## SIEMENS

## Data sheet

## 3RT2016-1AP62



power contactor, AC-3e/AC-3, 9 A, 4 kW / 400 V, 3-pole, 220 V AC, 50 Hz / 240 V, 60 Hz, auxiliary contacts: 1 NC, screw terminal, size: S00

product brand name         SIRUS           product designation         Power contactor           product type designation         SRT2           Contractor         S00           product extension         No           • turnction module for communication         No           • auxiliary switch         Yes           power loss [W] for rated value of the current         0.9 W           • at AC in hot operating state         0.9 W           • at AC in hot operating state per pole         0.3 W           • without load current share typical         1.2 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         6 kV           • of auxiliary circuit rated value         75 ms. 4.2g / 10 ms           * shock resistance at rectangular impulse         10.5g / 5 ms. 6.6g / 10 ms		
product type designation         3RT2           Ceneral technical data	product brand name	SIRIUS
Concrait technical data     S00       size of contactor     S00       product extension     No       • auxiliary switch     Yes       power loss [W] for rated value of the current     0.9 W       • at AC in hot operating state     0.9 W       • without load current share typical     1.2 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 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 main circuit rated value     6 kV       • of auxiliary circuit rated value     6 kV       • of contactor with added dectronically optimized auxiliary switch block typical     30 000 000       • of the contactor with added auxiliary switch block typical     30 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     0 00 m	product designation	Power contactor
size of contactor     S00       product extension     • function module for communication     No       • auxiliary switch     Yes       power loss [W] for rated value of the current     0.9 W       • at AC in hot operating state per pole     0.3 W       • without load current share typical     1.2 W       insulator 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 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     64V       • of contactor with sine pulse     6,7g / 5 ms, 4,2g / 10 ms       shock resistance with sine pulse     6,7g / 5 ms, 6,6g / 10 ms       mechanical service Iffo (operating cycles)     30 000 000       • of the contactor with added electronically optimized     30 000 000       • of the contactor with added electronically optimized     30 000 000       • of the contactor with added electronically optimized     0.00 000       • of the contactor with added electronically optimized     0.00 000	product type designation	3RT2
product extension     No       • function module for communication     No       • auxiliary switch     Yes       power loss [W] for rated value of the current     0.9 W       • at AC in hot operating state     0.9 W       • at AC in hot operating state per pole     0.3 W       • without load current share typical     1.2 W       insulation voltage     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main ling victoric triated value     680 V       • of main ling victoric triated value     6 kV       • of main ling victoric triated value     6 kV       • of analiting victoric triated value     6 kV       • of actacting to EIN 60947-1     5000 V       shock resistance a troctang tor Bin 6092     6.7g / 5 ms, 4.2g / 10 ms       • at AC     10.5g / 5 ms, 6.6g / 10 ms       mechanical service life (operating cycles)     30 000 000       • of the contactor with added electronically optimized     30 000 000       awiliary switch block typical     10 00 000       reference	General technical data	
• function module for communication       No         • auxiliary switch       Yes         power loss [W] for rated value of the current       0.9 W         • at AC in hot operating state       0.9 W         • at AC in hot operating state per pole       0.3 W         • without load current share typical       1.2 W         Insultation 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 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 AC       6.7g / 5 ms, 4.2g / 10 ms         shock resistance with sine pulse       6.7g / 5 ms, 6.6g / 10 ms         • at AC       10.5g / 5 ms, 6.6g / 10 ms         mechanical service life (operating cycles)       30 000 000         • of the contactor typical       30 000 000         • of the contactor typical       10 000 000	size of contactor	S00
• auxiliary switch     Yes       power loss [W] for rated value of the current     0.9 W       • at AC in hot operating state prole     0.3 W       • at AC in hot operating state prole     0.3 W       • without load current share typical     1.2 W       insulation voltage     680 V       • of anal nicroit with degree of pollution 3 rated value     690 V       • of anal nicroit 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       • of auxiliary circuit rated value     5.7g / 5 ms, 4.2g / 10 ms       shock resistance with added electronically optimized     30 000 000	product extension	
power loss [W] for rated value of the current       0.9 W         • at AC in hot operating state per pole       0.3 W         • without bad current share typical       1.2 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       61 V         • of main circuit rated value       61 V         • of main conduct rated value       61 V         • of auxiliary circuit rated value       61 V         • at AC       6.7g / 5 ms, 4.2g / 10 ms         shock resistance at rectangular impulse       61.7g / 5 ms, 6.6g / 10 ms         • at AC       10.5g / 5 ms, 6.6g / 10 ms         mechanical service life (operating cycles)       00 0000         • 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	<ul> <li>function module for communication</li> </ul>	No
• at AC in hot operating state       0.9 W         • at AC in hot operating state per pole       0.3 W         • without load current share typical       1.2 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 with degree of pollution 3 rated value       690 V         • of auxiliary circuit rated value       6 kV         • at AC       6.7g / 5 ms, 4.2g / 10 ms         • at AC       10.5g / 5 ms, 6.6g / 10 ms         • of contactor typical       30 000 000         • of the contactor with added electronically optimized       30 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • o	<ul> <li>auxiliary switch</li> </ul>	Yes
• at AC in hot operating state per pole       0.3 W         • withbut load current share typical       1.2 W         insulation voltage       60 min 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 auxiliary circuit rated value       6 kV         • at AC       6.7g / 5 ms, 4.2g / 10 ms         • at AC       10.5g / 5 ms, 6.6g / 10 ms         • at AC       10.5g / 5 ms, 6.6g / 10 ms         • of contactor typical       30 000 000         • 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 accordin	power loss [W] for rated value of the current	
• without load current share typical       1.2 W         insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         surge voltage resistance       600 V         • of main circuit rated value       680 V         maximum permissible voltage for protective separation between       6 kV         • of auxiliary circuit rated value       6 kV         maximum permissible voltage for protective separation between       400 V         shock resistance at rectangular impulse       6,7g / 5 ms, 4,2g / 10 ms         • at AC       10,5g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)       30 000 000         • of the contactor typical       5 000 000         • of the contactor with added electronically optimized       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       1001/2009         Ambient conditions       -25 +60 °C         • during storage       -55 +80 °C         • relative humidity minimum       10 %         relative humidity minimum       10 %	<ul> <li>at AC in hot operating state</li> </ul>	0.9 W
Insulation voltage <ul> <li>of main circuit with degree of pollution 3 rated value</li> <li>of auxiliary circuit with degree of pollution 3 rated value</li> <li>90 V</li> </ul> surge voltage resistance <ul> <li>of main circuit rated value</li> <li>6 KV</li> <li>of auxiliary circuit rated value</li> <li>6 KV</li> <li>adam main contacts according to EN 60947-1</li> <li>shock resistance at rectangular impulse                        <ul></ul></li></ul>	<ul> <li>at AC in hot operating state per pole</li> </ul>	0.3 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       680 V         • of main 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       6,7g / 5 ms, 4,2g / 10 ms         • at AC       6,7g / 5 ms, 4,2g / 10 ms         shock resistance with sine pulse       000000         • at AC       10,5g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)       00 0000         • 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       -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 %         Main cincuit       95 % <th><ul> <li>without load current share typical</li> </ul></th> <th>1.2 W</th>	<ul> <li>without load current share typical</li> </ul>	1.2 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       6,7g / 5 ms, 4,2g / 10 ms         • at AC       6,7g / 5 ms, 6,6g / 10 ms         shock resistance with sine pulse       0000000         • of contactor typical       30 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       5000 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 attride a height above sea level maximum       2 000 m         amblent 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 maximum       95 %	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       6,7g / 5 ms, 4,2g / 10 ms         • at AC       6,7g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)       30 000 000         • 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       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity minum       10 %         95 %       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         maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse       6,7g / 5 ms, 4,2g / 10 ms         • at AC       6,7g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)       00 00         • of the contactor vipical       30 000 000         • 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       -25 +60 °C         • during operation       -25 +80 °C         • during storage       -55 +80 °C         • during storage       5	<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 AC       6,7g / 5 ms, 4,2g / 10 ms         shock resistance with sine pulse       •         • at AC       10,5g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)       •         • of contactor typical       30 000 000         • 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 +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         shock resistance at rectangular impulse       6,7g / 5 ms, 4,2g / 10 ms         • at AC       6,7g / 5 ms, 4,2g / 10 ms         shock resistance with sine pulse       0,5g / 5 ms, 6,6g / 10 ms         • at AC       10,5g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)       30 000 000         • of contactor typical       30 000 000         • 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 %         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         • at AC       6,7g / 5 ms, 4,2g / 10 ms         shock resistance with sine pulse         • at AC       10,5g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)         • of contactor typical       30 000 000         • 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         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       Main circuit	<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV
• at AC       6,7g / 5 ms, 4,2g / 10 ms         shock resistance with sine pulse       10,5g / 5 ms, 6,6g / 10 ms         • at AC       10,5g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)       30 000 000         • of contactor typical       30 000 000         • 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 %         Main circuit       Main circuit		400 V
shock resistance with sine pulse       0.5 g / 5 ms, 6,6g / 10 ms         • at AC       10,5g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)       30 000 000         • of contactor typical       30 000 000         • 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 +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	shock resistance at rectangular impulse	
• at AC       10,5g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)       30 000 000         • of contactor typical       30 000 000         • 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 +60 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %	• at AC	6,7g / 5 ms, 4,2g / 10 ms
mechanical service life (operating cycles)     30 000 000       • of contactor typical     30 000 000       • of the contactor with added electronically optimized auxiliary switch block typical     5 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       reference code according to IEC 81346-2     Q       Substance Prohibitance (Date)     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	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 (Date)</li> <li>of the contact</li></ul>	• at AC	10,5g / 5 ms, 6,6g / 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 +80 °C         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       95 %	<ul> <li>of contactor typical</li> </ul>	30 000 000
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       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 %         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         • during operation         • during storage         -25 +60 °C         • during storage         -55 +80 °C         relative humidity minimum         10 %         relative humidity at 55 °C according to IEC 60068-2-30 maximum         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 %	<ul> <li>during operation</li> </ul>	-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 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
<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	22 A
value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	22 A
— up to 690 V at ambient temperature 60 °C rated	20 A
value	
● at AC-3	
— at 400 V rated value	9 A
— at 500 V rated value	7.7 A
— at 690 V rated value	6.7 A
• at AC-3e	
— at 400 V rated value	9 A
— at 500 V rated value	7.7 A
— at 690 V rated value	6.7 A
at AC-4 at 400 V rated value	8.5 A
at AC-5a up to 690 V rated value	19.4 A
• at AC-5b up to 400 V rated value	7.4 A
• at AC-6a	5.2.4
— up to 230 V for current peak value n=20 rated value	5.3 A
<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>	5.3 A 5.3 A
— up to 500 V for current peak value n=20 rated value	5.5 A
• at AC-6a	54
<ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>	3.5 A
— up to 200 V for current peak value n=30 rated value	3.5 A
— up to 500 V for current peak value n=30 rated value	3.6 A
— up to 690 V for current peak value n=30 rated value	3.3 A
minimum cross-section in main circuit at maximum AC-1 rated	4 mm <sup>2</sup>
value	
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	4.1 A
at 690 V rated value	3.3 A
operational current	
• at 1 current path at DC-1	
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	2.1 A
— at 220 V rated value	0.8 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
• with 2 current paths in series at DC-1	
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	12 A
— at 220 V rated value	1.6 A
— at 440 V rated value	0.8 A
— at 600 V rated value	0.7 A
<ul> <li>with 3 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	20 A
— at 440 V rated value	1.3 A
— at 600 V rated value	1 A
<ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>	

<ul> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>with 2 current paths in series at DC-3 at DC-5</li> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> </ul>	20 A 0.5 A 0.15 A 20 A 5 A 0.35 A
<ul> <li>at 110 V rated value</li> <li>with 2 current paths in series at DC-3 at DC-5</li> <li>at 24 V rated value</li> <li>at 60 V rated value</li> </ul>	0.15 A 20 A 5 A
with 2 current paths in series at DC-3 at DC-5     — at 24 V rated value     — at 60 V rated value	20 A 5 A
— at 24 V rated value — at 60 V rated value	5 A
— at 60 V rated value	5 A
at 110 V rated value	0.35 A
— at 110 V rated value	
<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	1.5 A
— at 440 V rated value	0.2 A
— at 600 V rated value	0.2 A
operating power	
at AC-2 at 400 V rated value	4 kW
• at AC-3	
— at 230 V rated value	2.2 kW
— at 400 V rated value	4 kW
— at 500 V rated value	4 kW
— at 600 V rated value	5.5 kW
• at AC-3e	
- at 230 V rated value	2.2 kW
— at 400 V rated value	4 kW
— at 500 V rated value	4 kW
— at 600 V rated value	5.5 kW
	5.5 KW
operating power for approx. 200000 operating cycles at AC- 4	
• at 400 V rated value	2 kW
at 690 V rated value	2.5 kW
operating apparent power at AC-6a	
up to 230 V for current peak value n=20 rated value	2 kVA
<ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	3.6 kVA
<ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul>	4.6 kVA
• up to 690 V for current peak value n=20 rated value	5.9 kVA
operating apparent power at AC-6a	
up to 230 V for current peak value n=30 rated value	1.3 kVA
• up to 400 V for current peak value n=30 rated value	2.4 kVA
• up to 500 V for current peak value n=30 rated value	3.1 kVA
• up to 690 V for current peak value n=30 rated value	4 kVA
short-time withstand current in cold operating state up to	
40 °C	
<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	155 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	111 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	86 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	66 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	55 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at AC	10 000 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
Control circuit/ Control	
	AC
type of voltage of the control supply voltage	
<ul> <li>control supply voltage at AC</li> <li>at 50 Hz rated value</li> </ul>	220 V
at 60 Hz rated value	240 V
operating range factor control supply voltage rated value of magnet coil at AC	

• at 50 Hz     0.8 1.1       apparent pick-up power of magnet coil at AC     26.4 VA       • at 50 Hz     26.4 VA       Inductive power factor with closing power of the coil     0.81       • at 50 Hz     0.44 VA       • at 60 Hz     0.81       • at 60 Hz     0.24       • at 60 V rated value     10 A    <	
apparent pick-up power of magnet coil at AC         • at 50 Hz       26.4 VA         • at 50 Hz       26.4 VA         inductive power factor with closing power of the coil       0.81         • at 50 Hz       0.81         apparent holding power of magnet coil at AC       0.81         • at 50 Hz       0.81         apparent holding power of magnet coil at AC       4.4 VA         • at 60 Hz       4.4 VA         inductive power factor with the holding power of the coil       0.24         • at 60 Hz       0.24         closing delay       0.24         • at AC       9 35 ms         opening delay       -         • at AC       4 15 ms         arcing time       10 15 ms         control version of the switch operating mechanism       Standard A1 - A2         Auxiliary circuit       1         number of NC contacts for auxiliary contacts instantaneous contact       1         coperational current at AC-12 maximum       10 A         • at 400 V rated value       3 A         • at 200 V rated value       2 A         • at 600 V rated value       6 A         • at 400 V rated value       6 A         • at 400 V rated value       6 A         •	
<ul> <li>at 50 Hz</li> <li>26.4 VA</li> <li>at 60 Hz</li> <li>26.4 VA</li> <li>inductive power factor with closing power of the coll</li> <li>at 60 Hz</li> <li>0.81</li> <li>at 60 Hz</li> <li>0.81</li> <li>at 60 Hz</li> <li>0.24</li> <li>at 60 Hz</li> <li>at AC</li> <li>at 60 Hz</li> <li>at AC</li> <li>at 60 Hz</li> <li>at AC</li> <li>at 60 V rated value at 60 Hz</li> <li>at 60 V rated value</li> <li>at 60 V rated value</li> <li>at 220 V rated value</li> <li>at 240 V rated value</li> <li>at 60 V rated value</li> <li>at 240 V rated value</li> <li>at 220 V rated value</li> <li>at 430 V rated val</li></ul>	
• at 60 Hz         26.4 VA           inductive power factor with closing power of the coil	
inductive power factor with closing power of the coll	
• at 50 Hz         0.81           • at 60 Hz         0.81           • at 60 Hz         0.81           • at 60 Hz         4.4 VA           • at 50 Hz         4.4 VA           • at 60 Hz         4.4 VA           Inductive power factor with the holding power of the coil         4.4 VA           inductive power factor with the holding power of the coil         0.24           • at 60 Hz         0.24           • at 60 Hz         0.24           • at AC         9 35 ms           opening delay         4 15 ms           • at AC         4 15 ms           arcing time         10 15 ms           control version of the switch operating mechanism         1           operational current at AC-12 maximum         10 A           operational current at AC-15         -           • at 200 V rated value         10 A           • at 400 V rated value         3 A           • at 600 V rated value         10 A           • at 600 V rated value         6 A           • at 400 V rated value         10 A           • at 400 V rated value         10 A           • at 600 V rated value         10 A           • at 600 V rated value         2 A           •	
• at 60 Hz         0.81           apparent holding power of magnet coil at AC         4.4 VA           • at 60 Hz         4.4 VA           • at 60 Hz         4.4 VA           • at 60 Hz         0.24           • at AC         9 35 ms           opening delay         -           • at AC         4 15 ms           arcing time         10 15 ms           control version of the switch operating mechanism         Standard A1 - A2           Atuiliary circuit         10 A           operational current at AC-12 maximum         10 A           operational current at AC-15         -           • at 200 V rated value         3 A           • at 500 V rated value         1 A           operational current at DC-12         -           • at 200 V rated value         6 A           • at 600 V rated value         6 A           • at 600 V rated value         6 A           • at 100 V rated value         6 A           • at 400 V rated value         6 A           • at 600 V rated value         2 A	
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• at 60 Hz         4.4 VA           inductive power factor with the holding power of the coil         0.24           • at 50 Hz         0.24           • at 60 Hz         0.24           closing delay         935 ms           • at AC         935 ms           opening delay         415 ms           • at AC         415 ms           arcing time         10 15 ms           control version of the switch operating mechanism         Standard A1 - A2           Auxiliary circuit         10 A           operational current at AC-12 maximum         10 A           operational current at AC-15         -           • at 200 V rated value         3 A           • at 600 V rated value         3 A           • at 600 V rated value         6 A           • at 600 V rated value         6 A           • at 600 V rated value         3 A           • at 600 V rated value         6 A           • at 25 V rated value         6 A           • at 10 V rated value         6 A           • at 25 V rated value         6 A           • at 600 V rated value         6 A           • at 600 V rated value         0.15 A           • at 25 V rated value         10 A <tr< td=""><td></td></tr<>	
inductive power factor with the holding power of the coll• at 50 Hz0.24• at 60 Hz0.24closing delay0.24• at AC9 35 msopening delay4 15 ms• at AC4 15 msarcing time10 15 mscontrol version of the switch operating mechanismStandard A1 - A2Auxiliary circuit10 Aoperational current at AC-12 maximum10 Aoperational current at AC-151• at 230 V rated value3 A• at 60 V rated value2 A• at 60 V rated value10 Aoperational current at DC-121• at 24 V rated value6 A• at 48 V rated value6 A• at 48 V rated value3 A• at 24 V rated value10 Aoperational current at DC-121• at 24 V rated value6 A• at 48 V rated value6 A• at 48 V rated value6 A• at 48 V rated value1 A• at 48 V rated value6 A• at 48 V rated value6 A• at 48 V rated value1 A• at 48 V rated value1 A• at 48 V rated value1 A• at 48 V rated value2 A• at 48 V rated value2 A• at 48 V rated value2 A• at 48 V rated value1 A• at 48 V rated value2 A <td></td>	
• at 50 Hz         0.24           • at 60 Hz         0.24           closing delay         0.24           • at AC         9 35 ms           opening delay         4 15 ms           • at AC         4 15 ms           arcing time         10 15 ms           control version of the switch operating mechanism         Standard A1 - A2           Auxiliary circuit         1           number of NC contacts for auxiliary contacts instantaneous contact         1           operational current at AC-12 maximum         10 A           operational current at AC-15         -           • at 230 V rated value         3 A           • at 500 V rated value         2 A           • at 600 V rated value         1 A           operational current at DC-12         -           • at 600 V rated value         6 A           • at 600 V rated value         6 A           • at 600 V rated value         3 A           • at 10 V rated value         0 A           • at 600 V rated value         0 A           • at 600 V rated value         0 A           • at 210 V rated value         0 A           • at 220 V rated value         0 A           • at 600 V rated value         0 A	
• at 80 Hz         0.24           closing delay         9 35 ms           opening delay         4 15 ms           • at AC         4 15 ms           arcing time         10 15 ms           control version of the switch operating mechanism         Standard A1 - A2           Auxiliary circuit         10 A           operational current at AC-12 maximum         10 A           operational current at AC-15         1           • at 230 V rated value         3 A           • at 600 V rated value         3 A           • at 600 V rated value         10 A           • at 600 V rated value         3 A           • at 600 V rated value         2 A           • at 600 V rated value         6 A           • at 600 V rated value         10 A           • at 600 V rated value         10 A           • at 600 V rated value         2 A           • at 600 V rated value         6 A           • at 600 V rated value         10 A           • at 600 V rated value         10 A           • at 600 V rated value         10 A           • at 600 V rated value         2 A           • at 20 V rated value         2 A           • at 20 V rated value         1 A <tr< td=""><td></td></tr<>	
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• at AC4 15 msarcing time10 15 mscontrol version of the switch operating mechanismStandard A1 - A2Auxiliary circuit1number of NC contacts for auxiliary contacts instantaneous contact1operational current at AC-12 maximum10 Aoperational current at AC-15• at 230 V rated value10 A• at 400 V rated value3 A• at 600 V rated value1 Aoperational current at DC-12• at 600 V rated value6 A• at 600 V rated value3 A• at 24 V rated value6 A• at 600 V rated value10 A• at 480 V rated value10 A• at 480 V rated value10 A• at 480 V rated value10 A• at 600 V rated value10 A• at 480 V rated value2 A• at 240 V rated value2 A• at 240 V rated value2 A• at 480 V rated value2 A• at 480 V rated value10 A• at 480 V rated value2 A	
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Auxiliary circuit         number of NC contacts for auxiliary contacts instantaneous contact       1         operational current at AC-12 maximum       10 A         operational current at AC-15       10 A         • at 230 V rated value       10 A         • at 400 V rated value       3 A         • at 500 V rated value       2 A         • at 690 V rated value       1 A         operational current at DC-12       10 A         • at 24 V rated value       6 A         • at 60 V rated value       6 A         • at 60 V rated value       6 A         • at 60 V rated value       6 A         • at 220 V rated value       10 A         • at 24 V rated value       6 A         • at 20 V rated value       6 A         • at 20 V rated value       10 A         • at 20 V rated value       6 A         • at 60 V rated value       1 A         • at 20 V rated value       1 A         • at 20 V rated value       2 A         • at 20 V rated value       1 A         • at 20 V rated value       2 A         • at 20 V rated value       2 A         • at 20 V rated value       10 A         • at 24 V rated value       2 A         • at	
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• at 230 V rated value       10 A         • at 400 V rated value       3 A         • at 500 V rated value       2 A         • at 690 V rated value       1 A         operational current at DC-12	
• at 400 V rated value       3 A         • at 500 V rated value       2 A         • at 690 V rated value       1 A         operational current at DC-12	
<ul> <li>at 500 V rated value</li> <li>at 690 V rated value</li> <li>1 A</li> </ul> Operational current at DC-12 <ul> <li>at 24 V rated value</li> <li>10 A</li> <li>at 48 V rated value</li> <li>6 A</li> <li>at 60 V rated value</li> <li>3 A</li> <li>at 110 V rated value</li> <li>3 A</li> <li>at 125 V rated value</li> <li>2 A</li> <li>at 600 V rated value</li> <li>3 A</li> <li>at 220 V rated value</li> <li>0.15 A</li> </ul> Operational current at DC-13 <ul> <li>at 24 V rated value</li> <li>10 A</li> <li>2 A</li> <li>at 48 V rated value</li> <li>2 A</li> <li>at 60 V rated value</li> <li>3 A</li> <li>4 A</li> <li>4 A V rated value</li> <li>5 A</li> &lt;</ul>	
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• at 24 V rated value       10 A         • at 48 V rated value       6 A         • at 60 V rated value       6 A         • at 10 V rated value       3 A         • at 125 V rated value       2 A         • at 220 V rated value       0.15 A         • at 600 V rated value       0.15 A         • at 24 V rated value       2 A         • at 60 V rated value       2 A         • at 60 V rated value       10 A         • at 60 V rated value       2 A         • at 10 V rated value       10 A	
<ul> <li>at 48 V rated value</li> <li>at 60 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>at 110 V rated value</li> <li>at 125 V rated value</li> <li>at 220 V rated value</li> <li>at 600 V rated value</li> <li>1 A</li> <li>at 600 V rated value</li> <li>0.15 A</li> </ul> Operational current at DC-13 <ul> <li>at 24 V rated value</li> <li>10 A</li> <li>at 48 V rated value</li> <li>2 A</li> <li>at 60 V rated value</li> <li>10 A</li> <li>at 60 V rated value</li> <li>10 A</li> <li>at 60 V rated value</li> <li>10 A</li> <li>110 V rated value</li> <li>10 A</li> <li>110 V rated value</li> <li>110 V rated value</li> </ul>	
• 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       1 A         • at 600 V rated value       0.15 A         operational current at DC-13       10 A         • at 24 V rated value       2 A         • at 48 V rated value       2 A         • at 48 V rated value       10 A         • at 40 V rated value       10 A         • at 40 V rated value       1 A	
<ul> <li>at 110 V rated value</li> <li>at 125 V rated value</li> <li>at 125 V rated value</li> <li>at 220 V rated value</li> <li>at 600 V rated value</li> <li>0.15 A</li> </ul> operational current at DC-13 <ul> <li>at 24 V rated value</li> <li>10 A</li> <li>at 48 V rated value</li> <li>2 A</li> <li>at 60 V rated value</li> <li>2 A</li> <li>at 60 V rated value</li> <li>10 A</li> <li>at 60 V rated value</li> <li>10 A</li> <li>110 V rated value</li> <li>110 V rated value</li> <li>110 V rated value</li> </ul>	
<ul> <li>at 125 V rated value</li> <li>at 220 V rated value</li> <li>at 220 V rated value</li> <li>at 600 V rated value</li> <li>0.15 A</li> </ul> operational current at DC-13 <ul> <li>at 24 V rated value</li> <li>10 A</li> <li>at 48 V rated value</li> <li>2 A</li> <li>at 60 V rated value</li> <li>2 A</li> <li>at 60 V rated value</li> <li>110 V rated value</li> <li>1 A</li> </ul>	
<ul> <li>at 220 V rated value</li> <li>at 600 V rated value</li> <li>0.15 A</li> <li>operational current at DC-13</li> <li>at 24 V rated value</li> <li>10 A</li> <li>at 48 V rated value</li> <li>2 A</li> <li>at 60 V rated value</li> <li>2 A</li> <li>at 110 V rated value</li> <li>1 A</li> </ul>	
• at 600 V rated value         0.15 A           operational current at DC-13         -           • at 24 V rated value         10 A           • at 48 V rated value         2 A           • at 60 V rated value         2 A           • at 110 V rated value         1 A	
operational current at DC-1310 A• at 24 V rated value10 A• at 48 V rated value2 A• at 60 V rated value2 A• at 110 V rated value1 A	
at 24 V rated value     10 A     10 A     2 A     at 48 V rated value     2 A     at 60 V rated value     at 110 V rated value     1 A	
• at 48 V rated value2 A• at 60 V rated value2 A• at 110 V rated value1 A	
at 60 V rated value 2 A     at 110 V rated value 1 A	
• at 110 V rated value 1 A	
• at 125 V rated value 0.9 A	
• at 220 V rated value 0.3 A	
at 600 V rated value     0.1 A	
contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V,	1 mA)
JL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value 7.6 A	
• at 600 V rated value 9 A	
yielded mechanical performance [hp]	
for single-phase AC motor	
- at 110/120 V rated value 0.33 hp	
— at 230 V rated value 1 hp	
• for 3-phase AC motor	
- at 200/208 V rated value 2 hp	
— at 220/230 V rated value 3 hp	
— at 460/480 V rated value 5 hp	
— at 575/600 V rated value 7.5 hp	
contact rating of auxiliary contacts according to UL A600 / Q600	
Short-circuit protection	

design of the fuse link				
<ul> <li>for short-circuit protection of the main circuit</li> </ul>				
<ul> <li>— with type of coordination 1 required</li> </ul>	gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)			
- with type of assignment 2 required	gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)			
<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	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			
<ul> <li>side-by-side mounting</li> </ul>	Yes			
height	58 mm			
width	45 mm			
depth	73 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			
for grounded parts				
— forwards	10 mm			
— upwards	10 mm			
— at the side	6 mm			
— at the side — downwards	0 mm			
for live parts	10			
— 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			
<ul> <li>of magnet coil</li> </ul>	Screw-type terminals			
type of connectable conductor cross-sections for main contacts				
• solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²			
<ul> <li>solid or stranded</li> </ul>	2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm²			
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)			
connectable conductor cross-section for main contacts				
• solid	0.5 4 mm²			
stranded	0.5 4 mm²			
<ul> <li>finely stranded with core end processing</li> </ul>	0.5 2.5 mm <sup>2</sup>			
connectable conductor cross-section for auxiliary contacts				
solid or stranded	0.5 4 mm²			
<ul> <li>finely stranded with core end processing</li> </ul>	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 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²			
<ul> <li>— finely stranded with core end processing</li> </ul>	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), 2x 12			
AWG number as coded connectable conductor cross section				
for main contacts	20 12			
for auxiliary contacts	20 12			
Safety related data	20 12			
product function	Vac			
mirror contact according to IEC 60947-4-1	Yes			
	Yes			
suitability for use safety-related switching OFF				
suitability for use safety-related switching OFF B10 value with high demand rate according to SN 31920 proportion of dangerous failures	1 000 000			

failure rate [FIT] with low d T1 value for proof test inte 61508 protection class IP on th touch protection on the f Certificates/ approvals	erval or service life accorner front according to IE front according to IEC	ro SN 31920 rding to IEC EC 60529	73 % 100 FIT 20 a IP20 finger-safe, for vertical contact	from the front							
failure rate [FIT] with low d T1 value for proof test inte 61508 protection class IP on th touch protection on the f Certificates/ approvals	demand rate according t erval or service life accord ne front according to IE front according to IEC	ro SN 31920 rding to IEC EC 60529	20 a IP20	from the front							
61508 protection class IP on the touch protection on the f Certificates/ approvals	ne front according to IE front according to IEC	EC 60529	IP20	from the front							
touch protection on the t Certificates/ approvals	front according to IEC			from the front							
touch protection on the t Certificates/ approvals	front according to IEC		finger-safe, for vertical contact	from the front							
	val										
General Product Approv	val			ertificates/ approvals							
				General Product Approval							
(SP) CAL	CCC	<u>Confirmatio</u>		KC	EHC						
EMC	Functional Safety/Safety of Ma- chinery	Declaration of	Conformity	Test Certificates							
	<u>ype Examination Cer-</u> tificate	CE EG-Konf.	UK CA	Special Test Certific- ate	Type Test Certific- ates/Test Report						
Marine / Shipping											
ABS	BUREAU VERITAS		Lloyd's Register urs	PRS	RINA						
Marine / Shipping	other			Railway	Environment						
RMRS	<u>Confirmation</u>	DE	Confirmation	Vibration and Shock	Environmental Con- firmations						
Further information Siemens has decided to											

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 local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2016-1AP62

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2016-1AP62

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RT2016-1AP62

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

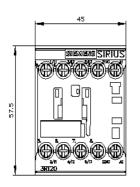
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2016-1AP62&lang=en

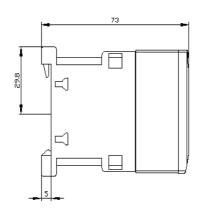
Characteristic: Tripping characteristics, I2t, Let-through current

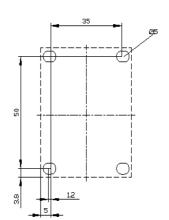
https://support.industry.siemens.com/cs/ww/en/ps/3RT2016-1AP62/char

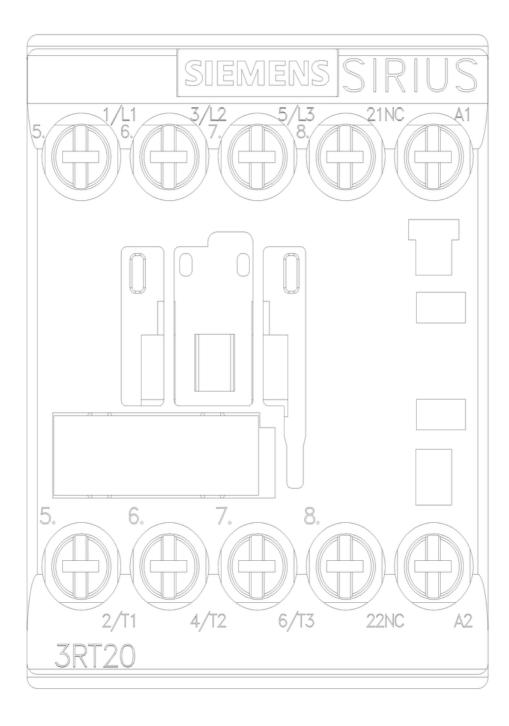
Further characteristics (e.g. electrical endurance, switching frequency)

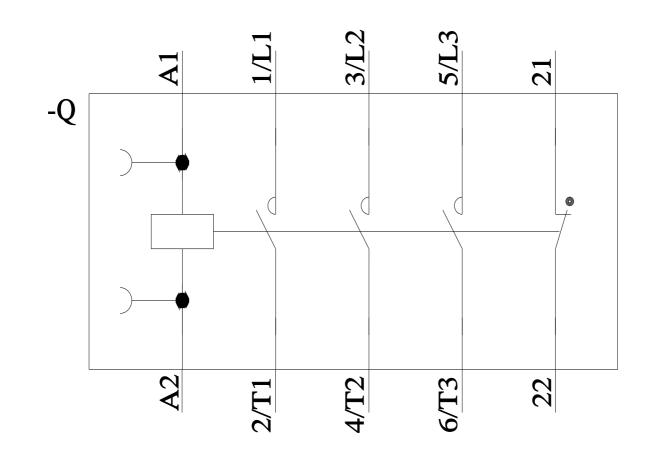
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2016-1AP62&objecttype=14&gridview=view1











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