## SIEMENS

## Data sheet

## 3RT2026-1BF44



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

product brand name         SIRUS           product designation         Power contactor           product type designation         SIRT2           canazal tachnical data		
product type designation         3RT2           General technical data	product brand name	SIRIUS
Ceneral technical data     S0       size of contactor     S0       product extension     • function module for communication.     No       • auxiliary switch     No       • at AC in hot operating state     5.7 W       • at AC in hot operating state     5.7 W       • at AC in hot operating state     5.7 W       • without load current share typical     1.9 W       • without load current share typical     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     680 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     100 V       • at DC     10g / 5 ms, 7.5g / 10 ms       • at DC     15g / 5 ms, 10g / 10 ms       • of the contactor with added acternnically 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<	product designation	Power contactor
size of contactor         S0           product extension         • function module for communication         No           • auxilary switch         No           power loss [W] for rated value of the current         5.7 W           • at AC in hot operating state per pole         1.9 W           • without load current share typical         5.9 W           insulation voltage         600 V           • of main circuit with degree of pollution 3 rated value         600 V           • of auxiliary circuit with degree of pollution 3 rated value         600 V           • of main circuit with degree of pollution 3 rated value         600 V           • of main circuit rated value         61 V           • of auxiliary circuit rated value         61 V           • of the contactor with sine pulse         10g / 5 ms, 7.5g / 10 ms           shock resistance withis ine pulse         15g / 5 ms, 10g / 10 ms           mechanical service life (operating cycles)         10 000 00	product type designation	3RT2
product extension     indition module for communication     No       • auxiliary switch     No       power loss [W] for rated value of the current     .       • at AC in hot operating state     5.7 W       • at AC in hot operating state prole     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 anain ling vicruit with degree of pollution 3 rated value     690 V       • of anain ling vicruit with degree of pollution 3 rated value     68 V       • of anain ling vicruit with degree of pollution 3 rated value     64 V       • of anain ling vicruit with degree of pollution 3 rated value     64 V       • of anaining vicruit with degree of protective separation between coll and main contacts according to EN 60947-1     54 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       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     0 Q       Substance Prohibitance (Date)     10/01/2009       Ambient temperature     2000 m       • during operatin	General technical data	
• function module for communication     No       • auxiliary switch     No       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 voitage     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 main circuit and value     64 V       • of main circuit rated value     64 V       • of auxiliary circuit rated value     100 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       machanical service life (operating cycles)     10 000 000       • of the contactor which added auxiliary switch block typical     10 000 000       • of the contactor which added auxiliary switch block typical     10 0	size of contactor	S0
• auxiliary switch         No           power loss [W] for rated value of the current         5.7 W           • at AC in hot operating state per pole         1.9 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 auxiliary circuit with degree of pollution 3 rated value         690 V           • of auxiliary circuit ated value         6 kV           • of auxiliary circuit rated value         6 kV           maxiliary suitch block typical         100 V           shock resistance at rectangular impulse         400 V           • at DC         10g / 5 ms, 7,5g / 10 ms           shock resistance with added electronically optimized         200 000           • auxiliary switch block typical         10 000 000           • of	product extension	
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 auxiliary circuit with degree of pollution 3 rated value       690 V         • of auxiliary circuit rated value       64 V         • of main circuit rated value       64 V         • of auxiliary circuit rated value       64 V         • at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance at rectangular impulse       10g / 5 ms, 10g / 10 ms         • at DC       10g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10/01/2009         Ambient co	<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         insultation voltage       6.9 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         • of auxiliary circuit rated value       6 kV         • at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance at rectangular impulse       10g / 5 ms, 10g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         • at DC       1000 000         • at DC       10000 000         • of the contactor with added electronically optimized       10000 000         • auxiliary switch block typical       10000 000         • of the contactor wit	auxiliary switch	No
• at AC in hot operating state per pole       1.9 W         • withbut load current share typical       5.9 W         insulation voltage       60 min 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       60 V         • of auxiliary circuit rated value       6 kV         • ad DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       15g / 5 ms, 10g / 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 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	power loss [W] for rated value of the current	
• without load current share typical     5.9 W       Insulation voltage     690 V       • of auxiliary circuit with degree of pollution 3 rated value     690 V       surge voltage resistance     690 V       • of auxiliary circuit with degree of pollution 3 rated value     690 V       surge voltage resistance     64 V       • of auxiliary circuit rated value     6 kV       • at DC     10g / 5 ms, 7.5g / 10 ms       • at DC     15g / 5 ms, 10g / 10 ms       • of contactor typical     10 000 000       • of the contactor with added electronically optimized     2 000 000       • 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 addee electronically optimized     2 000 m	<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 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         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         • at DC       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         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Ambient temperature       -         • during storage       -25 +60 °C         • during storage       -25 +60 °C         • during storage       -25 +60 °C	<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     of auxiliary circuit with degree of pollution 3 rated value     of auxiliary circuit with degree of pollution 3 rated value     surge voltage resistance     of main circuit rated value     of auxiliary circuit rated value     of x      maximum permissible voltage for protective separation between     coil and main contacts according to EN 60947-1     shock resistance at rectangular impulse         oat DC         10g / 5 ms, 7,5g / 10 ms     shock resistance with sine pulse         of contactor typical         of contactor typical         of ontactor 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 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         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         to 000 000         reference code according to IEC 81346-2         Q         Substance Prohibitance (Date)         during operation         -25 +60 °C         eduring storage         -25 +60 °C         eduring storage         -55 +60 °C         maximum         during storage         -55 +60 °C         maximum         during storage         -55 +60 °C         maximum	<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         maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse       6 kV         • at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       10g / 5 ms, 10g / 10 ms         • of contactor typical       10 000 000         • of the contactor with added electronically optimized auxiliary witch 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         Amblent conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         amblent temperature       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °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         • at DC       10g / 5 ms, 7.5g / 10 ms         shock resistance with sine pulse       15g / 5 ms, 10g / 10 ms         • 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         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       100/1/2009         Ambient conditions       -         installation allitude at height above sea level maximum       2 000 m         ambient temperature       -         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       Main circuit	<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         maximum permissible voltage for protective separation between coil 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       15g / 5 ms, 10g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       0 000 000         • of the 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         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Ambient conditions       2000 m         ambient temperature       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         95 %       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 V         • at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       15g / 5 ms, 10g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       000000         • 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         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Ambient conditions       2000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         95 %       95 %	surge voltage resistance	
maximum permissible voltage for protective separation between       400 V         coil 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       1         • at DC       15g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       000000         • 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 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       -55 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         95 %       95 %	<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 <ul> <li>at DC</li> <li>10g / 5 ms, 7,5g / 10 ms</li> </ul> <li>shock resistance with sine pulse         <ul> <li>at DC</li> <li>15g / 5 ms, 10g / 10 ms</li> </ul> </li> <li>mechanical service life (operating cycles)         <ul> <li>of contactor typical</li> <li>of contactor typical</li> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor is according to IEC 81346-2</li> <li>Q</li> </ul> </li> <li>Substance Prohibitance (Date)</li> <li>Moint conditions</li> <li>2000 m</li> <li>ambient temperature             <ul> <li>of uring storage</li> <li>-55 +80 °C</li> <li>relative humidity minimum</li> <li>10 %</li> </ul> </li> <li>relative humidity at 55 °C according to IEC 60068-2-30             <ul> <li>main circuit</li> </ul> </li>	<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV
• at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       15g / 5 ms, 10g / 10 ms         • 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       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 minimum       10 %         maximum       95 %		400 V
shock resistance with sine pulse       15g / 5 ms, 10g / 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       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       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 DC       15g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       0 000 000         • 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         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       95 %         Main circuit       Main circuit	• at DC	10g / 5 ms, 7,5g / 10 ms
mechanical service life (operating cycles)     0       • 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 +60 °C       • during storage     -55 +80 °C       relative humidity minimum     10 %       relative humidity at 55 °C according to IEC 60068-2-30     95 %       Main circuit     Main circuit	shock resistance with sine pulse	
<ul> <li>of contactor typical</li> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor typical</li> <li>the contactor</li></ul>	• at DC	15g / 5 ms, 10g / 10 ms
• of the contactor with added electronically optimized auxiliary switch block typical       5 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       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 maximum       95 %	mechanical service life (operating cycles)	
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 +60 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         Main circuit       95 %	<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       2 000 m         ambient temperature       0 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       -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	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	ambient temperature	
relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       95 %	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
maximum Main circuit	relative humidity minimum	10 %
		95 %
number of poles for main current circuit 3	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
at AC-3e rated value maximum	690 V
operational current	030 V
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
• at AC-5b up to 400 V rated value	20.7 A
● at AC-6a	
<ul> <li>— up to 230 V for current peak value n=20 rated value</li> </ul>	20.2 A
<ul> <li>— up to 400 V for current peak value n=20 rated value</li> </ul>	20.2 A
<ul> <li>— up to 500 V for current peak value n=20 rated value</li> </ul>	20.2 A
<ul> <li>— up to 690 V for current peak value n=20 rated value</li> </ul>	12.9 A
● at AC-6a	
<ul> <li>— up to 230 V for current peak value n=30 rated value</li> </ul>	13.5 A
<ul> <li>— up to 400 V for current peak value n=30 rated value</li> </ul>	13.5 A
<ul> <li>— up to 500 V for current peak value n=30 rated value</li> </ul>	13.5 A
<ul> <li>— up to 690 V for current peak value n=30 rated value</li> </ul>	13 A
minimum cross-section in main circuit at maximum AC-1 rated value	10 mm <sup>2</sup>
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	9 A
• at 690 V rated value	9 A
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>	
•	

- A 110 V relative25 Å- A 120 V relative0.99 Å at 60 V relative0.99 Å at 60 V relative0.99 Å at 60 V relative35 Å at 60 V relative35 Å at 60 V relative15 Å at 60 V relative15 Å at 60 V relative16 Å at 720 V relative16 Å at 720 V relative16 Å at 720 V relative16 Å	— at 24 V rated value	20 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-3S- at 20 V rated value35 A- at 10 V rated value15 A- at 20 V rated value027 A- at 400 V rated value05 A- at 400 V rated value06 A- at 400 V rated value05 A- at 400 V rated value11 KW- at 400 V rated value55 KW- at 400 V rated value60 K- at 400 V rated value70 K- at 400 V rated value70 K- at 400 V rated value <t< td=""><td>— at 440 V rated value</td><td>0.09 A</td></t<>	— at 440 V rated value	0.09 A
	— at 600 V rated value	0.06 A
- a r80 V rated value56 Å- at 110 V rated value15 Å- at 220 V rated value027 Å- at 440 V rated value027 Å- at 440 V rated value05 Å- at 420 V rated value55 Å- at 420 V rated value55 Å- at 420 V rated value05 Å- at 420 V rated value05 Å- at 420 V rated value06 Å- at 420 V rated value05 Å- at 420 V rated value05 Å- at 420 V rated value16 Å- at 420 V rated value16 Å- at 420 V rated value16 Å- at 420 V rated value55 Å- at 420 V rated value16 Å- at 420 V rated value16 Å- at 420 V rated value18 Å- at 430 V rated value55 Å- at 430 V rated value18 Å <trr>- at 430 V rat</trr>	<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>	
- ait 10 V rate value15Å- ait 20V rate value00- ait 30V rate value016A- ait 30V rate value05A- ait 30V rate value35A- ait 30V rate value35A- ait 30V rate value35A- ait 30V rate value36A- ait 30V rate value35K- ait 30V rate value35K- ait 30V rate value35K- ait 30V rate value11 KW- ait 30V rate value35K- ait 40V rate value - 30 rate value35	— at 24 V rated value	35 A
	— 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-59- at 24 V rated value35 A- at 100 V rated value35 A- at 100 V rated value36 A- at 220 V rated value0 A- at 220 V rated value0.6 A- at 230 V rated value0.6 A- at 230 V rated value5 KW- at 230 V rated value5 KW- at 230 V rated value1 KW- at 230 V rated value5 KW- at 400 V rated value1 KW- at 230 V rated value1 KW- at 340 V rated value5 KW- at 400 V rated value1 KW- at 340 V rated value5 KW- at 340 V rated value1 KW- at 340 V rated value5 KW- at 340 V rated value1 KW- at 340 V rated value1 KW- at 340 V rated value1 KW- at 340 V rated value5 KW- at 340 V rated value1 KW- at 340 V rated value5 KW- at 340 V rated value1 KW- at 340 V rated value5 KW- at 340 V rated value5 KW- at 340 V rated value3 KW- at 340 V rated value3 KW- at 340 V rated value3 SW- at 340 V rated value3 SW <trr>- at 340 V rated value3 SW</trr>	— at 440 V rated value	0.27 A
- al 24 V raied value35 Å- al 100 V rated value35 Å- al 220 V rated value36 Å- al 220 V rated value10 Å- al 420 V rated value0.6 Å- al 420 V rated value0.6 Å- al 420 V rated value5.5 kW- al 420 V rated value11 kW- al 430 V rated value5.5 kW- al 400 V rated value11 kW- al 400 V rated value11 kW- al 600 V rated value12 kW- al 600 V rated value13 kW- al 600 V rated value5.5 kW- al 600 V rated value = 20 rated value8.4 kW- al 600 V rated value = 20 rated value8.4 kW- al 600 V rated value = 20 rated value8.4 kW- al 600 V rated value = 20 rated value8.4 kW- al 600 V rated value = 30 rated value9.3 kW- al 600 V rated value = 30 rated value9.3 kW- al 600 V rated value = 30 rated value9.3 kW- al 600 V rated value = 30 rated value15.4 kW<	— at 600 V rated value	0.16 A
	<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>	
- at 110 V rated value35 Å- at 220 V rated value10 A- at 220 V rated value0.6 A- at 600 V rated value0.6 A- at 620 V rated value5.5 W- at 620 V rated value11 W- at 620 V rated value11 W- at 600 V rated value11 W- at 620 V rated value11 W- at 600 V rated value11 W- at 630 V rated value12 W- at 630 V rated value13 W- at 630 V rated value23 V- at 630 V rated value ne20 rated value13 W- at 630 V for current pack value ne20 rated value13 W- at 630 V for current pack value ne20 rated value13 W- at 630 V for current pack value ne20 rated value15 W- at 630 V for current pack value ne20 rated value15 W- at 630 V for current pack value ne20 rated value15 W- at 630 V for	— 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	10 A
operating power <ul> <li>at AC-3</li> <li>at 220 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 600 V rated value</li> <li>at 600 V rated value</li> <li>at 600 V rated value</li> <li>at AC-3e</li> <li>at AC-3e</li> <li>at 230 V rated value</li> <li>bt W</li> <li>at AC-3e</li> <li>at 200 V rated value</li> <li>bt W</li> <li>at AC-3e</li> <li>at 200 V rated value</li> <li>bt W</li> <li>at AC-3e</li> <li>at 400 V rated value</li> <li>bt W</li> <li>at 600 V rated value</li> <li>bt W</li> <li>bt 600 V for current peak value n=20 rated value</li> <li>bt W</li> <li>bt b 500 V for current peak value n=20 rated value</li> <li>ft 54 KVA</li> <li>bt b 100 V for current peak value n=30 rated value</li> <li>ft 54 KVA</li> <li>bt b 100 V for current peak value n=30 rated value</li> <li>ft 64 VA</li> <li>bt b 000 V for current peak value n=30 rated value</li> <li>ft 64 VA</li> <li>bt b 000 V for current peak value n=30 rated value</li> <li>ft 64 VA</li> <li>bt b 000 V for current peak value n=30 rated value</li> <li>ft 64 VA</li> <li>bt 000 V for current pe</li></ul>	— at 440 V rated value	0.6 A
• at AC-3S 5 kW at 230 V rated value11 kW- at 600 V rated value11 kW- at 600 V rated value11 kW- at 600 V rated value11 kW- at 230 V rated value55 kW- at 230 V rated value55 kW- at 230 V rated value11 kW- at 600 V rated value44 kW- at 600 V rated value7.7 kWoperating paper for approx. 200000 operating cycles at AC-68• up to 230 V for current paek value n=20 rated value8.9 kVA• up to 500 V for current paek value n=20 rated value15.4 kVA• up to 500 V for current paek value n=20 rated value15.4 kVA• up to 230 V for current paek value n=30 rated value5.3 kVA• up to 230 V for current paek value n=30 rated value9.3 kVA• up to 500 V for current paek value n=30 rated value15.5 kVA• up to 500 V for current paek value n=30 rated value15.5 kVA• up to 500 V for current paek value n=30 rated value15.5 kVA• up to 500 V for current paek value n=30 rated value15.5 kVA• up to 500 V for current paek value n=30 rated value15.5 kVA• up to 500 V for current paek value n=30 rated value15.5 kVA• up to 500 V for current paek value n=30 rated value15.5 kVA• unot 600 S switching at zero curr	— at 600 V rated value	0.6 A
	operating power	
at 500 V rated value11 kW at 500 V rated value11 kW• at AC-3a55 kW at 230 V rated value55 kW at 400 V rated value11 kW at 500 V rated value11 kW at 500 V rated value11 kW at 500 V rated value11 kW at 600 V rated value11 kW at 600 V rated value4.4 kW at 600 V rated value4.4 kW at 600 V rated value7.7 kWoperating apparent power at AC-5a8 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 530 V for current peak value n=20 rated value15.4 kVA up to 630 V for current peak value n=20 rated value15.4 kVA up to 630 V for current peak value n=20 rated value15.4 kVA up to 630 V for current peak value n=30 rated value3.5 kVA up to 630 V for current peak value n=30 rated value3.5 kVA up to 630 V for current peak value n=30 rated value11.6 kVA up to 630 V for current peak value n=30 rated value30.4 kVA up to 630 V for current peak value n=30 rated value11.6 kVA up to 630 V for current peak value n=30 rated value11.6 kVA up to 630 V for current peak value n=30 rated value11.6 kVA up to 630 V for current peak value n=30 rated value11.6 kVA up to 630 V for current peak value n=30 rated value11.6 kVA up to 630 V for current peak value n=30 rated value13.0 kVA	— at 230 V rated value	5.5 kW
	— at 400 V rated value	11 kW
• eta AC-3e at 230 V rated value5.5 kW at 400 V rated value11 kW at 600 V rated value11 kW at 600 V rated value11 kW at 600 V rated value11 kW- at 600 V rated value7.1 kW- at 600 V rated value7.7 kW- at 600 V rated value5.3 kVA- operating paperent power at AC-6a up to 230 V for current peak value n=20 rated value13.9 kVA- up to 500 V for current peak value n=20 rated value15.4 kVA- up to 500 V for current peak value n=20 rated value15.4 kVA- up to 500 V for current peak value n=20 rated value15.4 kVA- up to 500 V for current peak value n=20 rated value15.4 kVA- up to 500 V for current peak value n=30 rated value5.3 kVA- up to 500 V for current peak value n=30 rated value9.3 kVA- up to 500 V for current peak value n=30 rated value15.4 kVA- up to 500 V for current peak value n=30 rated value375 A; Use minimum cross-section acc. to AC-1 rated value- up to 500 V for current peak value n=30 rated value300 A; Use minimum cross-section acc. to AC-1 rated value- up to 500 V for current maximum300 A; Use minimum cross-section acc. to AC-1 rated value- at DC- at AC-3 maximum- at DC- at AC-4 maximum- at AC-4 maximum1000 t/h- at AC-4 maximum1000 t/h- at AC-3 maximum750 t/h- at AC-3 maximum750 t/h- at AC-4 maximum750 t/h- at AC-4 maximum750	— at 500 V rated value	11 kW
	— at 690 V rated value	11 kW
at 400 V rated value11 kW at 500 V rated value11 kW at 680 V rated value11 kW at 680 V rated value11 kW at 680 V rated value11 kW at 400 V rated value4.4 kW at 400 V rated value4.4 kW at 680 V rated value7.7 kW operating apparent power at AC-6a8 kVA 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 500 V for current peak value n=20 rated value15.4 kVA up to 500 V for current peak value n=20 rated value15.4 kVA up to 230 V for current peak value n=30 rated value3.8 kVA up to 230 V for current peak value n=30 rated value15.4 kVA up to 500 V for current peak value n=30 rated value11.6 kVA up to 500 V for current peak value n=30 rated value11.6 kVA up to 500 V for current peak value n=30 rated value11.6 kVA up to 500 V for current peak value n=30 rated value11.6 kVA up to 500 V for current peak value n=30 rated value11.6 kVA up to 500 V for current peak value n=30 rated value11.6 kVA up to 500 V for current peak value n=30 rated value11.6 kVA up to 500 V for current peak value n=30 rated value11.6 kVA up to 500 V for current peak value n=30 rated value11.6 kVA up to 500 V for current peak value n=30 rated value11.6 kVA up to 500 V for current peak value n=30 rated value10.6 kVA limited	• at AC-3e	
at 500 V rated value       11 kW         at 680 V rated value       11 kW         operating power for approx. 20000 operating cycles at AC- 4       4         • at 400 V rated value       4.4 kW         • at 690 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       13.9 kVA         • up to 500 V for current peak value n=20 rated value       15.4 kVA         • up to 500 V for current peak value n=20 rated value       15.4 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       15.5 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 peak value n=30 rated value       300 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 1 s switching at zero current maximum       305 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       140.4 Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       140 A; Use minimum cross-section acc. to AC-1 rated value         •	— at 230 V rated value	5.5 kW
at 890 V rated value       11 kW         operating power for approx. 200000 operating cycles at AC-4	— at 400 V rated value	11 kW
operating power for approx. 20000 operating cycles at AC- 4         4           • at 400 V rated value         4.4 kW           • at 680 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 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         5.3 kVA           • up to 400 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           • 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         10.6 kVA           • up to 500 V for current peak value n=30 rated value         10.6 kVA           • up to 500 V for current peak value n=30 rated value         11.6 kVA           • up to 500 V for current peak value n=30 rated value         10.6 kVA           • up to 500 V for current peak	— at 500 V rated value	11 kW
• at 400 V rated value4.4 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 value8 kVA• up to 500 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 kVA• up to 690 V for current peak value n=20 rated value5.3 kVA• up to 230 V for current peak value n=30 rated value5.3 kVA• up to 230 V for current peak value n=30 rated value5.3 kVA• up to 500 V for current peak value n=30 rated value5.3 kVA• up to 500 V for current peak value n=30 rated value15.5 kVA• up to 500 V for current peak value n=30 rated value15.5 kVA• up to 500 V for current peak value n=30 rated value15.5 kVA• up to 500 V for current peak value n=30 rated value10.5 kVA• up to 500 V for current peak value n=30 rated value10.5 kVA• up to 500 V for current peak value n=30 rated value10.5 kVA• up to 500 V for current peak value n=30 rated value10.5 kVA• up to 500 V for current peak value n=30 rated value10.5 kVA• up to 500 V for current peak value n=30 rated value10.5 kVA• up to 500 V for current maximum100.4 (Jee minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum114 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum114 A; Use minimum cross-section acc. to AC-1 rated va	— at 690 V rated value	11 kW
• at 400 V rated value4.4 kW• 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 500 V for current peak value n=20 rated value15.4 kVA• up to 690 V for current peak value n=20 rated value15.4 kVA• up to 690 V for current peak value n=30 rated value5.3 kVA• up to 500 V for current peak value n=30 rated value5.3 kVA• up to 500 V for current peak value n=30 rated value15.5 kVA• up to 500 V for current peak value n=30 rated value15.5 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 kVA• up to 690 V for current peak value n=30 rated value300 A; Use minimum cross-section acc. to AC-1 rated value• up to 690 V for current peak value n=30 rated value300 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1 s switching at zero current maximum210 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 maximum140 minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum140 k; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum140 k; Use minimum cross-section acc. to AC-1 rated value• at AC-1 maximum1000 1/h	operating power for approx. 200000 operating cycles at AC-	
• at 690 V rated value7.7 kWoperating apparent power at AC-6aV• 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 500 V for current peak value n=20 rated value17.4 kVA• up to 500 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 500 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 500 V for current peak value n=30 rated value15.5 kVA• up to 500 V for current peak value n=30 rated value15.5 kVA• up to 500 V for current peak value n=30 rated value300 A; Use minimum cross-section acc. to AC-1 rated value• up to 500 V for current peak value n=30 rated value300 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 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 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 maximum150 1/h• at AC-3 maximum1000 1/		
operating apparent power at AC-6a         skVA           • 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         17.4 kVA           • up to 690 V for current peak value n=20 rated value         15.4 kVA           operating apparent power at AC-6a	• at 400 V rated value	4.4 kW
• up to 230 V for current peak value n=20 rated value8 kVA• 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 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 kVA• up to 230 V for current peak value n=30 rated value5.3 kVA• up to 230 V for current peak value n=30 rated value9.3 kVA• up to 500 V for current peak value n=30 rated value9.3 kVA• up to 500 V for current peak value n=30 rated value15.5 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 kVA• up to 690 V for current peak value n=30 rated value300 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 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 b; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 b; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum118 b; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum11000 1/h• at AC-1 maximum1000 1/h<	• at 690 V rated value	7.7 kW
• 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	operating apparent power at AC-6a	
up to 500 V for current peak value n=20 rated value17.4 kVAup to 690 V for current peak value n=20 rated value15.4 kVAoperating apparent power at AC-6a	<ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul>	8 kVA
• 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 kVAshort-time withstand current in cold operating state up to 400 C for switching at zero current maximum375 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 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• at DC-• at AC-1 maximum1000 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	<ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	13.9 kVA
operating apparent power at AC-6aSXVA• 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 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 1 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated value• limited to 3 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 6 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 6 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 6 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 6 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 6 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• at DC1500 1/h• at DC1500 1/h• at AC-1 maximum1000 1/h• at AC-1 maximum1000 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at	<ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul>	17.4 kVA
• 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 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 1 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated value• limited to 3 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 6 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value• limited to 6 s switching at zero current maximum150 1/h• 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-4 maximum750 1/h• at AC-4 maximum750 1/h	<ul> <li>up to 690 V for current peak value n=20 rated value</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 valueilimited to 1 s switching at zero current maximum375 A; Use minimum cross-section acc. to AC-1 rated valueilimited to 5 s switching at zero current maximum300 A; Use minimum cross-section acc. to AC-1 rated valueilimited to 10 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated valueilimited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated valueilimited to 60 s switching at zero current maximum148 A; Use minimum cross-section acc. to AC-1 rated valueilimited to 60 s switching at zero current maximum148 A; Use minimum cross-section acc. to AC-1 rated valueilimited to 60 s switching at zero current maximum148 A; Use minimum cross-section acc. to AC-1 rated valueilimited to 60 s switching at zero current maximum150 1/horberating frequency1500 1/he at DC500 1/hi at AC-1 maximum1000 1/hat AC-2 maximum750 1/hat AC-3 maximum750 1/hi at AC-3 maximum750 1/hi at AC-3 maximum750 1/hi at AC-4 maximum500 1/h	operating apparent power at AC-6a	
up 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 maximum300 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 10 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated valueilmited to 30 s switching at zero current maximum144 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 maximum144 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 valueoperating frequency1500 1/he at DC1500 1/hot AC-2 maximum1000 1/hat AC-3 maximum750 1/he at AC-3 maximum750 1/he at AC-3 maximum750 1/he at AC-3 maximum750 1/he at AC-4 maximum250 1/h	<ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>	5.3 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 valuelimited to 1 s switching at zero current maximum300 A; Use minimum cross-section acc. to AC-1 rated valuelimited to 10 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated valuelimited to 30 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated valuelimited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated valuelimited to 60 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated valuelimited to 60 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated valuelimited to 60 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated valuelimited to 60 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated valuelimited to 60 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated value1500 1/h1500 1/h<	<ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>	9.3 kVA
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 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	<ul> <li>up to 500 V for current peak value n=30 rated value</li> </ul>	11.6 kVA
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 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 value	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• at DC1 500 1/h• at AC-1 maximum1 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-3 maximum750 1/h• at AC-4 maximum250 1/h		
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Imited to 10 s switching at zero current maximum210 A; Use minimum cross-section acc. to AC-1 rated valueImited to 30 s switching at zero current maximum144 A; Use minimum cross-section acc. to AC-1 rated valueImited to 60 s switching at zero current maximum118 A; Use minimum cross-section acc. to AC-1 rated valueImited to 60 s switching frequency118 A; Use minimum cross-section acc. to AC-1 rated valueImited to 20 s switching frequency1 500 1/hImited to 20 s at AC-1 maximum1 500 1/hImited to 20 s at AC-1 maximum1 000 1/hImited to 20 s at AC-2 maximum750 1/hImited to 20 s at AC-3 maximum750 1/hImited to 20 s at AC-3 maximum750 1/hImited to 20 s at AC-3 maximum250 1/hImited to 20 s 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 frequency118 A; Use minimum cross-section acc. to AC-1 rated value• at DC1 500 1/hoperating frequency1 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• at DC1 500 1/hoperating frequency1• 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 e maximum750 1/h• at AC-4 maximum250 1/h	-	
no-load switching frequency         1           • 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-3e maximum         250 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-3e maximum         250 1/h		118 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 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		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-1 maximum	1 000 1/h
• at AC-3e maximum         750 1/h           • at AC-4 maximum         250 1/h	• at AC-2 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
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

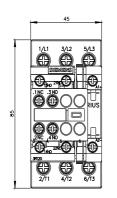
gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) gG: 10 A (500 V, 1 kA)

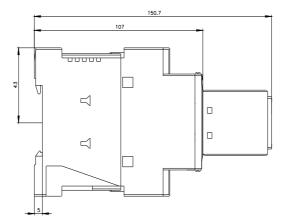
Installation/ mounting/ dimensions	
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
side-by-side mounting	Yes
height	85 mm
width	45 mm
depth	151 mm
required spacing	
with side-by-side mounting	
— 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
for live parts	
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	6 mm
Connections/ Terminals	
type of electrical connection	
<ul> <li>for main current circuit</li> </ul>	screw-type terminals
<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
type of connectable conductor cross-sections for main contacts	
• solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)
<ul> <li>solid or stranded</li> </ul>	2x (1 2.5 mm²), 2x (2.5 10 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
connectable conductor cross-section for main contacts	
• solid	1 10 mm <sup>2</sup>
• stranded	1 10 mm²
finely stranded with core end processing	1 10 mm <sup>2</sup>
connectable conductor cross-section for auxiliary contacts	
solid or stranded	0.5 2.5 mm <sup>2</sup>
finely stranded with core end processing	0.5 2.5 mm <sup>2</sup>
type of connectable conductor cross-sections	
for auxiliary contacts	
— solid or stranded	2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )
— finely stranded with core end processing	2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )
for AWG cables for auxiliary contacts	2x (20 16), 2x (18 14)
AWG number as coded connectable conductor cross section	
• for main contacts	16 8
<ul> <li>for auxiliary contacts</li> </ul>	20 14
Safety related data	
product function	
<ul> <li>mirror contact according to IEC 60947-4-1</li> </ul>	Yes
positively driven operation according to IEC 60947-5-1	No
B10 value with high demand rate according to SN 31920	450 000
proportion of dangerous failures	
<ul> <li>with low demand rate according to SN 31920</li> </ul>	40 %
<ul> <li>with high demand rate according to SN 31920</li> </ul>	73 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT

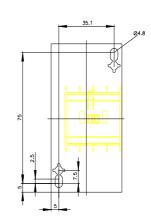
T1 value for proof test	interval or service life acco	rding to IEC 20	a		
61508					
protection class IP of	n the front according to II	EC 60529 IP2	0		
•	the front according to IEC	60529 fing	er-safe, for vertical contact	from the front	
suitability for use					
safety-related sy	Ŭ	Yes	3		
Certificates/ approvals					
General Product App	proval				
(SP)		<u>Confirmation</u>		KC	EHC
EMC	Functional Safety/Safety of Ma- chinery	Declaration of Confe	ormity	Test Certificates	
RCM	<u>Type Examination Cer-</u> <u>tificate</u>	CE EG-Konf.	UK CA	<u>Special Test Certific-</u> <u>ate</u>	Type Test Certific- ates/Test Report
Marine / Shipping					
ABS	BUREAU VERITAS		Lloyd's Register urs	RINA	RMRS
other		Railway	Dangerous Good	Environment	
<u>Confirmation</u>		Vibration and Shock	Transport Information	Environmental Con- firmations	
Further information					
	Siemens has decided to exit the Russian market (see here).				
https://press.siemens.c	https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates.				
Please contact your lo		tatus of validity of the E	AC certification if you intendusia or Belarus).	d to import or offer to suppl	ly these products to an
Information on the pa	ackaging				
	/.siemens.com/cs/ww/en/vi				
https://www.siemens.c	vnloadcenter (Catalogs, E <u>om/ic10</u>	sociares,)			
Industry Mall (Online	ordering system) emens.com/mall/en/en/Cata	alog/product2mlfb=2DT	2026-1BE44		
Cax online generator		αιοθ/βιοσασιζιμιβ=3ΚΓ	<u>2020-10F44</u>		
http://support.automati	on.siemens.com/WW/CAX		en&mlfb=3RT2026-1BF44	<u>1</u>	
	anuals, Certificates, Chara 				
Image database (pro		on drawings, 3D mode	ls, device circuit diagram -1BF44⟨=en	s, EPLAN macros,)	

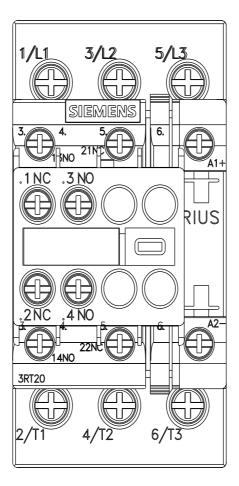
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-1BF44/char

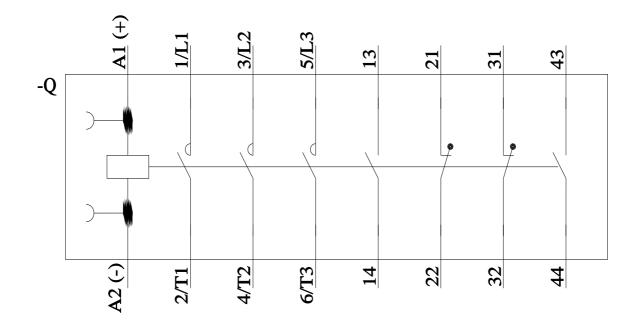
Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2026-1BF44&objecttype=14&gridview=view1











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