## 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	
<ul> <li>function module for communication</li> </ul>	No
auxiliary switch	Yes
power loss [W] for rated value of the current	
<ul> <li>at AC in hot operating state</li> </ul>	39 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	13 W
<ul> <li>without load current share typical</li> </ul>	5.2 W
surge voltage resistance	
<ul> <li>of main circuit rated value</li> </ul>	8 kV
<ul> <li>of auxiliary circuit rated value</li> </ul>	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)	
<ul> <li>of contactor typical</li> </ul>	10 000 000
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	5 000 000
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	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	
<ul> <li>during operation</li> </ul>	-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	
<ul> <li>at AC-3 rated value maximum</li> </ul>	1 000 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	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
<ul> <li>at AC-4 at 400 V rated value</li> </ul>	160 A
<ul> <li>at AC-5a up to 690 V rated value</li> </ul>	189 A
<ul> <li>at AC-5b up to 400 V rated value</li> </ul>	153 A
• at AC-6a	
<ul> <li>— up to 230 V for current peak value n=20 rated</li> </ul>	157 A
value	
<ul> <li>up to 400 V for current peak value n=20 rated</li> </ul>	157 A
value	
<ul> <li>— up to 500 V for current peak value n=20 rated value</li> </ul>	157 A
	157 A
<ul> <li>— up to 690 V for current peak value n=20 rated value</li> </ul>	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	
<ul> <li>— up to 500 V for current peak value n=30 rated value</li> </ul>	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

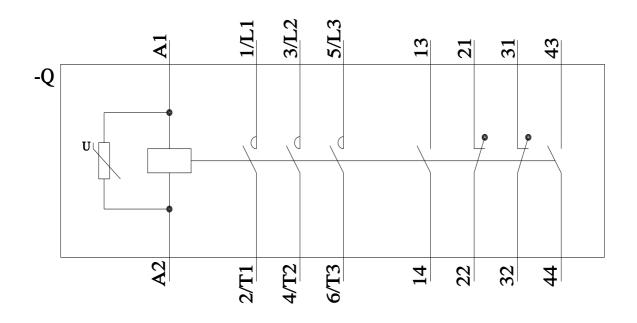
— at 600 V rated value	0.5 A
• with 2 current paths in series at DC-1	
— at 24 V rated value	160 A
— at 110 V rated value	160 A
— at 220 V rated value	20 A
— at 440 V rated value	3.2 A
— at 600 V rated value	1.6 A
• with 3 current paths in series at DC-1	
— at 24 V rated value	160 A
— at 110 V rated 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
<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>	
— 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
<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>	
— 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
<ul> <li>up to 1000 V for current peak value n=20 rated value</li> </ul>	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
<ul> <li>up to 500 V for current peak value n=30 rated value</li> </ul>	90 000 VA
<ul> <li>up to 690 V for current peak value n=30 rated value</li> </ul>	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	
up to 4° C         • Initiate to 1 switching at zero current maximum         • Initiate to 1 switching at zero current maximum         • Initiate to 3 switching at zero current maximum         • Initiate to 3 switching at zero current maximum         • Initiate to 3 switching at zero current maximum         • Initiate to 30 switching at zero current maximum         • Initiate to 30 switching at zero current maximum         • Initiate to 30 switching at zero current maximum         • Initiate to 30 switching at zero current maximum         • Initiate to 30 switching at zero current maximum         • Initiate to 31 switching at zero current maximum         • Initiate to 31 switching at zero current maximum         • Initiate to 31 switching at zero current maximum         • Initiate to 11 switching at zero current maximum         • Initiate to 11 switching at zero current maximum         • Initiate to 11 switching at zero current maximum         • Initiate to 11 switching at zero current maximum         • Initiate to 11 switching at zero current maximum         • Initiate to 11 switching at zero current maximum         • Initiate to 11 switching at zero current maximum         • Initiate to 11 switching at zero current maximum         • Initiate to 11 switching at zero current maximum         • Initiate to 11 switching at zero current maximum         • Initiate to 11 swi	short-time withstand current in cold operating state	
• Initiate to 5 is switching at zero current maximum       2.084 A, Use minimum cross-section acc. to AC-1 rated value         • Initiate to 50 is switching at zero current maximum       6.00 AC-1 rated value         • Initiate to 50 is switching at zero current maximum       6.01 AL Use minimum cross-section acc. to AC-1 rated value         • Initiate to 50 is switching at zero current maximum       6.01 AL Use minimum cross-section acc. to AC-1 rated value         • Initiate to 50 is switching at zero current maximum       6.01 AL         • Initiate to 50 is switching at zero current maximum       6.01 AL         • Initiate to 50 is switching at zero current maximum       6.01 AL         • Initiate to 50 is switching at zero current maximum       6.01 AL         • Initiate to 50 is switching at zero current maximum       6.00 Th         • Initiate to 50 is switching at zero current maximum       6.00 Th         • Initiate to 50 is switching at zero current maximum       6.00 Th         • Initiate to 50 is control supply voltage at CC       2.000 Th         • Initiatiate control supply voltage at CC       2.000 Th         • Initiate to 10 is zero at 20 is 2		
<ul> <li>Initiate to 10 s switching at zero current maximum</li> <li>Initiate to 30 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching at zero current maximum</li> <li>Initiate to 80 s switching set 20 s swi</li></ul>	<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	2 900 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>Initiate to 30 s switching at zero current maximum</li> <li>Initiate to 30 s switching at zero current maximum</li> <li>Initiate to 30 switching at zero current maxi</li></ul>	<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	2 084 A; Use minimum cross-section acc. to AC-1 rated value
• Imitact to 80 s switching at zero current maximum         B01 A: Use minimum cross-section acc. to AC-1 rated value           • at AC         2 000 1/h         2 000 1/h           • at AC         2 000 1/h         2 000 1/h           • at AC         2 000 1/h         2 000 1/h           • at AC         maximum         800 1/h           • at AC-1 maximum         800 1/h         4           • at AC-3 maximum         750 1/h         4           • at AC-4 maximum         750 1/h         4           • at AC-4 maximum         750 1/h         4           • at AC-4 maximum         750 1/h         4           • at 60 Hz rated value         2326 V         4           • at 60 Hz rated value         2326 V         4           • at 60 Hz rated value         2326 V         -           • at 60 Hz rated value         2326 V         -           • at 60 Hz rated value         2426 V         -           • at 60 Hz         0.8         1.1           • at 60 Hz         0.8         1.1           • at 50 Hz         0.8         1.1           • at 50 Hz         0.8         1.1           • at 60 Hz         0.9         -           • at 60	<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	1 480 A; Use minimum cross-section acc. to AC-1 rated value
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	<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	968 A; Use minimum cross-section acc. to AC-1 rated value
e at AC     2 000 t/h       et DC     2 000 t/h       operating frequency     800 t/h       et AC-1 maximum     300 t/h       et AC-2 maximum     300 t/h       et AC-3 maximum     750 t/h       et AC-4 maximum     130 t/h       Control supply voltage of the control supply voltage     AC/DC       control supply voltage at AC     2326 V       et 80 Hz rated value     2326 V       control supply voltage at DC     2326 V       erated value     2326 V       operating range factor control supply voltage rated value of magnet coil at AC     40.8       e tat 50 Hz     0.8       e at 50 Hz     0.8 11       det e value of magnet coil at AC     300 VA       e at 60 Hz     0.9	<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	801 A; Use minimum cross-section acc. to AC-1 rated value
• 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	
operating frequency         800 1/h           • et AC-1 maximum         800 1/h           • et AC-3 maximum         300 1/h           • et AC-3 maximum         750 1/h           • et AC-4 maximum         750 1/h           • et AC-4 maximum         130 1/h           Control supply voltage of the contol supply voltage         AC/DC           control supply voltage of the contol supply voltage at AC         2326 V           • et 60 Hz rated value         2326 V           control supply voltage at DC         • rated value           • et 60 Hz rated value         2326 V           operating range factor control supply voltage rated value of magnet coll at DC         0.8           • full-scale value         1.1           operating range factor control supply voltage rated value of magnet coll at AC         0.8           • at 60 Hz         0.8         1.1           operating range factor control supply voltage rated value         0.1           • at 60 Hz         0.8         1.1           operating range factor control supply voltage rated value         0.1           • at 60 Hz         0.8         1.1           • at 60 Hz         0.8         1.1           • at 60 Hz         0.9         1.1           • at 60 Hz<	• at AC	2 000 1/h
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	● at DC	2 000 1/h
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><ul> <li>at AC-3 maximum</li> </ul></td> <td>750 1/h</td>	<ul> <li>at AC-3 maximum</li> </ul>	750 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></td> <td>750 1/h</td>		750 1/h
Control circuit/ Control         AC/DC           type of voltage of the control supply voltage         AC/DC           control supply voltage at AC         23 26 V           e at 50 Hz rated value         23 26 V           control supply voltage at DC         23 26 V           operating range factor control supply voltage rated value of magnet coil at DC         0.8           operating range factor control supply voltage rated value of magnet coil at AC         0.8           operating range factor control supply voltage rated value of magnet coil at AC         0.8 1.1           operating range factor control supply voltage rated value of magnet coil at AC         0.8 1.1           oblick value         0.8 1.1         0.8 1.1           design of the surge suppressor         with variator           apparent pick-up power of magnet coil at AC         300 VA           inductive power factor with closing power of the coil         0.9           e at 60 Hz         0.9           at 60 Hz         0.9           at 60 Hz         0.8           inductive power factor with the holding power of the coil         0.8           cit 60 Hz         0.8           e at 60 Hz         0.8           e at 60 Hz         0.8           e at 60 Hz         0.8		
type of voltage of the control supply voltage at AC         AC/DC           e at 60 Hz rated value         23 26 V           • at 60 Hz rated value         23 26 V           control supply voltage at DC         • rated value           • rated value         23 26 V           operating range factor control supply voltage rated value of magnet coil at DC         0.8           • initial value         0.8           • initial value         0.8           • at 60 Hz         0.9           aparent holding power of magnet coil at AC         0.9           • at 60 Hz         0.9           aparent holding power of magnet coil at AC         5.8 VA           • at 60 Hz         0.9           al 60 Hz         0.9           al 60 Hz         0.8           inductive power factor with the holding power of the coil         0.8           colsing down         6.8 VA           colsing power of magnet coil at DC         5.8 VA		
control supply voltage at AC       23 26 V         • at 50 Hz rated value       23 26 V         control supply voltage at DC       23 26 V         • at 60 Hz rated value       23 26 V         control supply voltage at DC       23 26 V         • at 10 Hz rated value       0.8         • initial value       0.8         • initial value       0.8         • at 50 Hz       0.8         • at 50 Hz       0.8         • at 60 Hz       0.9         • at 60 Hz       0.8         • at 60 Hz       0.9         • at 60 Hz       0.8         • at 60 Hz		
• at 50 Hz rated value       23 26 V         • at 60 Hz rated value       23 26 V         • rated value       23 26 V         • perating range factor control supply voltage rated value of magnet coil at DC       23 26 V         • initial value       0.8         • full-scale value       0.8         • initial value       0.8         • at 60 Hz       0.9         • at 60 Hz       0.8         • at 60 Hz       0.9         • at 60 Hz       0.8         • at 60 Hz <td></td> <td></td>		
• at 60 Hz rated value     23 26 V       control supply voltage at DC     23 26 V       operating range factor control supply voltage rated value of magnet coil at DC     0.8       • initial value     0.8       • initial value     0.8       • at 50 Hz     0.8 1.1       • at 60 Hz     0.8 1.1       • at 50 Hz     0.8 1.1       • at 60 Hz     0.9       • at 60 Hz     300 VA       • at 60 Hz     0.9       • at 60 Hz     0.8       • at 60 Hz     0.8 <t< td=""><td></td><td>23 26 1/</td></t<>		23 26 1/
control supply voltage at DC     23 26 V       • rated value     23 26 V       operating range factor control supply voltage rated value of magnet coil at DC     0.8       • initial value     0.8       • initial scale value     0.8       • initial scale value     0.8       • at 50 Hz     0.8 1.1       • at 60 Hz     0.8 1.1       • at 60 Hz     0.8 1.1       • at 60 Hz     0.9       • at 60 Hz     0.8       • at 60 Hz     0.8       • at 60 Hz     0.9       • at 60 Hz     0.9       • at 60 Hz     0.8       • at 60 Hz     0.8       Inductive power factor with the holding power of the coil     0.8       • at 60 Hz     0.8       Inductive power factor with the holding power of the coil     0.8       • at 60 Hz     0.8       Inductive power of magnet coil at DC     5.8 VA       Inductive power of magnet coil at DC     300 W       • at 0C     20 95 ms       • at 0C     20 95 ms       • at 0C     40 60		
• rated value     23 26 V       operating range factor control supply voltage rated value of magnet coil at DC     0.8       • full-scale value     1.1       operating range factor control supply voltage rated value of magnet coil at AC     0.8       • at 50 Hz     0.8 1.1       • at 50 Hz     0.8 1.1       • at 60 Hz     0.8 1.1       • at 50 Hz     0.8 1.1       • at 50 Hz     0.8 1.1       • at 50 Hz     0.9 1.1       • at 60 Hz     0.9       • at 60 Hz     0.8       • at 60 Hz     0.9       • at 60 Hz     0.9       • at 60 Hz     0.9       • at 60     20 95 ms		23 20 V
operating range factor control supply voltage rated value of magnet coil at DC     0.8       • Initial value     0.8       • Initial value     1.1       operating range factor control supply voltage rated value of magnet coil at AC     0.8       • at 50 Hz     0.8       • at 60 Hz     0.8       • at 50 Hz     0.9       • at 50 Hz     0.8       • at 50 Hz     0.9       • at 50 Hz     0.9       • at 60 Hz     0.9       • at 60 Hz     0.8       • at 0C     20       • at 0C     20       • at 0C     20       • at 0C     20       • at 0C     40       • at 0C     40       • a		22 26.14
value of magnet coll at DC       0.8         • initial value       0.8         • initial value       1.1         operating range factor control supply voltage rated value of magnet coll at AC       0.8 1.1         • at 50 Hz       0.8 1.1         • at 60 Hz       0.8 1.1         design of the surge suppressor       with varistor         apparent plck-up power of magnet coll at AC       0.9         • at 50 Hz       0.9         • at 60 Hz       0.9         at 60 Hz       0.9         • at 60 Hz       0.8         colin       0.8         coling power of magnet coll at DC       5.8 VA         • at 60 Hz       0.8         closing power of magnet coll at DC       5.2 W         closing power of magnet coll at DC       5.2 W         closing power of magnet coll at DC       20 95 ms         • at DC       20 95 ms         • at DC       40 60 ms		23 26 V
• initial value     0.8       • full-scale value     1.1       operating range factor control supply voltage rated value of magnet coil at AC     0.8 1.1       • at 50 Hz     0.8 1.1       • at 60 Hz     0.8 1.1       design of the surge suppressor     with variator       apparent pick-up power of magnet coil at AC     300 VA       • at 60 Hz     300 VA       inductive power factor with closing power of the coil     0.9       • at 60 Hz     0.9       apparent holding power of magnet coil at AC     5.8 VA       • at 60 Hz     0.9       inductive power factor with the holding power of the coil     0.9       • at 60 Hz     0.9       inductive power factor with the holding power of the coil     0.8       • at 60 Hz     0.8       • at 00 Hz     0.8       • at 00 Hz     0.9       •		
• full-scale value       1.1         operating range factor control supply voltage rated value of magnet coil at AC       0.8 1.1         • at 50 Hz       0.8 1.1         • at 60 Hz       0.8 1.1         design of the surge suppressor       with varistor         apparent pick-up power of magnet coil at AC       300 VA         • at 60 Hz       0.9         inductive power factor with closing power of the coil       0.9         • at 60 Hz       0.9         apparent holding power of magnet coil at AC       0.9         • at 50 Hz       0.8         • at 50 Hz       0.9         • at 60 Hz       0.9         inductive power factor with the holding power of the coil       0.9         • at 60 Hz       0.8         otil 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 power of magnet coil at DC       5.2 W         closing belay       4.1 AC         • at DC       20 95 ms         • at DC       20 95 ms         • at DC       40 60 ms         • at DC       40 60 ms         • at DC		0.8
operating range factor control supply voltage rated value of magnet coil at AC         0.8 1.1           • at 50 Hz         300 VA           • at 50 Hz         300 VA           • at 50 Hz         300 VA           • at 60 Hz         0.9           • at 50 Hz         5.8 VA           • at 50 Hz         0.8           • at 50 Hz         0.8           • at 60 Hz         0.9		
value of magnet coil at AC       0.8 1.1         • at 50 Hz       0.8 1.1         design of the surge suppressor       with variator         apparent pick-up power of magnet coil at AC       300 VA         • at 60 Hz       300 VA         inductive power factor with closing power of the coil       0.9         • at 60 Hz       0.9         apparent holding power of magnet coil at AC       0.9         • at 50 Hz       0.9         apparent holding power of magnet coil at AC       0.9         at 60 Hz       0.9         apparent holding power of magnet coil at AC       0.9         apparent holding power of magnet coil at AC       0.9         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 00 Hz       0.8         • at 00 Hz       0.8         • at AC       20 95 ms         • at DC       40 60 ms         • at DC       40 60 ms		1.1
• at 50 Hz       0.8 1.1         • at 60 Hz       0.8 1.1         design of the surge suppressor       with varistor         apparent pick-up power of magnet coil at AC       0.8 1.1         • at 50 Hz       300 VA         • at 50 Hz       300 VA         • at 50 Hz       0.9         • at 50 Hz       0.9         • at 60 Hz       5.8 VA         • at 60 Hz       0.8         • at 0C       20 95 ms         • at AC       20 95 ms         • at AC       40 60 ms         • at AC       40 60 ms         • at DC       40 60 ms <td></td> <td></td>		
design of the surge suppressor       with variator         apparent pick-up power of magnet coil at AC       300 VA         • at 50 Hz       300 VA         inductive power factor with closing power of the coil       0.9         • at 60 Hz       0.9         apparent holding power of magnet coil at AC       5.8 VA         • at 60 Hz       0.9         apparent holding power of magnet coil at AC       5.8 VA         • at 60 Hz       5.8 VA         inductive power factor with the holding power of the coil       0.8         • at 60 Hz       0.8         • at AC       20 95 ms         • at DC       20 95 ms         • at DC       40 60 ms         instantane	-	0.8 1.1
design of the surge suppressor       with variator         apparent pick-up power of magnet coil at AC       300 VA         • at 50 Hz       300 VA         inductive power factor with closing power of the coil       0.9         • at 60 Hz       0.9         apparent holding power of magnet coil at AC       5.8 VA         • at 60 Hz       0.9         apparent holding power of magnet coil at AC       5.8 VA         • at 60 Hz       5.8 VA         inductive power factor with the holding power of the coil       0.8         • at 60 Hz       0.8         • at AC       20 95 ms         • at DC       20 95 ms         • at DC       40 60 ms         instantane	• at 60 Hz	0.8 1.1
apparent pick-up power of magnet coil at AC       300 VA         • at 50 Hz       300 VA         • at 60 Hz       300 VA         inductive power factor with closing power of the coil       0.9         • at 60 Hz       0.9         apparent holding power of magnet coil at AC       5.8 VA         • at 60 Hz       5.8 VA         inductive power factor with the holding power of the coil       0.8         • at 60 Hz       0.8         • at 0 Hz       0.8         • at 0 Hz       0.9         • at 0 C       20 95 ms         • at 0 C       20 95 ms         • at 0 C       40 60 ms         toru		
• at 50 Hz       300 VA         • at 60 Hz       300 VA         inductive power factor with closing power of the coll       0.9         • at 50 Hz       0.9         • at 60 Hz       0.9         apparent holding power of magnet coll at AC       5.8 VA         • at 50 Hz       0.8         • at 60 Hz       0.8         • at 0 Hz       0.8         • at 0 C       5.2 W         closing delay       •         • at AC       20 95 ms         • at DC       40 60 ms         • at DC       2 </td <td></td> <td></td>		
• 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		
• at 60 Hz       5.8 VA         inductive power factor with the holding power of the coil       5.8 VA         • 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       5.2 W         • at AC       20 95 ms         • at DC       20 95 ms         • at AC       40 60 ms         • at DC       40 60 ms         • at DC       5.2 M		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 DC       20 95 ms         opening delay       0 60 ms         • at DC       40 60 ms         • at DC       20 95 ms		
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
<ul> <li>at AC</li> <li>at DC</li> <li>20 95 ms</li> <li>20 95 ms</li> <li>opening delay</li> <li>at AC</li> <li>at DC</li> <li>40 60 ms</li> <li>at DC</li> <li>40 60 ms</li> <li>at DC</li> <li>at</li></ul>		
opening delay     40 60 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     2       number of NC contacts for auxiliary contacts instantaneous contact     2       number of NO contacts for auxiliary contacts     2		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	• 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	
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         number of NO contacts for auxiliary contacts       2		
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	<ul> <li>at 230 V rated value</li> </ul>	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	<ul> <li>at 400 V rated value</li> </ul>	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><ul> <li>at 500 V rated value</li> </ul></td> <td>2 A</td>	<ul> <li>at 500 V rated value</li> </ul>	2 A
<ul> <li>at 24 V rated value</li> <li>at 26 V rated value</li> <li>at 80 V rated value</li> <li>bior single-phase AC motor</li> <li>-at 800 V rated value</li> <li>for single-phase AC motor</li> <li>-at 800 V rated value</li> <li>for single-phase AC motor</li> <li>-at 800 V rated value</li> <li>for both-circuit protection of the mai circuit</li> <li>-with type of coordination 1 required</li> <li>gc 355 A (800 V, 100 kA)</li> <li>gc 355 A (800 V,</li></ul>	<ul> <li>at 690 V rated value</li> </ul>	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)   <	<ul> <li>at 24 V rated value</li> </ul>	10 A
	<ul> <li>at 48 V rated value</li> </ul>	6 A
<ul> <li>at 125 V rated value</li> <li>at 220 V rated value</li> <li>1 A</li> <li>at 220 V rated value</li> <li>0.15 A</li> </ul> operational current at DC-13 <ul> <li>at 24 V rated value</li> <li>at 24 V rated value</li> <li>2 A</li> <li>at 80 V rated value</li> <li>2 A</li> <li>at 80 V rated value</li> <li>2 A</li> <li>at 125 V rated value</li> <li>2 A</li> <li>at 125 V rated value</li> <li>3 A</li> <li>at 125 V rated value</li> <li>3 A</li> <li>at 220 V rated value</li> <li>3 A</li> <li>at 250 V rated value</li> <li>3 A</li> <li>at 250 V rated value</li> <li>3 A</li> <li>at 250 V rated value</li> <li>3 A</li> <li>at 600 V rated value</li> <li>3 A</li> <li>at 600 V rated value</li> <li>1 Fully switching per 100 million (17 V, 1 mA)</li> <li>U/UCSA ratings</li> <li>full-back current (FLA) for 3-phase AC motor</li> <li>at 480 V rated value</li> <li>180 A</li> <li>at 800 V rated value</li> <li>192 A</li> <li>yielded mechanical performance (hp)</li> <li>for single-phase AC motor</li> <li>- at 202/20 V rated value</li> <li>192 A</li> <li>yielded mechanical performance (hp)</li> <li>for single-phase AC motor</li> <li>- at 202/20 V rated value</li> <li>50 hp</li> <li>- at 202/20 V rated value</li> <li>20 hp</li> <li>contact rating of auxiliary contacts according to UL</li> <li>A600 / Q600</li> </ul> Short-circuit protection of the auxiliary switch required <ul> <li>of system closed on of the auxiliary switch required</li> <li>- with type of coordination 1 required</li> <li>- with t</li></ul>	<ul> <li>at 60 V rated value</li> </ul>	6 A
<ul> <li>ist 220 V rated value</li> <li>ist 220 V rated value</li> <li>0.15 A</li> <li>operational current it DC-13</li> <li>ist 24 V rated value</li> <li>10 A</li> <li>ist 24 V rated value</li> <li>2 A</li> <li>ist 60 V rated value</li> <li>2 A</li> <li>ist 10 V rated value</li> <li>0.9 A</li> <li>ist 220 V rated value</li> <li>0.9 A</li> <li>ist 220 V rated value</li> <li>0.1 A</li> <li>contact reliability of auxillary contacts</li> <li>1 faulty switching per 100 million (17 V, 1 mA)</li> <li>UUCSA ratings</li> <li>ist 60 V rated value</li> <li>10 A</li> <li>ist 60 V rated value</li> <li>0.1 A</li> <li>contact reliability of auxillary contacts</li> <li>1 faulty switching per 100 million (17 V, 1 mA)</li> <li>UUCSA ratings</li> <li>ist 60 V rated value</li> <li>180 A</li> <li>ist 60 V rated value</li> <li>192 A</li> <li>yielded mechanical performance (tp)</li> <li>if or single-phase AC motor</li> <li>- at 200/208 V rated value</li> <li>192 A</li> <li>yielded value</li> <li>192 A</li> <li>yielded value</li> <li>200 hp</li> <li>- at 370:600 V rated value</li> <li>150 hp</li> <li>- at 370:600 V rated value</li> <li>150 hp</li> <li>- at 370:600 V rated value</li> <li>200 hp</li> <li>contact rating of auxillary contacts according to UL</li> <li>A600 / 0600</li> <li>bion-circuit protection of the main circuit</li> <li>- for short-circuit protection of the auxillary switch required</li> <li>- for short-circuit protection of the auxillary switch required</li> <li>- for short-circuit protection of the auxillary switch required</li> <li>- for short-circuit protection of the auxillary switch required</li> <li>- for short-circuit protection of the auxillary switch required</li> <li>- for swards</li> <li>- for wards</li> <li>- for wards</li> <li>- for wards</li> <li>- downwards</li> <li>- mainti</li></ul>	<ul> <li>at 110 V rated value</li> </ul>	3 A
	<ul> <li>at 125 V rated value</li> </ul>	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	<ul> <li>at 220 V rated value</li> </ul>	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	<ul> <li>at 24 V rated value</li> </ul>	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	<ul> <li>at 48 V rated value</li> </ul>	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 (	<ul> <li>at 60 V rated value</li> </ul>	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)
<ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>192 A</li> <li>10 hp</li> <li>12 00/208 V rated value</li> <li>10 hp</li> <li>12 00/208 V rated value</li> <li>10 hp</li> <li>12 00/208 V rated value</li> <li>10 hp</li> <li>12 00 hp</li> <li>13 0 hp</li> <li>14 60/480 V rated value</li> <li>20 0 hp</li> <li>15 0 hp</li> <li>15 0 hp</li> <li>15 0 hp</li> <li>16 0 hp</li> <li>17 0 hp</li> <li>18 (690 V, 100 kA)</li> <li>19 0 (690 V, 50 kA), BS88: 315 A (415 V, 50 kA)</li> <li>15 A (690 V, 100 kA)</li> <li>15 A (690 V, 100 kA)</li> <li>16 (690 V, 100 kA)</li> <li>16 (690 V, 100 kA)</li> <li>17 0 kA</li> <li>18 (1600 V, 100 kA)</li> <li>17 0 mn</li> <li>18 (160 - 100</li></ul>	UL/CSA ratings	
<ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>192 A</li> <li>10 hp</li> <li>12 00/208 V rated value</li> <li>10 hp</li> <li>12 00/208 V rated value</li> <li>10 hp</li> <li>12 00/208 V rated value</li> <li>10 hp</li> <li>12 00 hp</li> <li>13 0 hp</li> <li>14 60/480 V rated value</li> <li>20 0 hp</li> <li>15 0 hp</li> <li>15 0 hp</li> <li>15 0 hp</li> <li>16 0 hp</li> <li>17 0 hp</li> <li>18 (690 V, 100 kA)</li> <li>19 0 (690 V, 50 kA), BS88: 315 A (415 V, 50 kA)</li> <li>15 A (690 V, 100 kA)</li> <li>15 A (690 V, 100 kA)</li> <li>16 (690 V, 100 kA)</li> <li>16 (690 V, 100 kA)</li> <li>17 0 kA</li> <li>18 (1600 V, 100 kA)</li> <li>17 0 mn</li> <li>18 (160 - 100</li></ul>	full-load current (FLA) for 3-phase AC motor	
yielded mechanical performance [hp] <ul> <li>for single-phase AC motor</li> <li>at 230 V rated value</li> <li>for 3-phase AC motor</li> <li>at 200/208 V rated value</li> <li>for 400/208 V rated value</li> <li>at 200/208 V rated value</li> <li>for 400/40 V rated value</li> <li>for 5-phase AC motor</li> <li>at 200/208 V rated value</li> <li>for 400/40 V rated value</li> <li>for 400/40 V rated value</li> <li>for 400/40 V rated value</li> <li>for 575/600 V rated value</li> <li>for 400/40 V rated value</li> <li>for 575/600 V rated value</li> <li>gc 355 A (690 V, 100 kA)</li> <li>for short-circuit protection of the main circuit</li> <li>gc 355 A (690 V, 100 kA)</li> <li>gc 355 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA)</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>gG 30 A (500 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA)</li> <li>gc 315 A (500 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA)</li> <li>gc 315 A (500 V, 1 kA)</li> <li>fastening method</li> <li>side-by-side mounting</li> <li>yc side mounting</li> <li>Ye s</li> <li>height</li> <li>yc side mounting</li> <li>Ye s</li> <li>height</li> <li>yc mm</li> <li>with side-by-side mounting</li> <li>yc side mounting</li> <li>yc side mounting</li> <li>forwards</li></ul>	• at 480 V rated value	180 A
<ul> <li>for single-phase AC motor</li> <li>at 200 V rated value</li> <li>for 3-phase AC motor</li> <li>at 200/28 V rated value</li> <li>60 hp</li> <li>at 200/28 V rated value</li> <li>75 hp</li> <li>at 460/480 V rated value</li> <li>150 hp</li> <li>at 4575/600 V rated value</li> <li>200 hp</li> <li>contact rating of auxiliary contacts according to UL</li> <li>A600 / Q600</li> <li>Short-circuit protection</li> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>g6: 355 A (690 V, 100 kA)</li> <li>g6: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA)</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>g6: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA)</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>with type of assignment 2 required</li> <li>g6: 10 A (500 V, 1 kA)</li> <li>fastening method</li> <li>screw fixing</li> <li>side-by-side mounting</li> <li>with side-by-side mounting</li> <li>with side-by-side mounting</li> <li>with side-by-side mounting</li> <li>auxids</li> <li>auxids<td>• at 600 V rated value</td><td>192 A</td></li></ul>	• 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	<ul> <li>for single-phase AC motor</li> </ul>	
- 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	<ul> <li>for 3-phase AC motor</li> </ul>	
	— 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 <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> <ul> <li>for short-circuit protection of the auxiliary switch required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>gG: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA)</li> <li>gG: 10 A (500 V, 1 kA)</li> <li>gG: 10 A (500 V, 1 kA)</li> </ul> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>side-by-side mounting</li> <li>with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing</li> <li>screw fixing</li> <li>vert fixing</li> <li>Yes</li> <li>height</li> <li>with side-by-side mounting</li> <li>with side-by-side mounting</li> <li>with side-by-side mounting</li> <li>of orwards</li> <li>of ownwards</li> <li>a downwards</li> <li>a downwards</li> <li>a downwards</li> <li>a the side</li> <li>o mm</li> <li>of orgounded parts</li>	contact rating of auxiliary contacts according to UL	A600 / Q600
design of the fuse link <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> <ul> <li>for short-circuit protection of the auxiliary switch required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>gG: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA)</li> <li>gG: 10 A (500 V, 1 kA)</li> <li>gG: 10 A (500 V, 1 kA)</li> </ul> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>side-by-side mounting</li> <li>with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing</li> <li>screw fixing</li> <li>vert fixing</li> <li>Yes</li> <li>height</li> <li>with side-by-side mounting</li> <li>with side-by-side mounting</li> <li>with side-by-side mounting</li> <li>of orwards</li> <li>of ownwards</li> <li>a downwards</li> <li>a downwards</li> <li>a downwards</li> <li>a the side</li> <li>o mm</li> <li>of orgounded parts</li>	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	<ul> <li>for short-circuit protection of the main circuit</li> </ul>	
- 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
<ul> <li>at the side</li> <li>for grounded parts</li> </ul>	— upwards	10 mm
for grounded parts		10 mm
	— at the side	0 mm
— forwards 20 mm	<ul> <li>for grounded parts</li> </ul>	
	— forwards	20 mm

unworda	10 mm	
— upwards	10 mm	
— at the side	10 mm	
— downwards	10 mm	
<ul> <li>for live parts</li> </ul>		
— forwards	20 mm	
— upwards	10 mm	
— downwards	10 mm	
— at the side	10 mm	
Connections/ Terminals		
type of electrical connection		
<ul> <li>for main current circuit</li> </ul>	Connection bar	
<ul> <li>for auxiliary and control circuit</li> </ul>	screw-type terminals	
<ul> <li>at contactor for auxiliary contacts</li> </ul>	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		
<ul> <li>at AWG cables for main contacts</li> </ul>	4 250 kcmil	
connectable conductor cross-section for main		
contacts		
stranded	25 120 mm²	
connectable conductor cross-section for auxiliary		
contacts		
<ul> <li>solid or stranded</li> </ul>	0.5 4 mm²	
<ul> <li>finely stranded with core end processing</li> </ul>	0.5 2.5 mm²	
type of connectable conductor cross-sections		
<ul> <li>for auxiliary contacts</li> </ul>		
— solid	2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )	
— solid or stranded	2x (0,5 1,5 mm <sup>2</sup> ), 2x (0,75 2,5 mm <sup>2</sup> ), max. 2x (0,75 4 mm <sup>2</sup> )	
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	
<ul> <li>at AWG cables for auxiliary contacts</li> </ul>	2x (20 16), 2x (18 14), 1x 12	
AWG number as coded connectable conductor cross		
section		
<ul> <li>for auxiliary contacts</li> </ul>	18 14	
Safety related data		
product function		
<ul> <li>mirror contact according to IEC 60947-4-1</li> </ul>	Yes	
<ul> <li>positively driven operation according to IEC 60947- 5-1</li> </ul>	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		
<ul> <li>safety-related switching OFF</li> </ul>	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 <sup>2</sup> t, Let-through current	
https://support.industry.siemens.com/cs/ww/en/ps/3RT1056-		
Further characteristics (e.g. electrical endurance, switch	i <b>ng frequency)</b> =Search&mlfb=3RT1056-6AB36-Z X95&objecttype=14&qridview=view1	



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