90 kW / 400 V AC (50-60 Hz) / DC operation 23-26 V AC/DC auxiliary contacts 2 NO + 2 NC 3-pole, frame size S6 busbar connections drive: conventional reusable packaging = 9 units

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT1
General technical data	
size of contactor	S6
product extension	
 function module for communication 	No
auxiliary switch	Yes
power loss [W] for rated value of the current	
 at AC in hot operating state 	39 W
 at AC in hot operating state per pole 	13 W
 without load current share typical 	5.2 W
surge voltage resistance	
 of main circuit rated value 	8 kV
 of auxiliary circuit rated value 	6 kV
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1	690 V
shock resistance at rectangular impulse	
• at AC	8,5g / 5 ms, 4,2g / 10 ms
• at DC	8,5g / 5 ms, 4,2g / 10 ms
shock resistance with sine pulse	
• at AC	13,4g / 5 ms, 6,5g / 10 ms
• at DC	13,4g / 5 ms, 6,5g / 10 ms
mechanical service life (switching cycles)	
 of contactor typical 	10 000 000
 of the contactor with added electronically optimized auxiliary switch block typical 	5 000 000
 of the contactor with added auxiliary switch block typical 	10 000 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	05/01/2012
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
 during operation 	-25 +60 °C
during storage	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %
Main circuit	

number of poles for main current circuit	3
number of NO contacts for main contacts	3
operating voltage	
 at AC-3 rated value maximum 	1 000 V
 at AC-3e rated value maximum 	1 000 V
operational current	
• at AC-1 at 400 V at ambient temperature 40 °C	215 A
rated value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	215 A
— up to 690 V at ambient temperature 60 °C	185 A
rated value	105 A
— up to 1000 V at ambient temperature 40 °C	100 A
rated value	
— up to 1000 V at ambient temperature 60 °C	100 A
rated value	
• at AC-3	105 A
— at 400 V rated value	185 A
— at 500 V rated value	185 A
— at 690 V rated value	170 A
— at 1000 V rated value	65 A
• at AC-3e	
— at 400 V rated value	185 A
— at 500 V rated value	185 A
— at 690 V rated value	170 A
— at 1000 V rated value	65 A
 at AC-4 at 400 V rated value 	160 A
 at AC-5a up to 690 V rated value 	189 A
 at AC-5b up to 400 V rated value 	153 A
• at AC-6a	
 — up to 230 V for current peak value n=20 rated 	157 A
value	
 up to 400 V for current peak value n=20 rated 	157 A
value	
 — up to 500 V for current peak value n=20 rated value 	157 A
	157 A
 — up to 690 V for current peak value n=20 rated value 	157 A
— up to 1000 V for current peak value n=20 rated	65 A
value	
• at AC-6a	
— up to 230 V for current peak value n=30 rated	105 A
value	
— up to 400 V for current peak value n=30 rated	105 A
value	
 — up to 500 V for current peak value n=30 rated value 	105 A
— up to 690 V for current peak value n=30 rated	105 A
value	
— up to 1000 V for current peak value n=30 rated	65 A
value	
minimum cross-section in main circuit at maximum AC-1	95 mm²
rated value	
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	81 A
at 400 V rated value at 690 V rated value	65 A
operational current	
-	
at 1 current path at DC-1	160 A
— at 24 V rated value	160 A
— at 110 V rated value	18 A
— at 220 V rated value	3.4 A
— at 440 V rated value	0.8 A

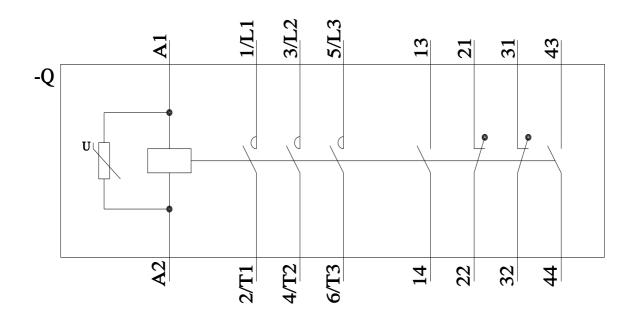
— at 600 V rated value	0.5 A
• with 2 current paths in series at DC-1	
— at 24 V rated value	160 A
— at 110 V rated value	160 A
— at 220 V rated value	20 A
— at 440 V rated value	3.2 A
— at 600 V rated value	1.6 A
• with 3 current paths in series at DC-1	
— at 24 V rated value	160 A
— at 110 V rated value	160 A
— at 220 V rated value	160 A
— at 440 V rated value	11.5 A
— at 600 V rated value	4 A
• at 1 current path at DC-3 at DC-5	
— at 24 V rated value	160 A
— at 110 V rated value	2.5 A
— at 220 V rated value	0.6 A
— at 440 V rated value	0.17 A
— at 600 V rated value	0.12 A
 with 2 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	160 A
— at 110 V rated value	160 A
— at 220 V rated value	2.5 A
— at 440 V rated value	0.65 A
— at 600 V rated value	0.37 A
 with 3 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	160 A
— at 110 V rated value	160 A
— at 220 V rated value	160 A
— at 440 V rated value	1.4 A
— at 600 V rated value	0.75 A
operating power	
• at AC-3	
— at 230 V rated value	55 kW
— at 400 V rated value	90 kW
— at 500 V rated value	132 kW
— at 690 V rated value	160 kW
— at 1000 V rated value	90 kW
• at AC-3e	
— at 230 V rated value	55 kW
— at 400 V rated value	90 kW
— at 500 V rated value	132 kW
— at 690 V rated value	160 kW
— at 1000 V rated value	90 kW
operating power for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	45 kW
at 690 V rated value	65 kW
operating apparent power at AC-6a	
up to 230 V for current peak value n=20 rated value	60 000 kVA
• up to 400 V for current peak value n=20 rated value	100 000 VA
• up to 500 V for current peak value n=20 rated value	130 000 VA
• up to 690 V for current peak value n=20 rated value	180 000 VA
 up to 1000 V for current peak value n=20 rated value 	110 000 VA
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	40 000 VA
• up to 400 V for current peak value n=30 rated value	70 000 VA
 up to 500 V for current peak value n=30 rated value 	90 000 VA
 up to 690 V for current peak value n=30 rated value 	120 000 VA
up to 1000 V for current peak value n=30 rated	110 000 VA
- up to 1000 v for our one pour value n=00 rated	

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ehort dre withstand current in cold operating state ypt 64 0°C 2 900 A; Use minimum cross-section acc. Io AC-1 rated value elimited to 15 switching at zero current maximum 2 904 A; Use minimum cross-section acc. Io AC-1 rated value elimited to 10 switching at zero current maximum 2 904 A; Use minimum cross-section acc. Io AC-1 rated value elimited to 30 switching at zero current maximum 2 904 A; Use minimum cross-section acc. Io AC-1 rated value elimited to 30 switching at zero current maximum 908 A; Use minimum cross-section acc. Io AC-1 rated value elimited to 30 switching at zero current maximum 908 A; Use minimum cross-section acc. Io AC-1 rated value elimited to 30 switching at zero current maximum 900 A; Use minimum cross-section acc. Io AC-1 rated value elimited to 30 switching at zero current maximum 908 A; Use minimum cross-section acc. Io AC-1 rated value elimited to 30 switching at zero current maximum 900 1h elimited to 30 switching at zero current maximum 900 1h elimited to 30 switching at zero current maximum 900 1h elimited to 30 switching at zero current maximum 900 1h elimited to 40 switch 20	value	
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no-load switching frequency 2 eit AC 2 operating frequency 800 1/h eit AC-1 maximum 800 1/h eit AC-2 maximum 300 1/h eit AC-3 maximum 300 1/h eit AC-3 maximum 300 1/h eit AC-4 maximum 750 1/h eit AC-4 maximum 130 1/h Control supply voltage at AC 23 26 V eit SD Hz rated value 23 26 V eit SD Hz rated value 23 26 V operating range factor control supply voltage rated 24 26 V operating range factor control supply voltage rated 1.1 operating range factor control supply voltage rated 1.1 value of magnet coil at AC 1.1 eit 80 Hz 0.8 1.1 eit 80 Hz 0.8 1.1 eit 80 Hz 0.8 1.1 eit 80 Hz 0.9 eit 80 Hz 0.8	 limited to 30 s switching at zero current maximum 	968 A; Use minimum cross-section acc. to AC-1 rated value
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• at DC 2 000 1/h operating frequency 800 1/h • at AC-2 maximum 300 1/h • at AC-3 maximum 750 1/h • at AC-3 maximum 750 1/h • at AC-3 maximum 750 1/h • at AC-4 maximum 130 1/h Control structure Control supply voltage AC/CC • ot S0 Hz rated value 23 26 V • at 60 Hz rated value 23 26 V • ot 60 Hz rated value 23 26 V • ot 60 Hz rated value 23 26 V • ot 60 Hz rated value 23 26 V • operating range factor control supply voltage rated 23 26 V • operating range factor control supply voltage rated 0.8 • infield value 0.8	no-load switching frequency	
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e at AC-1 maximum 800 1/h • at AC-3 maximum 750 1/h • at AC-4 maximum 750 1/h • at BO H2 0.8 • at BO H2 08	operating frequency	
• at AC-3 maximum 750 1/h • at oble maximum 750 1/h • at oble control supply voltage at AC AC/DC • at 50 Hz rated value 2326 V • at 80 Hz rated value 2326 V • at at 0 Hz rated value 0.8 • initial value 0.8 • initial value 0.8 • initial value 0.8 • initial value 0.8 • at 50 Hz 0.8 1.1 • at 50 Hz 0.9 1.1 • at 50 Hz 0.9 1.1 • at 50 Hz 0.9 1.1 • at 60 Hz 0.9 1.1		800 1/h
• at AC-3e maximum 750 1/h • at AC-4 maximum 130 1/h • tat AC-4 maximum 130 1/h • tat Control isupply voltage of XC AC/DC • control supply voltage at AC 23 26 V • at 60 Hz rated value 23 26 V • operating range factor control supply voltage at DC - • initial value 0.8 • full-scale value 0.8 • full-scale value 0.8 • initial value 0.8 • initial value 0.8 • initial value 0.8 • at 50 Hz 0.9 • at 50 Hz 0.8	• at AC-2 maximum	300 1/h
• at AC-4 maximum 130 1/h Control circuit/ Control Type of voltage of the control supply voltage at AC • at 50 Hz rated value 23 28 V • at 60 Hz rated value 23 28 V control supply voltage at DC • at 60 Hz rated value • rated value 23 28 V control supply voltage at DC • at 60 Hz rated value • rated value 0.8 • initial value 0.8 • initial value 0.8 • at 60 Hz 0.9 • at 60 Hz 0.8 • at 60 Hz 0.8 • at 60 Hz 0.8 • at 60 Hz </td <td> at AC-3 maximum </td> <td>750 1/h</td>	 at AC-3 maximum 	750 1/h
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• at 60 Hz 300 VA inductive power factor with closing power of the coll 0.9 • at 50 Hz 0.9 apparent holding power of magnet coil at AC 0.9 • at 60 Hz 5.8 VA • at 60 Hz 0.8 closing power of magnet coil at DC 5.2 W closing delay 0.95 ms • at AC 20 95 ms • at DC 20 95 ms opening delay 0.160 ms • at DC 40 60 ms • at DC 40 60 ms • at DC 40 60 ms • at		300 VA
inductive power factor with closing power of the coil 0.9 • at 50 Hz 0.9 apparent holding power of magnet coil at AC 0.9 • at 50 Hz 5.8 VA • at 60 Hz 5.8 VA inductive power factor with the holding power of the coil 0.8 • at 50 Hz 0.8 • at 60 Hz 0.8 coil 0.8 • at 60 Hz 0.8 closing power of magnet coil at DC 360 W holding power of magnet coil at DC 5.2 W closing delay 0.9 • at AC 20 95 ms • at DC 20 95 ms opening delay • at AC • at DC 40 60 ms • at DC 2 Instantaneous contact 2 number of NC contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 2	• at 60 Hz	300 VA
• at 50 Hz 0.9 • at 60 Hz 0.9 apparent holding power of magnet coil at AC 5.8 VA • at 50 Hz 5.8 VA • at 60 Hz 5.8 VA inductive power factor with the holding power of the coil 0.8 • at 50 Hz 0.8 • at 60 Hz 0.8 • at 60 Hz 0.8 • at 60 Hz 0.8 closing power of magnet coil at DC 360 W holding power of magnet coil at DC 5.2 W closing delay 0.95 ms • at AC 20 95 ms • at AC 40 60 ms • at DC 20 95 ms cotrol version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit 2 number of NO contacts for auxiliary contacts 2		
• at 60 Hz 0.9 apparent holding power of magnet coil at AC 5.8 VA • at 50 Hz 5.8 VA • at 60 Hz 5.8 VA inductive power factor with the holding power of the coil 0.8 • at 50 Hz 0.8 • at 60 Hz 0.8 • olding power of magnet coil at DC 360 W holding power of magnet coil at DC 5.2 W closing delay 0		0.9
apparent holding power of magnet coil at AC 5.8 VA • at 50 Hz 5.8 VA • at 60 Hz 5.8 VA inductive power factor with the holding power of the coil 0.8 • at 50 Hz 0.8 • at 60 Hz 0.8 closing power of magnet coil at DC 360 W holding power of magnet coil at DC 5.2 W closing delay 0.95 ms • at AC 20 95 ms • at AC 40 60 ms • at DC 40 60 ms • at DC 0.0 ms • at DC 20 95 ms • at DC 20 60 ms </td <td></td> <td></td>		
• at 50 Hz5.8 VA• at 60 Hz5.8 VAinductive power factor with the holding power of the coll5.8 VA• at 50 Hz0.8• at 60 Hz0.8closing power of magnet coil at DC360 Wholding power of magnet coil at DC5.2 Wclosing delay20 95 ms• at AC20 95 ms• at AC20 95 ms• at AC40 60 ms• at AC40 60 ms• at DC10 15 mscontrol version of the switch operating mechanismStandard A1 - A2Auxiliary circuit2number of NC contacts for auxiliary contacts instantaneous contact2number of NO contacts for auxiliary contacts2		
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coil0.8• at 50 Hz0.8• at 60 Hz0.8closing power of magnet coil at DC360 Wholding power of magnet coil at DC5.2 Wclosing delay5.2 W• at AC20 95 ms• at DC20 95 msopening delay-• at AC40 60 ms• at DC40 60 msacting time10 15 mscontrol version of the switch operating mechanismStandard A1 - A2Auxiliary circuit2number of NC contacts for auxiliary contacts instantaneous contact2number of NO contacts for auxiliary contacts2		
• at 60 Hz 0.8 closing power of magnet coil at DC 360 W holding power of magnet coil at DC 5.2 W closing delay • at AC • at DC 20 95 ms • at AC 20 95 ms • at DC 20 95 ms • at AC 40 60 ms • at DC 20 95 ms		
closing power of magnet coil at DC360 Wholding power of magnet coil at DC5.2 Wclosing delay• at AC20 95 ms• at DC20 95 msopening delay• at AC40 60 ms• at DC40 60 ms• at DC10 15 mscontrol version of the switch operating mechanismStandard A1 - A2Auxiliary circuit2number of NC contacts for auxiliary contacts2number of NO contacts for auxiliary contacts210 2210 2210 15 ms210	• at 50 Hz	0.8
holding power of magnet coil at DC 5.2 W closing delay 20 95 ms • at DC 20 95 ms opening delay 20 95 ms • at DC 20 95 ms opening delay 40 60 ms • at DC 5.2 W	• at 60 Hz	0.8
closing delay 20 95 ms • at DC 20 95 ms opening delay 20 95 ms • at DC 20 95 ms opening delay 40 60 ms • at DC 10 15 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit 2 number of NC contacts for auxiliary contacts instantaneous contact 2 number of NO contacts for auxiliary contacts 2	closing power of magnet coil at DC	360 W
closing delay 20 95 ms • at DC 20 95 ms opening delay 20 95 ms • at DC 20 95 ms opening delay 40 60 ms • at DC 10 15 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit 2 number of NC contacts for auxiliary contacts instantaneous contact 2 number of NO contacts for auxiliary contacts 2		5.2 W
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• at AC 40 60 ms • at DC 40 60 ms arcing time 10 15 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit 10 number of NC contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 2	• at DC	20 95 ms
• at AC 40 60 ms • at DC 40 60 ms arcing time 10 15 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit 10 number of NC contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 2	opening delay	
• at DC40 60 msarcing time10 15 mscontrol version of the switch operating mechanismStandard A1 - A2Auxiliary circuit2number of NC contacts for auxiliary contacts instantaneous contact2number of NO contacts for auxiliary contacts 22		40 60 ms
arcing time 10 15 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit Image: Auxiliary contacts for auxiliary contacts for auxiliary contacts for auxiliary contacts number of NC contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 2	• at DC	
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Auxiliary circuit number of NC contacts for auxiliary contacts 2 instantaneous contact 2 number of NO contacts for auxiliary contacts 2		
number of NC contacts for auxiliary contacts 2 instantaneous contact 2 number of NO contacts for auxiliary contacts 2	· -	
instantaneous contact number of NO contacts for auxiliary contacts 2		2
		2
		2

operational current at AC-12 maximum 10 A operational current at AC-12 maximum 6 A at 300 Vrated value 3 A at 300 Vrated value 6 A at 40 Vrated value 6 A at 41 Vrated value 6 A at 41 Vrated value 6 A at 41 Vrated value 7 A at 41 Vrated value 7 A at 300 Vrated value 9 A at 300 Vrated value 9 A at 300 Vrated value 10 A		_
• at 200 V rated value 6 A • at 400 V rated value 3 A • at 600 V rated value 1 A • at 600 V rated value 6 A • at 60 V rated value 6 A • at 20 V rated value 0 A • at 20 V rated value 1 A • at 20 V rated value 1 A • at 20 V rated value 1 A • at 20 V rated value 0 A • at 20 V rated value 0 A • at 600 V rated value 0 A • at 600 V rated value 10 A • at 600 V rated value	operational current at AC-12 maximum	10 A
	operational current at AC-15	
• at 6500 V rated value 1 A operational current at DC-12 10 A • at 43 V rated value 6 A • at 43 V rated value 6 A • at 160 V rated value 6 A • at 160 V rated value 6 A • at 125 V rated value 6 A • at 125 V rated value 1 A • at 200 V rated value 1 A • at 200 V rated value 1 A • at 200 V rated value 1 A • at 600 V rated value 1 A • at 600 V rated value 0 A • at 40 V rated value 1 A • at 200 V rated value 0 A • at 200 V rated value 0 A • at 200 V rated value 0 A • at 10 V rated value 0 A • at 200 V rated value 0 A • at 200 V rated value 0 A • at 480 V rated value 10 A • at 480 V rated value	 at 230 V rated value 	6 A
• at 660 V rated value 1 A operational current at DC-12 0 A • at 80 V rated value 6 A • at 80 V rated value 6 A • at 10 V rated value 3 A • at 220 V rated value 2 A • at 220 V rated value 0.15 A operational current at DC-13 10 A • at 20 V rated value 0.15 A operational current at DC-13 10 A • at 80 V rated value 2 A • at 80 V rated value 2 A • at 80 V rated value 2 A • at 80 V rated value 0.3 A • at 80 V rated value 0.3 A • at 80 V rated value 0.3 A • at 80 V rated value 10 A • at 80 V rated value 0.3 A • at 80 V rated value 10 A • at 800 V rated	 at 400 V rated value 	3 A
operational current at DC-12 10 A • at 24 V rated value 6 A • at 80 V rated value 6 A • at 25 V rated value 1 A • at 200 V rated value 1 A • at 200 V rated value 1 A • at 200 V rated value 0.15 A operational current at DC-13 0 A • at 42 V rated value 0 A • at 42 V rated value 0 A • at 220 V rated value 0 A • at 220 V rated value 0 A • at 320 V rated value 0 A • at 480 V rated value 1 faulty switching per 100 million (17 V, 1 mA) UUCSA rating 1 faulty switching per 100 million (17 V, 1 mA) UUCSA rating 180 A • at 480 V rated value 192 A vibilded mechanical performance [hp] • for 3 phase A C motor - at 420 V rated value 50 hp - at 220230 V rated value 50 hp - at 575/600 V rated value 50 hp <td> at 500 V rated value </td> <td>2 A</td>	 at 500 V rated value 	2 A
 at 24 V rated value at 26 V rated value at 80 V rated value bior single-phase AC motor -at 800 V rated value for single-phase AC motor -at 800 V rated value for single-phase AC motor -at 800 V rated value for both-circuit protection of the mai circuit -with type of coordination 1 required gc 355 A (800 V, 100 kA) gc 355 A (800 V,	 at 690 V rated value 	1 A
• at 48 V rated value 6 A • at 100 V rated value 6 A • at 125 V rated value 2 A • at 220 V rated value 1 A • at 200 V rated value 0.15 A operational current at DC-13 0 A • at 42 V rated value 1 A • at 43 V rated value 2 A • at 43 V rated value 2 A • at 10 V rated value 2 A • at 10 V rated value 0.3 A • at 220 V rated value 0.1 A • at 220 V rated value 0.1 A • at 220 V rated value 0.1 A • at 220 V rated value 1.4 Hulty switching per 100 million (17 V, 1 mA) VL/CSA ratings 1 Hulty switching per 100 million (17 V, 1 mA) VL/CSA ratings 180 A • at 800 V rated value 180 A • at 800 V rated value 100 A • for 3-phase AC motor -a - at 200/208 V ra	operational current at DC-12	
• at 60 V rated value 6 A • at 110 V rated value 3 A • at 220 V rated value 1 A • at 200 V rated value 0.15 A operational current at DC-13 1 A • at 80 V rated value 1 A • at 80 V rated value 2 A • at 80 V rated value 0.3 A • at 250 V rated value 0.3 A • at 800 V rated value 0.3 A • at 800 V rated value 0.3 A • at 800 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UUCSA ratings 192 A full-load current (FLA) for 3-phase AC motor 192 A • at 600 V rated value 190 A • at 200 V rated value 10 hp • for single-phase AC motor - at 200 V rated value • at 200 V rated value 50 hp - at 2002/20 V rated value 20 hp contact rating of auxiliary contacts according to UL A600 V (600) Short-circuit protection 200 hp contact rating of auxiliary contacts according to UL 4600 V, 100 kA) <	 at 24 V rated value 	10 A
	 at 48 V rated value 	6 A
 at 125 V rated value at 220 V rated value 1 A at 220 V rated value 0.15 A operational current at DC-13 at 24 V rated value at 24 V rated value 2 A at 80 V rated value 2 A at 80 V rated value 2 A at 125 V rated value 2 A at 125 V rated value 3 A at 125 V rated value 3 A at 220 V rated value 3 A at 250 V rated value 3 A at 250 V rated value 3 A at 250 V rated value 3 A at 600 V rated value 3 A at 600 V rated value 1 Fully switching per 100 million (17 V, 1 mA) U/UCSA ratings full-back current (FLA) for 3-phase AC motor at 480 V rated value 180 A at 800 V rated value 192 A yielded mechanical performance (hp) for single-phase AC motor - at 202/20 V rated value 192 A yielded mechanical performance (hp) for single-phase AC motor - at 202/20 V rated value 50 hp - at 202/20 V rated value 20 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the auxiliary switch required of system closed on of the auxiliary switch required - with type of coordination 1 required - with t	 at 60 V rated value 	6 A
 ist 220 V rated value ist 220 V rated value 0.15 A operational current it DC-13 ist 24 V rated value 10 A ist 24 V rated value 2 A ist 60 V rated value 2 A ist 10 V rated value 0.9 A ist 220 V rated value 0.9 A ist 220 V rated value 0.1 A contact reliability of auxillary contacts 1 faulty switching per 100 million (17 V, 1 mA) UUCSA ratings ist 60 V rated value 10 A ist 60 V rated value 0.1 A contact reliability of auxillary contacts 1 faulty switching per 100 million (17 V, 1 mA) UUCSA ratings ist 60 V rated value 180 A ist 60 V rated value 192 A yielded mechanical performance (tp) if or single-phase AC motor - at 200/208 V rated value 192 A yielded value 192 A yielded value 200 hp - at 370:600 V rated value 150 hp - at 370:600 V rated value 150 hp - at 370:600 V rated value 200 hp contact rating of auxillary contacts according to UL A600 / 0600 bion-circuit protection of the main circuit - for short-circuit protection of the auxillary switch required - for short-circuit protection of the auxillary switch required - for short-circuit protection of the auxillary switch required - for short-circuit protection of the auxillary switch required - for short-circuit protection of the auxillary switch required - for swards - for wards - for wards - for wards - downwards - mainti	 at 110 V rated value 	3 A
	 at 125 V rated value 	2 A
operational current at DC-13 10 A • at 42 V rated value 10 A • at 43 V rated value 2 A • at 10 V rated value 2 A • at 120 V rated value 0.9 A • at 20 V rated value 0.3 A • at 20 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/C5A ratings 110 A full-load current (FLA) for 3-phase AC motor 180 A • at 800 V rated value 192 A yielded mechanical performance [hp] 60 hp • for 3-phase AC motor	 at 220 V rated value 	1 A
	• at 600 V rated value	0.15 A
	operational current at DC-13	
• at 60 V rated value 2 A • at 110 V rated value 1 A • at 122 V rated value 0.3 A • at 800 V rated value 0.3 A • at 800 V rated value 0.1 A • contact reliability of axiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings 1 full-load current (FLA) for 3-phase AC motor 1 • at 800 V rated value 180 A • at 600 V rated value 192 A yielded mechanical performance (hp) 60 hp • for single-phase AC motor 30 hp - at 200/208 V rated value 50 hp - at 200/208 V rated value 150 hp - at 400400 V rated value 160 hp - at 575/600 V rated value 160 hp - at 575/600 V rated value 200 hp contact rating of axillary contacts according to UL A600 V, 100 kA) - with type of containton 1 required 96: 355 A (690 V, 100 kA) - with type of containton 1 required 96: 315 A (690 V, 100 kA), and: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) - with type of assignment 2 required V, 50 kA) - with type of cont	 at 24 V rated value 	10 A
• at 110 V rated value 1 A • at 125 V rated value 0.3 A • at 600 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) //LCSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value 180 A • at 480 V rated value 192 A yielded mechanical performance [hp] 60 hp • for single-phase AC motor - - at 200/200 V rated value 30 hp • for 3-phase AC motor - - at 200/200 V rated value 50 hp - at 200/200 V rated value 50 hp - at 460/480 V rated value 50 hp - at 460/480 V rated value 75 hp - at 4575/600 V rated value 75 hp - at 4575/600 V rated value 200 hp • for short-circuit protection of the main circuit - - with type of assignment 2 required y. 60 k3) - with type of assignment 2 required y. 60 k3) - with type of assignment 2 required y. 60 k30 V, 100 kA) e for short-circuit protection of the auxiliary switch required spacing	 at 48 V rated value 	2 A
• at 125 V rated value 0.9 A • at 220 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/C5A ratings 1 full-load current (FLA) for 3-phase AC motor 180 A • at 600 V rated value 192 A yielded mechanical performance [hp] • for single-phase AC motor - at 200 V rated value 30 hp • for single-phase AC motor - at 200 V rated value - at 200 V rated value 50 hp - at 200203 V rated value 60 hp - at 200203 V rated value 75 hp - at 4575/600 V rated value 200 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit gC: 355 A (690 V, 100 kA) - with type of assignment 2 required yC is 55 A (690 V, 100 kA) - with type of assignment 2 required yC is 15 A (690 V, 100 kA) - with type of assignment 2 required yC is 15 A (690 V, 100 kA), ati: 200 A (690 V, 50 kA), BS88: 315 A (415 y, 50 kA), 0 (690 V, 50 kA), BS88: 315 A (415 y, 50 kA), 0 (690 V, 50 kA), BS88: 315 A (415 y, 50 kA), 0 (690 V, 50 kA), BS88: 315 A (415 y, 50 kA), 0 (690 V, 50 kA), 0 (690 V, 50 kA), BS88: 315 A (415 y, 50 kA), 0 (at 60 V rated value 	2 A
• at 220 V rated value 0.3 A • at 600 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 1 full-load current (FLA) for 3-phase AC motor 180 A • at 480 V rated value 192 A yielded mechanical performance [Ip] 0 • for single-phase AC motor - - at 230 V rated value 30 hp • for 3-phase AC motor - - at 200/208 V rated value 50 hp - at 200/208 V rated value 75 hp - at 460480 V rated value 150 hp - at 460480 V rated value 200 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit - - with type of coordination 1 required gG: 355 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), B588: 315 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) mutting position with vertical mounting surface +/-90* rotatable, with vertical mounting surface +/-22.5* tittable to the front and back fastening method screw fixing	• at 110 V rated value	1 A
• at 600 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA rating: full-load current (FLA) for 3-phase AC motor • at 480 V rated value 192 A yileIded mechanical performance [tp] 192 A • for single-phase AC motor	• at 125 V rated value	0.9 A
contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings full-load current (FLA) for 3-phase AC motor 180 A • at 480 V rated value 192 A ylelded mechanical performance [hp] 192 A • for 3-phase AC motor 30 hp - at 200 V rated value 30 hp • for 3-phase AC motor 60 hp - at 200/208 V rated value 50 hp - at 200/208 V rated value 50 hp - at 200/208 V rated value 200 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection gG: 355 A (690 V, 100 kA) design of the fuse link 9C 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 355 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 316 A (600 V, 1 kA) mounting position with vertical mounting surface +/-22.5* uittable, with vertical mou	• at 220 V rated value	0.3 A
ULCSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor - at 200 V rated value • at 200 V rated value • for 3-phase AC motor - at 200/208 V rated value • at 60/480 V rated value - at 200/208 V rated value - at 460/480 V rated value - at 57/500 V rated value - with type of coordination 1 required - with type of assignment 2 required - with type of assignment 2 required - with type of assignment 2 required - for short-circuit protection of the auxiliary switch required required mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-20° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90°	at 600 V rated value	0.1 A
full-load current (FLA) for 3-phase AC motor 180 A • at 480 V rated value 192 A yielded mechanical performance [hp] 192 A • for single-phase AC motor 30 hp - at 230 V rated value 30 hp • for 3-phase AC motor 60 hp - at 220/230 V rated value 60 hp - at 220/230 V rated value 150 hp - at 460/480 V rated value 200 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit - with type of coordination 1 required - with type of coordination 1 required gG: 355 A (690 V, 100 kA) - with type of assignment 2 required gG: 315 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (500 V, 10 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) fastening method screw fixing • side-by-side mounting Yes height 172 mm with werkcal mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with ver	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
 at 480 V rated value at 600 V rated value 192 A 10 hp 12 00/208 V rated value 10 hp 12 00/208 V rated value 10 hp 12 00/208 V rated value 10 hp 12 00 hp 13 0 hp 14 60/480 V rated value 20 0 hp 15 0 hp 15 0 hp 15 0 hp 16 0 hp 17 0 hp 18 (690 V, 100 kA) 19 0 (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) 15 A (690 V, 100 kA) 15 A (690 V, 100 kA) 16 (690 V, 100 kA) 16 (690 V, 100 kA) 17 0 kA 18 (1600 V, 100 kA) 17 0 mn 18 (160 - 100	UL/CSA ratings	
 at 480 V rated value at 600 V rated value 192 A 10 hp 12 00/208 V rated value 10 hp 12 00/208 V rated value 10 hp 12 00/208 V rated value 10 hp 12 00 hp 13 0 hp 14 60/480 V rated value 20 0 hp 15 0 hp 15 0 hp 15 0 hp 16 0 hp 17 0 hp 18 (690 V, 100 kA) 19 0 (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) 15 A (690 V, 100 kA) 15 A (690 V, 100 kA) 16 (690 V, 100 kA) 16 (690 V, 100 kA) 17 0 kA 18 (1600 V, 100 kA) 17 0 mn 18 (160 - 100	full-load current (FLA) for 3-phase AC motor	
yielded mechanical performance [hp] for single-phase AC motor at 230 V rated value for 3-phase AC motor at 200/208 V rated value for 400/208 V rated value at 200/208 V rated value for 400/40 V rated value for 5-phase AC motor at 200/208 V rated value for 400/40 V rated value for 400/40 V rated value for 400/40 V rated value for 575/600 V rated value for 400/40 V rated value for 575/600 V rated value gc 355 A (690 V, 100 kA) for short-circuit protection of the main circuit gc 355 A (690 V, 100 kA) gc 355 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) for short-circuit protection of the auxiliary switch required gG 30 A (500 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) gc 315 A (500 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) gc 315 A (500 V, 1 kA) fastening method side-by-side mounting yc side mounting Ye s height yc side mounting Ye s height yc mm with side-by-side mounting yc side mounting yc side mounting forwards	• at 480 V rated value	180 A
 for single-phase AC motor at 200 V rated value for 3-phase AC motor at 200/28 V rated value 60 hp at 200/28 V rated value 75 hp at 460/480 V rated value 150 hp at 4575/600 V rated value 200 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required g6: 355 A (690 V, 100 kA) g6: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) for short-circuit protection of the auxiliary switch required g6: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) for short-circuit protection of the auxiliary switch required with type of assignment 2 required g6: 10 A (500 V, 1 kA) fastening method screw fixing side-by-side mounting with side-by-side mounting with side-by-side mounting with side-by-side mounting auxids auxids<td>• at 600 V rated value</td><td>192 A</td>	• at 600 V rated value	192 A
	yielded mechanical performance [hp]	
• for 3-phase AC motor 60 hp - at 220/208 V rated value 60 hp - at 220/230 V rated value 75 hp - at 460/480 V rated value 150 hp - at 575/600 V rated value 200 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 460/480 V. 100 kA) design of the fuse link 6 if short-circuit protection of the main circuit - with type of coordination 1 required gG: 355 A (690 V, 100 kA) - with type of assignment 2 required V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-20.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting 172 mm width 120 mm depth 170 mm required spacing 0 mm - otwards 20 mm - upwards 10 mm - downwards	 for single-phase AC motor 	
- at 200/208 V rated value 60 hp - at 220/230 V rated value 75 hp - at 460/480 V rated value 150 hp - at 4575/600 V rated value 200 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 4600 / Q600 design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 355 A (690 V, 100 kA) - with type of assignment 2 required gG: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 NA) Installation/ mounting/ dimensions with vertical mounting surface +/-90° rotatable, with vertical mounting term = 100 mm • side-by-side mounting	— at 230 V rated value	30 hp
- at 220/230 V rated value 75 hp - at 450/480 V rated value 150 hp - at 757/600 V rated value 200 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit gG: 355 A (690 V, 100 kA) - with type of coordination 1 required gG: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions gG: 10 A (500 V, 1 kA) mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting Yes height 172 mm width 120 mm depth 170 mm - downwards 20 mm - at th side 0 mm - at the side 0 mm	 for 3-phase AC motor 	
	— at 200/208 V rated value	60 hp
	— at 220/230 V rated value	75 hp
contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required - with type of assignment 2 required gG: 355 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 10 kA) Installation/ mounting/ dimensions with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting Yes height 172 mm width 120 mm depth 170 mm required spacing 0 mm - downwards 10 mm - downwards 10 mm - downwards 0 mm - downwards 0 mm	— at 460/480 V rated value	
Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required - with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back screw fixing • side-by-side mounting Yes height 172 mm width 120 mm depth 170 mm - upwards 10 mm - downwards 10 mm - at the side 0 mm • for grounded parts 0 mm	— at 575/600 V rated value	200 hp
design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required with type of assignment 2 required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required gG: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) gG: 10 A (500 V, 1 kA) gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position side-by-side mounting with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing screw fixing vert fixing Yes height with side-by-side mounting with side-by-side mounting with side-by-side mounting of orwards of ownwards a downwards a downwards a downwards a the side o mm of orgounded parts	contact rating of auxiliary contacts according to UL	A600 / Q600
design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required with type of assignment 2 required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required gG: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) gG: 10 A (500 V, 1 kA) gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position side-by-side mounting with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing screw fixing vert fixing Yes height with side-by-side mounting with side-by-side mounting with side-by-side mounting of orwards of ownwards a downwards a downwards a downwards a the side o mm of orgounded parts	Short-circuit protection	
- with type of coordination 1 required gG: 355 A (690 V, 100 kA) - with type of assignment 2 required gG: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting Yes height 172 mm width 120 mm depth 170 mm - forwards 20 mm - upwards 10 mm - a the side 0 mm • for grounded parts 0 mm		
- with type of coordination 1 required gG: 355 A (690 V, 100 kA) - with type of assignment 2 required gG: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting Yes height 172 mm width 120 mm depth 170 mm - forwards 20 mm - upwards 10 mm - a the side 0 mm • for grounded parts 0 mm	 for short-circuit protection of the main circuit 	
- with type of assignment 2 required gG: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions gG: 10 A (500 V, 1 kA) mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting Yes height 172 mm width 120 mm depth 170 mm required spacing 0 mm - upwards 10 mm - downwards 10 mm - a the side 0 mm • for grounded parts 0 mm		gG: 355 A (690 V, 100 kA)
• for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions gG: 10 A (500 V, 1 kA) mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting Yes height 172 mm width 120 mm depth 170 mm required spacing • with side-by-side mounting - forwards 20 mm - qownwards 10 mm - at the side 0 mm • for grounded parts 0 mm		
required Installation/ mounting/ dimensions mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting Yes height 172 mm width 120 mm depth 170 mm required spacing 20 mm - forwards 20 mm - upwards 10 mm - at the side 0 mm - at the side 0 mm		
mounting positionwith vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and backfastening methodscrew fixing• side-by-side mountingYesheight172 mmwidth120 mmdepth170 mmrequired spacing20 mm- forwards20 mm- downwards10 mm- at the side0 mm• for grounded parts0 mm		gG: 10 A (500 V, 1 kA)
surface +/- 22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting Yes height 172 mm width 120 mm depth 170 mm required spacing • with side-by-side mounting - forwards 20 mm - upwards 10 mm - a the side 0 mm	Installation/ mounting/ dimensions	
• side-by-side mountingYesheight172 mmwidth120 mmdepth170 mmrequired spacing20 mm• with side-by-side mounting20 mm— forwards10 mm— upwards10 mm— downwards0 mm— at the side0 mm	mounting position	
height 172 mm width 120 mm depth 170 mm required spacing 170 mm • with side-by-side mounting 20 mm - forwards 20 mm - upwards 10 mm - at the side 0 mm • for grounded parts 0 mm	fastening method	screw fixing
width 120 mm depth 170 mm required spacing 20 mm • with side-by-side mounting 20 mm — forwards 10 mm — downwards 10 mm — at the side 0 mm • for grounded parts	side-by-side mounting	Yes
depth170 mmrequired spacing170 mm• with side-by-side mounting20 mm- forwards20 mm- upwards10 mm- downwards10 mm- at the side0 mm• for grounded parts0 mm	height	172 mm
required spacing • with side-by-side mounting — forwards 20 mm — upwards 10 mm — downwards 10 mm — at the side 0 mm • for grounded parts 0 mm	width	120 mm
with side-by-side mounting — forwards 20 mm — upwards 10 mm — downwards 10 mm — at the side 0 mm • for grounded parts	depth	170 mm
forwards 20 mm upwards 10 mm downwards 10 mm at the side 0 mm • for grounded parts 0	required spacing	
— downwards 10 mm — at the side 0 mm • for grounded parts 0	— forwards	20 mm
 at the side for grounded parts 	— upwards	10 mm
for grounded parts		10 mm
	— at the side	0 mm
— forwards 20 mm	 for grounded parts 	
	— forwards	20 mm

unworda	10 mm	
— upwards	10 mm	
— at the side	10 mm	
— downwards	10 mm	
 for live parts 		
— forwards	20 mm	
— upwards	10 mm	
— downwards	10 mm	
— at the side	10 mm	
Connections/ Terminals		
type of electrical connection		
 for main current circuit 	Connection bar	
 for auxiliary and control circuit 	screw-type terminals	
 at contactor for auxiliary contacts 	Screw-type terminals	
of magnet coil	Screw-type terminals	
width of connection bar	17 mm	
thickness of connection bar	3 mm	
diameter of holes	9 mm	
number of holes	1	
type of connectable conductor cross-sections		
 at AWG cables for main contacts 	4 250 kcmil	
connectable conductor cross-section for main		
contacts		
stranded	25 120 mm²	
connectable conductor cross-section for auxiliary		
contacts		
 solid or stranded 	0.5 4 mm²	
 finely stranded with core end processing 	0.5 2.5 mm²	
type of connectable conductor cross-sections		
 for auxiliary contacts 		
— solid	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), max. 2x (0.75 4 mm ²)	
— solid or stranded	2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²), max. 2x (0,75 4 mm ²)	
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	
 at AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14), 1x 12	
AWG number as coded connectable conductor cross		
section		
 for auxiliary contacts 	18 14	
Safety related data		
product function		
 mirror contact according to IEC 60947-4-1 	Yes	
 positively driven operation according to IEC 60947- 5-1 	No	
B10 value with high demand rate according to SN 31920	1 000 000	
protection class IP on the front according to IEC 60529	IP00; IP20 with box terminal/cover	
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front with box terminal/cover	
suitability for use		
 safety-related switching OFF 	Yes	
Certificates/ approvals		
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=3RT1056-6AB36-Z X95		
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1056-6AB36-Z X95		
Service&Support (Manuals, Certificates, Characteristics, FAQs,)		
https://support.industry.siemens.com/cs/ww/en/ps/3RT1056-	6AB36-Z X95	
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1056-6AB36-Z X95⟨=en		
	Characteristic: Tripping characteristics, I ² t, Let-through current	
https://support.industry.siemens.com/cs/ww/en/ps/3RT1056-		
Further characteristics (e.g. electrical endurance, switch	i ng frequency) =Search&mlfb=3RT1056-6AB36-Z X95&objecttype=14&qridview=view1	



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