## SIEMENS

## Data sheet

## 3RT2026-2BF44



power contactor, AC-3e/AC-3, 25 A, 11 kW / 400 V, 3-pole, 110 V DC, auxiliary contacts: 2 NO + 2 NC, spring-loaded terminal, size: S0, removable auxiliary switch

product brand name         SiRlUS           product brand dasi         Power contactor           orboral tachulcal data         SIRT2           consort tachulcal data         S0           size of contactor         S0           orburdt tachulcal data         No           • function module for communication         No           • auxiliary switch         No           • at AC in hot operating state         5.7 W           • at AC in hot operating state per pole         1.9 W           • without boad current share typical         5.9 W           • of main circul with degree of pollution 3 rated value         690 V           • of auxiliary circul rated value         690 V           • of auxiliary circul rated value         64 kV           • of auxiliary circul rated value         64 kV           • of auxiliary circul rated value         64 kV           • of auxiliary switch         10 g / 5 ms, 7.5g / 10 ms           stock resistance at rectangular impulse         10 g / 5 ms, 7.5g / 10 ms           • at DC         10 g / 5 ms, 7.5g / 10 ms           machanicat service life (operating cycles)         10 000 000           • of the contactor with added electronically optimized auxiliary switch block typical         10 000 000           • of the contactor with added electroni		
product type designation         SRT2           General technical data	product brand name	SIRIUS
General technical data     S0       size of contactor     S0       product extension     No       • function module for communication     No       • auxiliary switch     No       power loss [W] for rated value of the current     5.7 W       • at AC in hot operating state     5.7 W       • at AC in hot operating state     5.7 W       • at AC in hot operating state projel     1.9 W       • without load current share typical     59 W       insulation voltage     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit rated value     64 V       • of main circuit rated value     64 V       • of main circuit rated value     64 V       • of auxiliary circuit rated value     64 V       • of auxiliary circuit rated value     64 V       • of auxiliary circuit rated value     100 V       • at DC     10g / 5 ms, 7,5g / 10 ms       • at DC     15g / 5 ms, 10g / 10 ms       mechanical service life (operating cycles)     1000 000       • of the contactor with added auxiliary switch block typical     10000 000       • of the contactor with added auxiliary switch block typical     10000 000       • of the contactor with added auxillary switch block typical	product designation	Power contactor
size of contactor     S0       product extension     No       • function module for communication     No       • auxiliary switch     No       power loss [W] for rated value of the current     5.7 W       • at AC in hot operating state     5.7 W       • at AC in hot operating state per pole     1.9 W       • without load current share typical     5.9 W       Insulation voltage     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit rated value     64 V       • of auxiliary circuit rated value     64 V       • of main circuit rated value     64 V       • of main circuit rated value     64 V       • of auxiliary switch block typical     100 V       • of contactor swith added electronically optimized     100 V       • of the contactor with added electronically optimized     1000 000       • of the contactor with added auxiliary switch block typical     10000 000       • of the contactor with added auxiliary switch block typical     10000 000       • of the contactor with added electronically optimized     000 000	product type designation	3RT2
product extension     No       • function module for communication     No       • auxiliary switch     No       • at AC in hot operating state     5.7 W       • at AC in hot operating state per pole     1.9 W       • without load current share typical     5.9 W       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit rated value     690 V       • of main circuit rated value     690 V       • of main circuit rated value     64V       • of contactor with sine pulse     10g / 5 ms, 7,5g / 10 ms       • at DC     15g / 5 ms, 10g / 10 ms       mechanical service life (operating cycles)     100 000 000       • of the contactor with added electronically optimized     5000 000       auxiliary switch block typical     10000 000       reference cod according to IEC 81345-2     Q       Sub	General technical data	
• function module for communication         No           • auxiliary switch         No           power loss [V] for rated value of the current         -           • at AC in hot operating state         5.7 W           • at AC in hot operating state per pole         1.9 W           • without load current share typical         5.9 W           Insulation voltage         690 V           • of main circuit with degree of pollution 3 rated value         690 V           • of main circuit with degree of pollution 3 rated value         690 V           • of main circuit ated value         6kV           • of main circuit rated value         6kV           • of auxiliary circuit rated value         6 kV           • of auxiliary circuit rated value         100 V           • ot contacter voltage         100 / 5 ms, 7.5g / 10 ms           • at DC         10g / 5 ms, 7.5g / 10 ms           • at DC         100 000 000           • of the contactor with added electronically optimized auxiliary switch block typical         10 000 000           • of the contactor with added auxiliary switch block typical         10 000 000 <tr< th=""><th>size of contactor</th><th>SO</th></tr<>	size of contactor	SO
exakliary switch         No           power loss [W] for rated value of the current	product extension	
power loss [W] for rated value of the current         • at AC in hot operating state       5.7 W         • at AC in hot operating state per pole       1.9 W         • without load current share typical       5.9 W         Insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of auxiliary circuit with degree of pollution 3 rated value       690 V         • of auxiliary circuit with degree of pollution 3 rated value       690 V         • of main circuit rated value       6 kV         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary swi	<ul> <li>function module for communication</li> </ul>	No
• at AC in hot operating state     5.7 W       • at AC in hot operating state per pole     1.9 W       • without load current share typical     5.9 W <b>insulation voltage</b> 690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     64 V       • of auxiliary circuit rated value     6 kV       • of auxiliary circuit rated value     6 kV       • at DC     10g / 5 ms, 7.5g / 10 ms       shock resistance with sine pulse     15g / 5 ms, 10g / 10 ms       • at DC     100 0000       • of contactor with added electronically optimized     5 000 000       • of the contactor with added electronically optimized     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical <th>auxiliary switch</th> <th>No</th>	auxiliary switch	No
• at AC in hot operating state per pole       1.9 W         • without load current share typical       5.9 W         insulation voltage       60 M         • of main circuit with degree of pollution 3 rated value       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         maximum permissible voltage for protective separation between coll and main contacts according to EN 60947-1       400 V         • at DC       10g / 5 ms, 7,5g / 10 ms         • at DC       10g / 5 ms, 7,5g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         • at DC       10 000 000         • of contactor typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to EC 81346-2	power loss [W] for rated value of the current	
• without load current share typical       5.9 W         Insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         surge voltage resistance       690 V         • of main circuit with degree of pollution 3 rated value       680 V         surge voltage resistance       6 kV         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         out and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse       400 V         • at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       10g / 5 ms, 7,5g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 01/2009         Ambient conditions<	<ul> <li>at AC in hot operating state</li> </ul>	5.7 W
Insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of main circuit with degree of pollution 3 rated value       690 V         surge voltage resistance       61 w         • of main circuit rated value       6 kV         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         maximum permissible voltage for protective separation between coll and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse       400 V         • at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       -         • at DC       10g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       -         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Ambient temperature       -         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative	<ul> <li>at AC in hot operating state per pole</li> </ul>	1.9 W
• of main circuit with degree of pollution 3 rated value     690 V       • of auxiliary circuit with degree of pollution 3 rated value     690 V       surge voltage resistance     690 V       • of main circuit rated value     6 kV       • of auxiliary circuit rated value     6 kV       maximum permissible voltage for protective separation between coli and main contacts according to EN 60947-1     400 V       shock resistance at rectangular impulse     10g / 5 ms, 7,5g / 10 ms       • at DC     10g / 5 ms, 7,5g / 10 ms       shock resistance with sine pulse     15g / 5 ms, 10g / 10 ms       • at DC     100 000       • of contactor with added electronically optimized auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     00 00 000       installation altitude at height above sea level maximum <th><ul> <li>without load current share typical</li> </ul></th> <th>5.9 W</th>	<ul> <li>without load current share typical</li> </ul>	5.9 W
• of auxiliary circuit with degree of pollution 3 rated value       690 V         surge voltage resistance       6 kV         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • ad DC       400 V         • at DC       10g / 5 ms, 7,5g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         • at DC       10 000 000         • of contactor typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added set event maximum       2 000 m         ambient conditions       2 000 m         • installation altitude at height above sea level maximum       2 000 m         • during operation       -25 +60 °C	insulation voltage	
surge voltage resistance       6 kV         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       10g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Ambient conditions       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity at 55 °C according to IEC 60068-2-30 maximum       95 %	<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V
• of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         maximum permissible voltage for protective separation between coll and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse       10g / 5 ms, 7,5g / 10 ms         • at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       10g / 5 ms, 10g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       00000         • of the contactor vith added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Ambient conditions       2000 m         ambient temperature       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity at 55 °C according to IEC 60068-2-30       95 %	<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>	690 V
• of auxiliary circuit rated value       6 kV         maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse       400 / 5 ms, 7,5g / 10 ms         • at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       -         • at DC       15g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       -         • of contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         • during sporage       -25 +60 °C         • during storage       55 % +80 °C         relative humidity minimum       10 %         95 %       55 %	surge voltage resistance	
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse <ul> <li>at DC</li> <li>tog / 5 ms, 7,5g / 10 ms</li> </ul> shock resistance with sine pulse <ul></ul>	<ul> <li>of main circuit rated value</li> </ul>	6 kV
coil and main contacts according to EN 60947-1         shock resistance at rectangular impulse         • at DC         10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse         • at DC         15g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)         • of contactor typical         • of the contactor with added electronically optimized auxiliary switch block typical         • of the contactor with added auxiliary switch block typical         • of the contactor with added auxiliary switch block typical         • of the contactor is the added auxiliary switch block typical         • of the contactor is according to IEC 81346-2         Q         Substance Prohibitance (Date)         Installation altitude at height above sea level maximum         2 000 m         ambient temperature         • during operation         • during storage         • during storage         • during storage         • of the humidity minimum         10 %         relative humidity at 55 °C according to IEC 60068-2-30 maximum	<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV
• at DC10g / 5 ms, 7,5g / 10 msshock resistance with sine pulse15g / 5 ms, 10g / 10 ms• at DC15g / 5 ms, 10g / 10 msmechanical service life (operating cycles)0000 000• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor (Date)2000 m• attribute at height above sea level maximum2 000 m• during operation-25 +60 °C• during storage-55 +80 °C• relative humidity at 55 °C according to IEC 60068-2-3095 %• Main circuit•		400 V
shock resistance with sine pulse       15g / 5 ms, 10g / 10 ms         e at DC       15g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       0 000 000         • 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         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         • during operation       -25 +80 °C         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit	shock resistance at rectangular impulse	
• at DC15g / 5 ms, 10g / 10 msmechanical service life (operating cycles)0• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 mambient temperature-25 +60 °C• during operation-25 +60 °C• during storage-55 +80 °Crelative humidity minimum10 %maximum95 %	• at DC	10g / 5 ms, 7,5g / 10 ms
mechanical service life (operating cycles)       10 000 000         • 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         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         • during operation       -25 +80 °C         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit	shock resistance with sine pulse	
• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 mambient temperature • during operation • during storage-25 +60 °C• during storage-55 +80 °Crelative humidity minimum10 %relative humidity at 55 °C according to IEC 60068-2-30 maximum95 %	• at DC	15g / 5 ms, 10g / 10 ms
of the contactor with added electronically optimized auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     installation attitude at height above sea level maximum     ambient conditions     installation altitude at height above sea level maximum     of during operation     of during storage     installation attitude to the contactor between the store of the contactor     installation attitude at height above sea level maximum     of during storage     installation attitude at height above sea level maximum     installation attitude at height above sea level maximum     installation attitude at height above sea level maximum     aution     installation attitude at height above sea level maximum     aution     installation attitude at height above sea level maximum     aution     aution	mechanical service life (operating cycles)	
auxiliary switch block typical10 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 mambient temperature-25 +60 °C• during operation-25 +60 °C• during storage-55 +80 °Crelative humidity minimum10 %Patient conditions95 %	<ul> <li>of contactor typical</li> </ul>	10 000 000
reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         • 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 %		5 000 000
Substance Prohibitance (Date)       10/01/2009         Ambient conditions       installation altitude at height above sea level maximum         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         • 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 %	<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	10 000 000
Ambient conditions         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         • 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	reference code according to IEC 81346-2	Q
installation altitude at height above sea level maximum       2 000 m         ambient temperature <ul> <li>during operation</li> <li>-25 +60 °C</li> <li>during storage</li> <li>-55 +80 °C</li> </ul> relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30 maximum       95 %         Main circuit       400 m	Substance Prohibitance (Date)	10/01/2009
ambient temperature     -25 +60 °C       • 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	Ambient conditions	
• 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	installation altitude at height above sea level maximum	2 000 m
• during storage     -55 +80 °C       relative humidity minimum     10 %       relative humidity at 55 °C according to IEC 60068-2-30 maximum     95 %       Main circuit     -55 +80 °C	ambient temperature	
relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30 maximum       95 %         Main circuit       40 %	during operation	-25 +60 °C
relative humidity at 55 °C according to IEC 60068-2-30       95 %         maximum       95 %         Main circuit       95 %	during storage	-55 +80 °C
Main circuit	relative humidity minimum	10 %
		95 %
number of poles for main current circuit	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	690 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
operational current	
• at AC-1 at 400 V at ambient temperature 40 °C rated	40 A
value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	40 A
— up to 690 V at ambient temperature 60 °C rated	35 A
value	
● at AC-3	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-3e	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-4 at 400 V rated value	15.5 A
at AC-5a up to 690 V rated value	35.2 A
<ul> <li>at AC-5b up to 400 V rated value</li> <li>at AC-6a</li> </ul>	20.7 A
	20.2 A
— up to 230 V for current peak value n=20 rated value	
<ul> <li>— up to 400 V for current peak value n=20 rated value</li> <li>— up to 500 V for current peak value n=20 rated value</li> </ul>	20.2 A 20.2 A
— up to 690 V for current peak value n=20 rated value	12.9 A
at AC-6a	12.9 A
<ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>	13.5 A
— up to 200 V for current peak value n=30 rated value	13.5 A
— up to 500 V for current peak value n=30 rated value	13.5 A
— up to 690 V for current peak value n=30 rated value	13 A
minimum cross-section in main circuit at maximum AC-1 rated	10 mm <sup>2</sup>
value	
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	9 A
at 690 V rated value	9A
operational current	
<ul> <li>at 1 current path at DC-1</li> </ul>	
— at 24 V rated value	35 A
— at 60 V rated value	20 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.4 A
— at 600 V rated value	0.25 A
<ul> <li>with 2 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	5 A
— at 440 V rated value	1 A
— at 600 V rated value	0.8 A
<ul> <li>with 3 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	35 A
— at 440 V rated value	2.9 A
— at 600 V rated value	1.4 A
<ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>	

- alt 3/V rited value     20 Å       - alt 10/V rited value     5 Å       - alt 20/V rited value     1 Å       - alt 40/V rited value     0.00 Å       - alt 40/V rited value     0.00 Å       - alt 40/V rited value     0.00 Å       - alt 40/V rited value     35 Å       - alt 40/V rited value     36 Å       - alt 40/V rited value     11 M/V       - alt 40/V rited value     55 M/V       - alt 40/V rited value     11 M/V       - alt 40/V rited value     11 M/V       - alt 40/V rited value     11 M/V       - alt 40/V rite					
- # 110 Y rated value         25 Å           - # 22 V Yrated value         0.00 Å           - # 460 V rated value         0.00 Å           - # 100 V rated value         0.00 Å           - # 100 V rated value         35 Å           - # 101 V rated value         35 Å           - # 101 V rated value         35 Å           - # 24 V rated value         35 Å           - # 24 V rated value         36 Å           - # 240 V rated value         36 Å           - # 240 V rated value         36 Å           - # 210 V rated value         11 KW           - # 4100 V rated value         11 KW           - # 4100 V rated value         55 KW           - # 4100 V rated value         55 KW           - # 4100 V rate	— at 24 V rated value	20 A			
- al 220 Vield value1 A- al 440 Vield value006 A- al 420 Vield value006 A- al 420 Vield value3 A- al 430 Vield value3 A- al 430 Vield value15 A- al 430 Vield value16 A- al 430 Vield value0.05 A- al 430 Vield value16 A- al 430 Vield value0.05 A- al 430 Vield value0.15 A- al 430 Vield value0.15 A- al 430 Vield value0.16 A- al 430 Vield value0.5 A- al 430 Vield value0.6 A- al 430 Vield value0.5 SiW- al 430 Vield value11 W- al 430 Vield value5 SiW- al 430 Vield value5 SiW- al 430 Vield value5 SiW- al 430 Vield value6 SiW- al 430 Vield value5 SiW- al 430 Vie	— at 60 V rated value	5 A			
	— at 110 V rated value	2.5 A			
	— at 220 V rated value	1 A			
• with 2 current paths in series at DC-3 at DC-5>- at 32 V rated value35 A- at 40 V rated value35 A- at 410 V rated value15 A- at 420 V rated value0.27 A- at 420 V rated value0.27 A- at 420 V rated value0.27 A- at 420 V rated value0.16 A- at 420 V rated value0.5 A- at 420 V rated value0.5 A- at 420 V rated value0.6 A- at 420 V rated value1.1 kW- at 420 V rated value3.5 kW- at 420 V rated value1.1 kW- at 420 V rated value1.2 kW	— at 440 V rated value	0.09 A			
	— at 600 V rated value	0.06 A			
	<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>				
- al 110 V ridel value         16 Å           - al 220 V ridel value         37 Å           - al 600 V ratel value         0.16 Å           - al 600 V ratel value         36 Å           - al 610 V ratel value         36 Å           - al 610 V ratel value         36 Å           - al 600 V ratel value         11 KW           - al 600 V ratel value         10 KA           - al 600 V ratel value         10 KA <tr< td=""><td>— at 24 V rated value</td><td>35 A</td></tr<>	— at 24 V rated value	35 A			
- al 220 V rated value3 A- al 400 V rated value027 A- al 600 V rated value027 A- al 600 V rated value3 SA- al 600 V rated value3 SA- al 600 V rated value3 SA- al 220 V rated value3 SA- al 410 V rated value0 SA- al 4200 V rated value11 kW- al 400 V rated value10 kV rated value- al 400 V rated value10 kV rated value- al 400 V rated value10 kV rated value- al 400 V rated value10 kV rated value <trr>- al 400 V rated value10 kV r</trr>	— at 60 V rated value	35 A			
	— at 110 V rated value	15 A			
	— at 220 V rated value	3 A			
• with 3 current paths in series at DC-3 at DC-5SA	— at 440 V rated value	0.27 A			
• with 3 current paths in series at DC-3 at DC-3SA- at 24 V rated value35 A- at 25 V rated value35 A- at 110 V rated value35 A- at 220 V rated value0 A- at 220 V rated value0 A- at 230 V rated value0 A- at 230 V rated value0 A- at 230 V rated value1 KW- at 230 V rated value1 KW- at 600 V rated value n=20 rated value1 KW- at 600 V rated value n=20 rated value1 SWA- at 600 V fracturent pack value n=20 rated value1 SWA- at 600 V fracturent pack value n=20 rated value1 SWA- at 600 V fracturent pack value n=20 rated value1 SWA- at 600 V fracturent pack value n=30 rated value3 SWA- at 600 V	— at 600 V rated value	0.16 A			
	<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>				
	-	35 A			
operating power <ul> <li>at AC-3</li> <li>at AC-3</li> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>t W</li> <li>at 600 V rated value</li> <li>t W</li> <li>at AC-3e</li> <li>at AC-3e</li> <li>at AC-3e</li> <li>at 600 V rated value</li> <li>t KW</li> <li>at AC-3e</li> <li>at AO V rated value</li> <li>t KW</li> <li>at AO V rated value</li> <li>t KW</li> <li>at 600 V rated value</li> <li>t KW</li> <li>at 600 V rated value</li> <li>t KW</li> <li>at 600 V rated value</li> <li>t KW</li> </ul> <ul> <li>at 400 V rated value</li> <li>t KW</li> <li>at 600 V rated value</li> <li>t KW</li> <li>at 600 V rated value</li> <li>t KW</li> <li>at 600 V for current peak value n=20 rated value</li> <li>t KVA</li> <li>up to 500 V for current peak value n=20 rated value</li> <li>t KVA</li> <li>up to 500 V for current peak value n=20 rated value</li> <li>t KVA</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>t KVA</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>t KVA</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>t KVA</li> <li>t to to 10 s switching at zero current maximum</li> <li>t kinted to 1 s switching at zero current maximum</li></ul>					
• at AC-3       - at 230 V rated value       5.5 kW         - at 430 V rated value       11 kW         - at 690 V rated value       11 kW         - at 690 V rated value       11 kW         - at 690 V rated value       11 kW         - at 230 V rated value       5.5 kW         - at 400 V rated value       5.5 kW         - at 400 V rated value       11 kW         - at 690 V rated value       11 kW         - at 400 V rated value       11 kW         - at 690 V rated value       11 kW         - at 690 V rated value       14 kW         - at 690 V rated value       7.7 kW         operating apparent power at AC-68       8 kVA         • up to 500 V for current pack value n=20 rated value       13.4 kVA         • up to 600 V for current pack value n=20 rated value       15.4 kVA         operating apparent power at AC-68       5.3 kVA         • up to 630 V for current pack value n=30 rated value       5.3 kVA         • up to 630 V for current pack value n=30 rated value       15.4 kVA         operating apparent power at AC-68       5.3 kVA         • up to 630 V for cu					
at 500 V rated value11 kW at 600 V rated value11 kW• at AC-3e at 230 V rated value5.5 kW at 600 V rated value11 kW at 600 V rated value24 kW at 600 V rated value7.7 kWoperating apparent power at AC-6a8 kVA up to 230 V for current peak value n=20 rated value13.9 kVA up to 230 V for current peak value n=20 rated value15.4 kVA up to 600 V for current peak value n=20 rated value5.3 kVA up to 600 V for current peak value n=30 rated value9.3 kVA up to 600 V for current peak value n=30 rated value5.3 kVA up to 600 V for current peak value n=30 rated value15.5 kVA opt 650 V for current peak value n=30 rated value15.5 kVA opt 650 V for current peak value n=30 rated value15.5 kVA opt 650 V for current peak value n=30 rated value11.6 kVA up to 650 V for current peak value n=30 rated value15.5 kVA opt 650 V for current peak value n=30 rated value15.5 kVA opt 650 V for current peak value n=30 rated value15.5 kVA opt 650 V for current peak value n=30 rated value11.6 kVA up to 600 V for current peak value n=10 rated value11.6 kVA opt 650 V for current peak valu					
e at AC-3e <ul> <li>at AC-3e</li> <li>at 230 V rated value</li> <li>5.5 WW</li> <li>at 400 V rated value</li> <li>11 kW</li> <li>at 600 V rated value</li> <li>11 kW</li> <li>at 600 V rated value</li> <li>11 kW</li> <li>at 600 V rated value</li> <li>11 kW</li> </ul> <li>at 600 V rated value</li> <li>11 kW</li> <li>at 600 V rated value</li> <ul> <li>4</li> <li>ww for approx. 20000 operating cycles at AC-4</li> <li>at 600 V rated value</li> <li>A KW</li> <li>at 600 V rated value</li> <li>A KW</li> <li>at 600 V rated value</li> <li>A KW</li> <li>at 600 V rated value</li> <li>A KWA</li> <li>wa to 600 V for current peak value n=20 rated value</li> <li>8 kVA</li> <li>wa to 800 V for current peak value n=20 rated value</li> <li>10.4 kVA</li> <li>wa to 800 V for current peak value n=20 rated value</li> <li>10.4 kVA</li> <li>wa to 800 V for current peak value n=20 rated value</li> <li>10.4 kVA</li> <li>wa to 600 V for current peak value n=20 rated value</li> <li>10.4 kVA</li> <li>wa to 600 V for current peak value n=30 rated value</li> <li>10.4 kVA</li> <li>wa to 600 V for current peak value n=30 rated value</li> <li>10.4 kVA</li> <li>wa to 600 V for current peak value n=30 rated value</li> <li>10.6 kVA</li> <li>wa to 600 V for current peak value n=30 rated value</li> <li>10.6 kVA</li> <li>wa to 600 V for current maximum</li> <li>10.6 kVA</li> <li>wa to 600 v for current maximum</li> <li>10.6 kVA</li> <li>wa to 60 s witching at zero current maximum</li></ul>					
		11 KW			
at 500 V rated value     11 kW       at 600 V rated value     11 kW       operating power for approx. 200000 operating cycles at AC- 4.     4       • at 400 V rated value     4.4 kW       • at 600 V rated value     4.4 kW       • at 600 V rated value     4.4 kW       • at 600 V rated value     7. kW       operating apparent power at AC-6a     8 kVA       • up to 230 V for current peak value n=20 rated value     13.9 kVA       • up to 500 V for current peak value n=20 rated value     17.4 kVA       • up to 500 V for current peak value n=20 rated value     15.4 kVA       • up to 530 V for current peak value n=30 rated value     5.3 kVA       • up to 500 V for current peak value n=30 rated value     5.3 kVA       • up to 500 V for current peak value n=30 rated value     15.4 kVA       • up to 500 V for current peak value n=30 rated value     15.5 kVA       • up to 500 V for current peak value n=30 rated value     15.5 kVA       • up to 500 V for current peak value n=30 rated value     15.5 kVA       • up to 500 V for current maximum     300 A; Use minimum cross-section acc. to AC-1 rated value       • limited to 1s switching at zero current maximum     210 A; Use minimum cross-section acc. to AC-1 rated value       • limited to 30 s switching at zero current maximum     144 A; Use minimum cross-section acc. to AC-1 rated value       • limited to 30 s switching at zero current maximum					
operating power for approx. 20000 operating cycles at AC-4         • at 400 V rated value       4.4 kW         • at 690 V rated value       7.7 kW         operating apparent power at AC-6a       8 kVA         • up to 230 V for current peak value n=20 rated value       8 kVA         • up to 500 V for current peak value n=20 rated value       13.8 kVA         • up to 500 V for current peak value n=20 rated value       17.4 kVA         • up to 690 V for current peak value n=20 rated value       15.4 kVA         • up to 690 V for current peak value n=30 rated value       5.3 kVA         • up to 500 V for current peak value n=30 rated value       9.3 kVA         • up to 500 V for current peak value n=30 rated value       15.5 kVA         • up to 500 V for current peak value n=30 rated value       15.5 kVA         • up to 500 V for current peak value n=30 rated value       15.5 kVA         short-time withstand current in cold operating state up to 40 °C       0"C         • limited to 1 s witching at zero current maximum       375 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       210 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       118 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       118 A; Use m					
		11 kW			
• at 400 V rated value       4.4 kW         • at 690 V rated value       7.7 kW         operating apparent power at AC-6a       8 kVA         • up to 230 V for current peak value n=20 rated value       8 kVA         • up to 500 V for current peak value n=20 rated value       13.9 kVA         • up to 690 V for current peak value n=20 rated value       17.4 kVA         • up to 690 V for current peak value n=20 rated value       5.3 kVA         • up to 230 V for current peak value n=30 rated value       5.3 kVA         • up to 500 V for current peak value n=30 rated value       5.3 kVA         • up to 500 V for current peak value n=30 rated value       5.3 kVA         • up to 500 V for current peak value n=30 rated value       5.3 kVA         • up to 500 V for current peak value n=30 rated value       5.5 kVA         • up to 500 V for current peak value n=30 rated value       5.5 kVA         • up to 600 V for current peak value n=30 rated value       15.5 kVA         • up to 600 V for current peak value n=30 rated value       10.5 kVA         • up to 600 V for current peak value n=30 rated value       10.5 kVA         • up to 500 V for current peak value n=30 rated value       10.5 kVA         • up to 600 V for current peak value n=30 rated value       10.4 Use minimum cross-section acc. to AC-1 rated value         • limited to 1 s switching at zero current maximum<					
• at 690 V rated value7.7 kWoperating apparent power at AC-6a• up to 230 V for current peak value n=20 rated value8 kVA• up to 500 V for current peak value n=20 rated value13.9 kVA• up to 600 V for current peak value n=20 rated value17.4 kVA• up to 630 V for current peak value n=20 rated value15.4 kVAoperating apparent power at AC-6a• up to 230 V for current peak value n=30 rated value5.3 kVA• up to 630 V for current peak value n=30 rated value9.3 kVA• up to 630 V for current peak value n=30 rated value15.5 kVA• up to 630 V for current peak value n=30 rated value15.5 kVA• up to 630 V for current peak value n=30 rated value15.5 kVA• up to 630 V for current peak value n=30 rated value15.5 kVA• up to 530 V for current peak value n=30 rated value375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1 s switching at zero current maximum300 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zer					
operating apparent power at AC-6a         8 kVA           • up to 230 V for current peak value n=20 rated value         8 kVA           • up to 500 V for current peak value n=20 rated value         13.9 kVA           • up to 500 V for current peak value n=20 rated value         17.4 kVA           • up to 500 V for current peak value n=20 rated value         15.4 kVA           • up to 230 V for current peak value n=30 rated value         5.3 kVA           • up to 230 V for current peak value n=30 rated value         5.3 kVA           • up to 500 V for current peak value n=30 rated value         9.3 kVA           • up to 500 V for current peak value n=30 rated value         11.6 kVA           • up to 690 V for current peak value n=30 rated value         15.5 kVA           • up to 690 V for current peak value n=30 rated value         15.5 kVA           short-time withstand current in cold operating state up to 40°C         40 °C           • limited to 1 s switching at zero current maximum         375 A; Use minimum cross-section acc. to AC-1 rated value           • limited to 10 s switching at zero current maximum         210 A; Use minimum cross-section acc. to AC-1 rated value           • limited to 60 s switching at zero current maximum         14 A; Use minimum cross-section acc. to AC-1 rated value           • limited to 60 s switching at zero current maximum         14 A; Use minimum cross-section acc. to AC-1 rated value           • li					
• up to 230 V for current peak value n=20 rated value       8 kVA         • up to 400 V for current peak value n=20 rated value       13.9 kVA         • up to 500 V for current peak value n=20 rated value       17.4 kVA         • up to 690 V for current peak value n=20 rated value       15.4 kVA         operating apparent power at AC-6a       5.3 kVA         • up to 230 V for current peak value n=30 rated value       9.3 kVA         • up to 400 V for current peak value n=30 rated value       9.3 kVA         • up to 500 V for current peak value n=30 rated value       9.3 kVA         • up to 500 V for current peak value n=30 rated value       9.3 kVA         • up to 690 V for current peak value n=30 rated value       15.5 kVA         short-time withstand current in cold operating state up to 40°C       60°C         • limited to 1 s switching at zero current maximum       375 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       210 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       118 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       144 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       148 A; Use minimum cross-section acc. to AC-1 rated value         • at DC <td></td> <td>1.7 NVV</td>		1.7 NVV			
• up to 400 V for current peak value n=20 rated value13.9 kVA• up to 500 V for current peak value n=20 rated value17.4 kVA• up to 690 V for current peak value n=20 rated value15.4 kVAoperating apparent power at AC-6a		9 14/4			
• up to 500 V for current peak value n=20 rated value17.4 kVA• up to 690 V for current peak value n=20 rated value15.4 kVAoperating apparent power at AC-6a					
• up to 690 V for current peak value n=20 rated value15.4 kVAoperating apparent power at AC-6a-• up to 230 V for current peak value n=30 rated value5.3 kVA• up to 400 V for current peak value n=30 rated value9.3 kVA• up to 500 V for current peak value n=30 rated value11.6 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVAshort-time withstand current in cold operating state up to 40 °C375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1 s switching at zero current maximum300 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum148 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• at DC1 500 1/h• at AC-1 maximum1000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-4 maximum250 1/h					
operating apparent power at AC-6aup to 230 V for current peak value n=30 rated value5.3 kVAup to 400 V for current peak value n=30 rated value9.3 kVAup to 500 V for current peak value n=30 rated value11.6 kVAup to 690 V for current peak value n=30 rated value15.5 kVAshort-time withstand current in cold operating state up to 40 °C375 A; Use minimum cross-section acc. to AC-1 rated valueilmited to 1 s switching at zero current maximum375 A; Use minimum cross-section acc. to AC-1 rated valueilmited to 10 s switching at zero current maximum300 A; Use minimum cross-section acc. to AC-1 rated valueilmited to 3 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated valueilmited to 3 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated valueilmited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated valueilmited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated valueilmited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated valueilmited to 60 s switching frequency1500 1/hat DC1500 1/hoperating frequency1000 1/hat AC-1 maximum750 1/hat AC-3 maximum750 1/hat AC-3 maximum750 1/hat AC-4 maximum250 1/h					
<ul> <li>up to 230 V for current peak value n=30 rated value</li> <li>up to 400 V for current peak value n=30 rated value</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>the VA</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>the VA</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>the VA</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>the VA</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>the VA</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>the VA</li> <li>the VA<!--</td--><td></td><td>15.4 KVA</td></li></ul>		15.4 KVA			
up to 400 V for current peak value n=30 rated value9.3 kVAup to 500 V for current peak value n=30 rated value11.6 kVAup to 690 V for current peak value n=30 rated value15.5 kVAshort-time withstand current in cold operating state up to 40 °C375 A; Use minimum cross-section acc. to AC-1 rated valuee limited to 1 s switching at zero current maximum300 A; Use minimum cross-section acc. to AC-1 rated valuee limited to 10 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated valuee limited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated valuee limited to 60 s switching at zero current maximum148 A; Use minimum cross-section acc. to AC-1 rated valuee limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated valuee limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated valuefoperating frequency1e at DC1operating frequency1e at AC-1 maximum1000 1/hat AC-2 maximum750 1/he at AC-3 maximum750 1/he at AC-3 maximum750 1/he at AC-4 maximum750 1/he at AC-4 maximum250 1/h		50.174			
• up to 500 V for current peak value n=30 rated value11.6 kVA• up to 690 V for current peak value n=30 rated value15.5 kVAshort-time withstand current in cold operating state up to 40 °C375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1 s switching at zero current maximum300 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• at DC1 500 1/h• at DC1 500 1/h• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-4 maximum250 1/h					
• up to 690 V for current peak value n=30 rated value15.5 kVAshort-time withstand current in cold operating state up to 40 °C375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1 s switching at zero current maximum300 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• at DC1 500 1/h• at AC-1 maximum1 000 1/h• at AC-1 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-4 maximum250 1/h					
short-time withstand current in cold operating state up to 40 °C375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1 s switching at zero current maximum300 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• at DC1 500 1/h• at DC1 500 1/h• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-4 maximum250 1/h					
40 °C• limited to 1 s switching at zero current maximum375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 5 s switching at zero current maximum300 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching frequency1 500 1/h• at DC1 500 1/h• at AC-2 maximum1 000 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-4 maximum250 1/h	ii	15.5 kVA			
• limited to 1 s switching at zero current maximum375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 5 s switching at zero current maximum300 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• at DC1 500 1/h• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-4 maximum250 1/h					
• limited to 5 s switching at zero current maximum300 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• at DC1 500 1/h• at DC1 500 1/h• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3e maximum750 1/h• at AC-4 maximum250 1/h		275 At Lise minimum cross section and to AC 4 roted value			
• limited to 10 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated value• no-load switching frequency118 A; Use minimum cross-section acc. to AC-1 rated value• at DC1 500 1/h• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3e maximum750 1/h• at AC-4 maximum250 1/h	-				
• limited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated valueno-load switching frequency • at DC1 500 1/h• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3e maximum750 1/h• at AC-4 maximum250 1/h	-				
• limited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated valueno-load switching frequency1 500 1/h• at DC1 500 1/h• operating frequency1 000 1/h• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum250 1/h					
no-load switching frequency1 500 1/h• at DC1 500 1/hoperating frequency-• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3e maximum750 1/h• at AC-4 maximum250 1/h	-				
• at DC         1 500 1/h           operating frequency         -           • at AC-1 maximum         1 000 1/h           • at AC-2 maximum         750 1/h           • at AC-3 maximum         750 1/h           • at AC-3e maximum         750 1/h           • at AC-4 maximum         250 1/h		TTB A; Use minimum cross-section acc. to AC-1 rated value			
operating frequency1 000 1/h• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3e maximum750 1/h• at AC-4 maximum250 1/h					
• at AC-1 maximum       1 000 1/h         • at AC-2 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-3e maximum       750 1/h         • at AC-4 maximum       250 1/h		1 500 1/h			
• at AC-2 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-3e maximum       750 1/h         • at AC-4 maximum       250 1/h					
• at AC-3 maximum       750 1/h         • at AC-3e maximum       750 1/h         • at AC-4 maximum       250 1/h					
• at AC-3e maximum         750 1/h           • at AC-4 maximum         250 1/h					
• at AC-4 maximum 250 1/h					
	• at AC-3e maximum	750 1/h			
Control circuit/ Control		250 1/h			
	Control circuit/ Control				

	20
type of voltage of the control supply voltage	DC
control supply voltage at DC	
rated value	110 V
operating range factor control supply voltage rated value of magnet coil at DC	
initial value	0.8
full-scale value	1.1
closing power of magnet coil at DC	5.9 W
holding power of magnet coil at DC	5.9 W
closing delay	
• at DC	50 170 ms
opening delay	
• at DC	15 18 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts instantaneous contact	2
number of NO contacts for auxiliary contacts instantaneous contact	2
operational current at AC-12 maximum	10 A
operational current at AC-15	
• at 230 V rated value	6 A
<ul> <li>at 400 V rated value</li> </ul>	3 A
<ul> <li>at 500 V rated value</li> </ul>	2 A
at 690 V rated value	1 A
operational current at DC-12	
at 24 V rated value	10 A
• at 48 V rated value	6 A
at 60 V rated value	6 A
• at 110 V rated value	3 A
• at 125 V rated value	2 A
at 220 V rated value	1A
at 600 V rated value	0.15 A
operational current at DC-13	C A
at 24 V rated value	6 A
• at 48 V rated value	2 A 2 A
at 60 V rated value	2 A 1 A
at 110 V rated value	0.9 A
<ul> <li>at 125 V rated value</li> <li>at 220 V rated value</li> </ul>	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	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	21 A
at 600 V rated value	22 A
yielded mechanical performance [hp]	
for single-phase AC motor	
- at 110/120 V rated value	2 hp
— at 230 V rated value	3 hp
• for 3-phase AC motor	
— at 200/208 V rated value	5 hp
— at 220/230 V rated value	7.5 hp
— at 460/480 V rated value	15 hp
— at 575/600 V rated value	20 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	
<ul> <li>— with type of coordination 1 required</li> </ul>	gG: 100 A (690 V, 100 kA), aM: 50 A (690 V, 100 kA), BS88: 100 A (415 V, 80 kA)

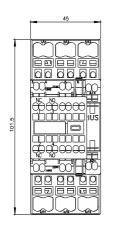
## - with type of assignment 2 required

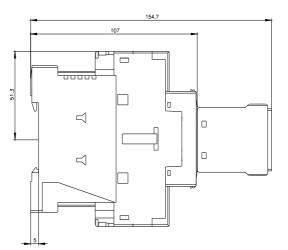
• for short-circuit protection of the auxiliary switch required

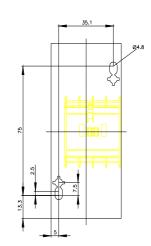
gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) gG: 10 A (500 V, 1 kA)

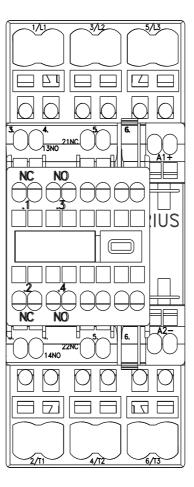
Installation/ mounting/ dimensions	
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
side-by-side mounting	Yes
height	102 mm
width	45 mm
depth	154 mm
required spacing	
<ul> <li>with side-by-side mounting</li> </ul>	
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	0 mm
<ul> <li>for grounded parts</li> </ul>	
— forwards	10 mm
— upwards	10 mm
— at the side	6 mm
— downwards	10 mm
<ul> <li>for live parts</li> </ul>	
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	6 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	spring-loaded terminals
<ul> <li>for auxiliary and control circuit</li> </ul>	spring-loaded terminals
at contactor for auxiliary contacts	Spring-type terminals
of magnet coil	Spring-type terminals
type of connectable conductor cross-sections for main contacts	
solid	2x (1 10 mm²)
solid or stranded	2x (1 10 mm <sup>2</sup> )
<ul> <li>finely stranded with core end processing</li> </ul>	2x (1 6 mm <sup>2</sup> )
<ul> <li>finely stranded without core end processing</li> </ul>	2x (1 6 mm <sup>2</sup> )
connectable conductor cross-section for main contacts	
• solid	1 10 mm²
• stranded	1 10 mm²
<ul> <li>finely stranded with core end processing</li> </ul>	1 6 mm <sup>2</sup>
<ul> <li>finely stranded with one end processing</li> <li>finely stranded without core end processing</li> </ul>	1 6 mm <sup>2</sup>
connectable conductor cross-section for auxiliary contacts	1 0 mm
solid or stranded	0.5 2.5 mm²
<ul> <li>finely stranded with core end processing</li> </ul>	0.5 2.5 mm <sup>2</sup>
finely stranded with core end processing     finely stranded without core end processing	0.5 1.5 mm <sup>2</sup>
type of connectable conductor cross-sections	0.0 2.0 11111
for auxiliary contacts	
	$2 \times (0.5 - 2.5 \text{ mm}^2)$
— solid or stranded	2x (0.5 2.5 mm <sup>2</sup> )
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core and processing</li> </ul>	2x (0.5 1.5 mm <sup>2</sup> )
<ul> <li>finely stranded without core end processing</li> <li>for AWG cables for auxiliary contacts</li> </ul>	2x (0.5 2.5 mm <sup>2</sup> )
for AWG cables for auxiliary contacts  AWG number as coded connectable conductor cross section	2x (20 14)
for main contacts	18 8
for auxiliary contacts	20 14
Safety related data	
product function	Vez
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	450 000

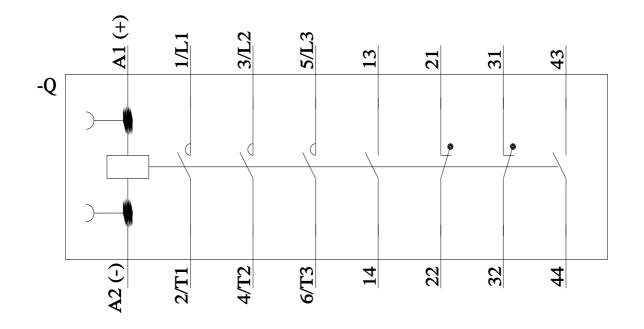
numeration of denser					
proportion of danger		0	N/		
	d rate according to SN 3192				
-	nd rate according to SN 319		73 %		
failure rate [FIT] with lo	ow demand rate according to	SN 31920 100	FIT		
T1 value for proof test 61508	interval or service life accor	ding to IEC 20 a	a		
protection class IP or	n the front according to IE	C 60529 IP20	D		
	he front according to IEC		er-safe, for vertical contact	from the front	
suitability for use					
•		Yes			
<ul> <li>safety-related sv</li> </ul>	Ŭ	res			
ertificates/ approvals					_
General Product App	proval				
() E		<u>Confirmation</u>		KC	EHC
EMC	Functional Safety/Safety of Ma- chinery	Declaration of Confo	ormity	Test Certificates	
RCM	<u>Type Examination Cer-</u> tificate	UK CA	CE EG-Konf.	Type Test Certific- ates/Test Report	<u>Special Test Certific</u> ate
Marine / Shipping					
ABS			Lloyd's Register urs	PRS	RINA
Marine / Shipping	other		Railway	Dangerous Good	Environment
KMRS	<u>Confirmation</u>	DE	Vibration and Shock	Transport Information	Environmental Con firmations
	I to exit the Russian mark		ssian-business		
Please contact your loc EAC relevant market ( information on the pa ttps://support.industry information- and Dow ttps://www.siemens.c industry Mall (Online	v.siemens.com/cs/ww/en/vie vnloadcenter (Catalogs, B om/ic10	atus of validity of the EA AEU member states Ru <u>w/109813875</u> rochures,)	ussia or Belarus).	d to import or offer to supp	bly these products to a
Cax online generator				<u>4</u>	
Service&Support (Ma https://support.industry	nuals, Certificates, Chara	cteristics, FAQs,) 3RT2026-2BF44		_	
http://www.automation.	duct images, 2D dimensio .siemens.com/bilddb/cax_do	e.aspx?mlfb=3RT2026-	s, device circuit diagram 2BF44⟨=en	s, EPLAN macros,)	
https://support.industry	ing characteristics, I <sup>2</sup> t, Let v.siemens.com/cs/ww/en/ps/	3RT2026-2BF44/char			
ttp://www.automation	cs (e.g. electrical endurand siemens.com/bilddb/index.a	aspx?view=Search&ml	b=3RT2026-2BF44&objec	ttype=14&gridview=view1	











last modified:

2/10/2023 🖸