## SIEMENS

## Data sheet

## 3RT2017-1AF01



power contactor, AC-3e/AC-3, 12 A, 5.5 kW / 400 V, 3-pole, 110 V AC, 50/60 Hz, auxiliary contacts: 1 NO, screw terminal, size: S00

product brand name         SIRUS           product brand designation         Power contactor           product type designation         SRT2           canard technical data         S00           product stansion         No           • function module for communication         No           • auxiliary switch         Yes           power loss [W] for rated value of the current         1.5 W           • at AC in hot operating state         1.5 W           • at AC in hot operating state per pole         0.5 W           • without load current share typical         5.7 W           insultation voltage         690 V           • of main circuit with degree of pollution 3 rated value         690 V           • of auxiliary circuit rated value         6 kV           • of auxiliary circuit rated value         8 kV           • of contactor kips tesperation between coll and main contacts according to EN 80947-1         400 V           • at AC         7.3g / 5 ms, 7.3g / 10 ms           mechanical service life (operating cycles)         5000 000           • of contactor with added auxilary switch block typical <th></th> <th></th>		
product type designation         3RT2           General technical data         S00           size of contactor         S00           product extension         No           • dancting switch         Yes           power loss [W] for rated value of the current         1.5 W           • at AC in hot operating state         1.5 W           • at AC in hot operating state per pole         0.5 W           • without load current share typical         5.7 W           insultation voltage         690 V           • of main circult with degree of pollution 3 rated value         690 V           • of auxiliary circult value         690 V           • of auxiliary circult value         6 kV           • of auxiliary circult rated value         6 kV           • of auxiliary switch         5 00 00 V           stock resistance at cotangular impulse         6 kV           • at AC         7.3g / 5 ms, 4.7g / 10 ms           shock resistance with sine pulse         11.4g / 5 ms, 7.3g / 10 ms           • of contactor typical         30 000 000           • of the contactor with added auxil	product brand name	SIRIUS
General technical data     S00       size of contactor     S00       product extension     No       • auxiliary switch     Yes       power loss [W] for rated value of the current     • at AC in hot operating state     1.5 W       • at AC in hot operating state     0.5 W       • without load current share typical     5.7 W       Insulation voltage     680 V       • of main circuit with degree of pollution 3 rated value     690 V       • of auxiliary circuit with degree of pollution 3 rated value     640 V       • of auxiliary circuit with degree of pollution 3 rated value     640 V       • of main circuit rated value     64V       • of auxiliary circuit rated value     64V       • at AC     7.3g / 5 ms, 4.7g / 10 ms       machinum permissible voltage for protective separation between coll and main contactor with added electronically optimized auxiliary switch block typical       • at AC     11,4g / 5 ms, 7.3g / 10 ms       mechanical service life (operating cycles)     5000 000       • of the contactor with added auxiliary switch block typical     10000 000       reference code according to IEC 81346-2     Q <t< th=""><th>product designation</th><th>Power contactor</th></t<>	product designation	Power contactor
size of contactor     \$00       product extension     • function module for communication     No       • auxilary switch     Yes       power loss [W] for rated value of the current     • 1.5 W       • at AC in hot operating state per pole     0.5 W       • without load current share typical     5.7 W       Insulation voltage     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • 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 auxillary surface biologies     7.3g / 5 ms, 4.7g / 10 ms       shock resistance withs ine pulse     11.4g / 5 ms, 7.3g / 10 ms       • of the contactor with added electronically optimized     30 000 000       • of the contactor with added electronically optimized     1000 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     1.5 W       • at AC in hot operating state prole     0.5 W       • withoot load current share typical     5.7 W       Insulation voltage     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit rated value     6 kV       • of main contacts according to EN 60947-1       shock resistance at rectangular impulse     7.3g / 5 ms, 7.3g / 10 ms       • at AC     11.4g / 5 ms, 7.3g / 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 electronically optimized auxiliary switch block typical     0 0       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with a	General technical data	
• function module for communication     No       • auxillary switch     Yes       power loss [W] for rated value of the current     -       • at AC in hot operating state     1.5 W       • at AC in hot operating state per pole     0.5 W       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     64 kV       • of main circuit rated value     6 kV       • of main circuit rated value     6 kV       • of auxiliary circuit rated value     6 kV       • at AC     7,3g / 5 ms, 4,7g / 10 ms       • shock resistance with sine pulse     30 000 000       • of the contactor which added auxiliary switch block typical     10 000 000       • of the contactor which added auxiliary switch block typical     10 000 000       • of the contactor which added auxiliary switch block typical     10 000 000	size of contactor	S00
• auxiliary switch     Yes       power loss [W] for rated value of the current     1.5 W       • at AC in hot operating state er pole     0.5 W       • at AC in hot operating state per pole     0.5 W       • without load current share typical     5.7 W       insuliary circuit with degree of pollution 3 rated value     690 V       • of main circuit rated value     690 V       • of main circuit rated value     690 V       • of main circuit rated value     64V       • of auxiliary circuit with degree of pollution 3 rated value     64V       • of auxiliary circuit value     6 kV       • at AC     7.3g / 5 ms, 7.3g / 10 ms       shock resistance at rectangular impulse     11.4g / 5 ms, 7.3g / 10 ms       • at AC     11.4g / 5 ms, 7.3g / 10 ms       • of contactor typical     30 000 000       • of the contactor with added electonically 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 extension	
power loss [W] for rated value of the current     1.5 W       • at AC in hot operating state per pole     0.5 W       • without load current share typical     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       • of auxiliary circuit with degree of pollution 3 rated value     690 V       • of auxiliary circuit rated value     6 kV       • of main circuit with degree of polletion 5 rated value     6 kV       • of auxiliary circuit rated value     6 kV       • at AC     7.3g / 5 ms, 4.7g / 10 ms       shock resistance with sine pulse     11.4g / 5 ms, 7.3g / 10 ms       • at AC     11.4g / 5 ms, 7.3g / 10 ms       mechanical service life (operating cycles)     5 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10/00 1/2009	<ul> <li>function module for communication</li> </ul>	No
• at AC in hot operating state prole       1.5 W         • at AC in hot operating state prole       0.5 W         • without load current share typical       5.7 W         insultation 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         • of auxiliary strict block typical       400 V         • at AC       7.3g / 5 ms, 4.7g / 10 ms         shock resistance with sine pulse       11.4g / 5 ms, 7.3g / 10 ms         • at AC       11.4g / 5 ms, 7.3g / 10 ms         • of the contactor with added electronically optimized       30 000 000         • of the contactor with added electronically optimized       10 000 000         • of the	<ul> <li>auxiliary switch</li> </ul>	Yes
• at AC in hot operating state per pole         0.5 W           • without load current share typical         5.7 W           insulation voltage         6           • 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         7.3g / 5 ms, 4.7g / 10 ms           shock resistance at rectangular impulse         11.4g / 5 ms, 7.3g / 10 ms           • at AC         11.4g / 5 ms, 7.3g / 10 ms           mechanical service life (operating cycles)         5 000 000           • 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-	power loss [W] for rated value of the current	
without load current share typical     if the sulation voltage     if and nicroult with degree of pollution 3 rated value     if and nicroult with degree of pollution 3 rated value     if auxiliary circuit with degree of pollution 3 rated value     if auxiliary circuit with degree of pollution 3 rated value     if auxiliary circuit with degree of pollution 3 rated value     if auxiliary circuit with degree of pollution 3 rated value     if auxiliary circuit with degree of pollution 3 rated value     if auxiliary circuit with degree of pollution 3 rated value     if auxiliary circuit with degree of pollution 3 rated value     if auxiliary circuit with degree of pollution 3 rated value     if auxiliary circuit rated value     if auxiliary switch block typical     if auxi	<ul> <li>at AC in hot operating state</li> </ul>	1.5 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       690 V         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • at AC       7,3g / 5 ms, 4,7g / 10 ms         shock resistance with sine pulse       11,4g / 5 ms, 7,3g / 10 ms         • at AC       11,4g / 5 ms, 7,3g / 10 ms         mechanical service life (operating cycles)       30 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         reference code according to IEC 8136-2       Q         Substance Prohibitance (Date)       10/01/2009         Ambient temperature       0 00 m         ambient temperature       -55 +60 °C         • during storage       -55 +80 °C         relative humidity at 55 °C according to IEC 60068-2-30 <t< th=""><th><ul> <li>at AC in hot operating state per pole</li> </ul></th><th>0.5 W</th></t<>	<ul> <li>at AC in hot operating state per pole</li> </ul>	0.5 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     68 V       • of main circuit rated value     6 kV       maximum permissible voltage for protective separation between coil and main contacts according to EN 60847-1     400 V       shock resistance at rectangular impulse     7,3g / 5 ms, 4,7g / 10 ms       • at AC     7,3g / 5 ms, 4,7g / 10 ms       shock resistance with sine pulse     11.4g / 5 ms, 7,3g / 10 ms       • at AC     11.4g / 5 ms, 7,3g / 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 +60 °C <th><ul> <li>without load current share typical</li> </ul></th> <th>5.7 W</th>	<ul> <li>without load current share typical</li> </ul>	5.7 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       400 V         • at AC       7,3g / 5 ms, 4,7g / 10 ms         shock resistance with sine pulse       11,4g / 5 ms, 7,3g / 10 ms         • of contactor typical       30 000 000         • of the contactor with added electronically optimized auxiliary witch 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         • 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 storage       -55 +60 °C         • during storage       -55 +60 °C	insulation voltage	
surge voltage resistance       6         • 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 AC       7,3g / 5 ms, 4,7g / 10 ms         shock resistance with sine pulse       30 000 000         • at AC       11,4g / 5 ms, 7,3g / 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       10/001/2009         Ambient conditions       10/01/2009         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 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 coll and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse       400 V         • at AC       7,3g / 5 ms, 4,7g / 10 ms         shock resistance with sine pulse       7,3g / 5 ms, 7,3g / 10 ms         • at AC       11,4g / 5 ms, 7,3g / 10 ms         mechanical service life (operating cycles)       30 000 000         • of the contactor typical       5 000 000         • 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 +60 °C         • during storage       -55 +80 °C         relative humidity minum       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 AC       7,3g / 5 ms, 4,7g / 10 ms         shock resistance with sine pulse       -         • at AC       11,4g / 5 ms, 7,3g / 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         Amblent conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       95 %	surge voltage resistance	
maximum permissible voltage for protective separation between       400 V         shock resistance at rectangular impulse       7,3g / 5 ms, 4,7g / 10 ms         • at AC       7,3g / 5 ms, 4,7g / 10 ms         shock resistance with sine pulse       11,4g / 5 ms, 7,3g / 10 ms         • at AC       11,4g / 5 ms, 7,3g / 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       -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         • at AC       7,3g / 5 ms, 4,7g / 10 ms         shock resistance with sine pulse         • at AC       11,4g / 5 ms, 7,3g / 10 ms         mechanical service life (operating cycles)       30 000 000         • of contactor typical       5 000 000         • 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 +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	<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV
• at AC       7,3g / 5 ms, 4,7g / 10 ms         shock resistance with sine pulse       11,4g / 5 ms, 7,3g / 10 ms         • at AC       11,4g / 5 ms, 7,3g / 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 +80 °C         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       40 min circuit		400 V
shock resistance with sine pulse       11,4g / 5 ms, 7,3g / 10 ms         mechanical service life (operating cycles)       0 f contactor typical         • 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 %         maximum       95 %	shock resistance at rectangular impulse	
• at AC11,4g / 5 ms, 7,3g / 10 msmechanical service life (operating cycles)30 000 000• of contactor typical30 000 000• of the contactor with added electronically optimized auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical20 000 m• of the contactor with added auxiliary switch block typical10/01/2009• Ambient conditions2 000 m• installation altitude at height above sea level maximum2 000 m• during operation • during operation • during storage-25 +60 °C• during storage relative humidity minimum10 %• feative humidity at 55 °C according to IEC 60068-2-30 maximum95 %	• at AC	7,3g / 5 ms, 4,7g / 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         • 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	
• of contactor typical30 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 mambient temperature • during operation • during storage-25 +60 °Crelative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum95 %	• at AC	11,4g / 5 ms, 7,3g / 10 ms
<ul> <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>10 000 000</li> <li>reference code according to IEC 81346-2</li> <li>Q</li> <li>Substance Prohibitance (Date)</li> <li>10/01/2009</li> <li>Ambient conditions</li> <li>installation altitude at height above sea level maximum</li> <li>2 000 m</li> <li>ambient temperature         <ul> <li>during operation</li> <li>-25 +60 °C</li> <li>-55 +80 °C</li> </ul> </li> <li>relative humidity minimum</li> <li>10 %</li> <li>relative humidity at 55 °C according to IEC 60068-2-30 maximum</li> <li>Main circuit</li> </ul>	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>	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       2 000 m         • 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 %	reference code according to IEC 81346-2	Q
installation altitude at height above sea level maximum       2 000 m         ambient temperature <ul> <li>during operation</li> <li>-25 +60 °C</li> <li>during storage</li> <li>-55 +80 °C</li> </ul> relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30 maximum       95 %         Main circuit       400 m	Substance Prohibitance (Date)	10/01/2009
ambient temperature       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30 maximum       95 %         Main circuit	Ambient conditions	
<ul> <li>during operation</li> <li>-25 +60 °C</li> <li>during storage</li> <li>-55 +80 °C</li> <li>relative humidity minimum</li> <li>10 %</li> <li>relative humidity at 55 °C according to IEC 60068-2-30 g5 %</li> <li>Main circuit</li> </ul>	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
<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	12 A
— at 500 V rated value	9.2 A
— at 690 V rated value	6.7 A
● at AC-3e	
— at 400 V rated value	12 A
— at 500 V rated value	9.2 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	9.9 A
● at AC-6a	
<ul> <li>— up to 230 V for current peak value n=20 rated value</li> </ul>	7.2 A
<ul> <li>— up to 400 V for current peak value n=20 rated value</li> </ul>	7.2 A
<ul> <li>— up to 500 V for current peak value n=20 rated value</li> </ul>	7.2 A
— up to 690 V for current peak value n=20 rated value	6.7 A
● at AC-6a	
<ul> <li>— up to 230 V for current peak value n=30 rated value</li> </ul>	4.8 A
<ul> <li>— up to 400 V for current peak value n=30 rated value</li> </ul>	4.8 A
<ul> <li>— up to 500 V for current peak value n=30 rated value</li> </ul>	4.8 A
<ul> <li>— up to 690 V for current peak value n=30 rated value</li> </ul>	4.8 A
minimum cross-section in main circuit at maximum AC-1 rated value	4 mm <sup>2</sup>
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	
<ul> <li>at 1 current path at DC-1</li> </ul>	
— 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
• at 1 current path at DC-3 at DC-5	

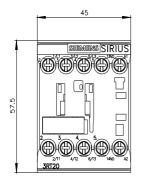
	— at 24 V rated value	20 A
• with 2 current path in scries at DC-3 at DC-6         20 A           - at 20 V rated value         20 A           - at 10 V rated value         0.35 A           - at 24 V rated value         20 A           - at 25 V rated value         22 A           - at 250 V rated value         28 M           - at 260 V rated value         55 MV           - at 260 V rated value         55 MV           - at 250 V rated value         55 MV           - at 400 V rated value         25 MV           - at 400 V rated value         25 MV           - at 400 V rated value         25 MV           - at 400 V frated value         25 MV           - at 400 V frated value         25 MV		
		0.15 A
	-	
	— at 24 V rated value	20 A
• with 3 current paths in series at DC-3 at DC-5     20 A       - at 24 V rated value     20 A       - at 10 V rated value     20 A       - at 26 V rated value     20 A       - at 26 V rated value     20 A       - at 26 V rated value     15 A       - at 26 V rated value     02 A       - at 26 V rated value     55 KW       - at 26 V rated value     25 KW       - at 26 V rated value     26 K/A       - up 5 26 V for currant pack value n=20 rated value     28 K/A	— at 60 V rated value	5 A
	— at 110 V rated value	0.35 A
	<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
operating power <ul> <li>at AC-3</li> <li>at AC-3</li> <li>bt AC-3</li> <li>cl 230 V rated value</li> <li>cl 250 V rated value</li> <li>cl 400 V frated value</li> <li>cl 400 V frate value = 20 rated value</li> <li>cl 400 V frate value = 20 rated value</li> <li>cl 400 V frate value = 20 rated value</li> <li>cl 400 V fracturent pack value n=20 rated value</li> <li>cl 400 V fracturent pack value n=20 rated value</li> <li>cl 400 V fracturent pack value = 20 rated value</li> <li>cl 40 co 20 V for current pack value = 70 rated value</li> <li>cl 40 co 20 V for current pack value = 70 rated value</li> <li>cl 40 co 20 V for current pack value = 70 rated value</li> <li>cl 40 co 10 for current pack value = 70 rated value</li> <li>cl 40 co 10 for current pack value = 70 rated value</li> <li>cl 40 co 10 for current pack value = 70 rated value</li> <li>cl 40 co 10 for current pack value = 70 rated value</li> <li>cl 40 co 10 for current pack value = 70 rated value</li> <li>cl 40 co 10 for current pack value = 70 rated val</li></ul>	— at 440 V rated value	0.2 A
• at AC-3     - at 230 V rated value     3 kW       - at 400 V rated value     55 kW       - at 500 V rated value     55 kW       - at 200 V rated value     55 kW       - at 400 V rated value     2 kW       - at 400 V rated value     2 kW       - at 500 V frauer the pack value n=20 rated value     2 kW       - up to 500 V for current pack value n=20 rated value     2 kWA       - up to 500 V for current pack value n=20 rated value     8 kVA       - up to 500 V for current pack value n=20 rated value     3 kWA       - up to 500 V for current pack value n=20 rated value     3 kWA       - up to 500 V for current pack value n=30 rated value     3 kWA       - up to 500 V for current pack value n=30 rated value     3 kVA       - up to 500 V for current pack value n=30 rated value     14 kVA       - up to 500 V for current pack value n=30 rated value     14 kVA       - up to 500 V for current pack value n=30 rated value	— at 600 V rated value	0.2 A
	operating power	
	• at AC-3	
	— at 230 V rated value	3 kW
	— at 400 V rated value	5.5 kW
e at AC-3e <ul> <li>- at 230 V reted value</li> <li>3 kW</li> <li>- at 230 V reted value</li> <li>5 kW</li> <li>- at 690 V reted value</li> <li>2 kW</li> <li>- at 690 V for current peak value n=20 reted value</li> <li>4 kVA</li> <li>- up to 500 V for current peak value n=20 reted value</li> <li>- kVA</li> <li>- up to 600 V for current peak value n=20 reted value</li> <li>- kVA</li> <li>- up to 600 V for current peak value n=20 reted value</li> <li>- wip to 600 V for current peak value n=30 reted value</li> <li>- wip to 600 V for current peak value n=30 reted value</li> <li>- kVA</li> <li>- up to 600 V for current peak value n=30 reted value</li> <li>- KVA</li> <li>- wip to 600 V for current peak value n=30 reted value</li> <li>- KVA</li> <li>- wip to 600 V for current peak value n=30 reted value</li> <li>- KVA</li> <li>- wip to 500 V for current peak value n=30 reted value</li> <li>- KVA</li> <li>- wip to 500 v for current maximum</li> <li>- with co 5 is switching at zero current maximum</li> <li>- with co 5 is switching at zero current maximum</li> <li>- with co 5 is switching at zero current maximum</li> <li>- with Co</li> <li>- with CA</li> <li>- wit</li></ul>	— at 500 V rated value	5.5 kW
e at AC-3e <ul> <li>- at 230 V reted value</li> <li>3 kW</li> <li>- at 230 V reted value</li> <li>5 kW</li> <li>- at 690 V reted value</li> <li>5 kW</li> </ul> <li>operating power for approx. 20000 operating cycles at AC-4         <ul> <li>- at 690 V reted value</li> <li>2 kW</li> <li>- at 690 V reted value</li> <li>2 kW</li> <li>- at 690 V for current peak value n=20 reted value</li> <li>- 4 kVA</li> <li>- up to 500 V for current peak value n=20 reted value</li> <li>- kVA</li> <li>- up to 690 V for current peak value n=20 reted value</li> <li>- kVA</li> <li>- up to 690 V for current peak value n=20 reted value</li> <li>- wip to 690 V for current peak value n=30 reted value</li> <li>- wip to 690 V for current peak value n=30 reted value</li> <li>- kVA</li> <li>- up to 690 V for current peak value n=30 reted value</li> <li>- KVA</li> <li>- wip to 690 V for current peak value n=30 reted value</li> <li>- KVA</li> <li>- wip to 690 V for current peak value n=30 reted value</li> <li>- KVA</li> <li>- wip to 690 V for current peak value n=30 reted value</li> <li>- KVA</li> <li>- wip to 590 V for current maximum</li> <li>- with 40 to 1 s switching at zero current maximum</li> <li>- with 40 to 3 s switching at zero current maximum</li> <li>- with 40 to 3 s switching at zero current maximum</li> <li>- with 40 to 3 s switching at zero current maximum</li> <li>- with 40 to 30 s switc</li></ul></li>	— at 690 V rated value	5.5 kW
		3 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       2.8 kVA         • up to 230 V for current peak value n=20 rated value       2.8 kVA         • up to 500 V for current peak value n=20 rated value       4.9 kVA         • up to 500 V for current peak value n=20 rated value       6.2 kVA         • up to 500 V for current peak value n=30 rated value       8 kVA         operating apparent power at AC-6a       1.9 kVA         • up to 500 V for current peak value n=30 rated value       3.3 kVA         • up to 500 V for current peak value n=30 rated value       3.3 kVA         • up to 500 V for current peak value n=30 rated value       5.7 kVA         Short-time withtsand current in cold operating state up to 50°       60° kV for current meakimum         • limited to 10 s switching at zero current maximum       200 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • at AC-       10 000 1/h         • at AC-       10 000 1/h         • at AC-       10 000 1/h         • at AC-3 maximum       750 1/h         • at AC-4 maximum       750 1/h		
A dot V rated value     at 690 V for current peak value n=20 rated value     at 690 V for current peak value n=20 rated value     by to 500 V for current peak value n=20 rated value     by to 500 V for current peak value n=20 rated value     by to 230 V for current peak value n=20 rated value     by to 230 V for current peak value n=20 rated value     by to 400 V for current peak value n=30 rated value     by to 400 V for current peak value n=30 rated value     by to 400 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     by to 500 V for current peak value n=30 rated value     for 40 °C     by to for 500 V for current maximum     by the for 50 value for 50 value     by to for 500 V for current maximum     by the for 50 s whiching at zero current maximum     for 10 s switching fat zero current maximum     for 10 walue     if AC2 maximum     foo 1/h     operating frequency     if AC     for 40 value     for 1		
• at 690 V rated value     2.5 kW       operating apparent power at AC-6a     2.8 kVA       • up to 230 V for current peak value n=20 rated value     4.9 kVA       • up to 500 V for current peak value n=20 rated value     6.2 kVA       • up to 500 V for current peak value n=20 rated value     6.2 kVA       • up to 500 V for current peak value n=20 rated value     8 kVA       operating apparent power at AC-6a     6.2 kVA       • up to 500 V for current peak value n=20 rated value     8 kVA       operating apparent power at AC-6a     9 kVA       • up to 500 V for current peak value n=30 rated value     1.9 kVA       • up to 500 V for current peak value n=30 rated value     3.3 kVA       • up to 500 V for current peak value n=30 rated value     5.7 kVA       short-time withstand current ne peak value n=30 rated value     5.7 kVA       short-time withstand current maximum     200 A; Use minimum cross-section acc. to AC-1 rated value       • limited to 1s switching at zero current maximum     123 k; Use minimum cross-section acc. to AC-1 rated value       • limited to 10 s switching at zero current maximum     61 A; Use minimum cross-section acc. to AC-1 rated value       • eintAC     10 wool t/h       operating frequency     10 wool t/h       • at AC     10 wool t/h       operating frequency     10 wool t/h       • at AC-3 maximum     750 t/h       • at AC-3 m		
operating apparent power at AC-6a       2.8 kVA         • up to 230 V for current peak value n=20 rated value       4.9 kVA         • up to 500 V for current peak value n=20 rated value       6.2 kVA         • up to 690 V for current peak value n=20 rated value       8 kVA         operating apparent power at AC-6a       1.9 kVA         • up to 500 V for current peak value n=30 rated value       8 kVA         • up to 500 V for current peak value n=30 rated value       3.3 kVA         • up to 500 V for current peak value n=30 rated value       4.1 kVA         • up to 500 V for current peak value n=30 rated value       5.7 kVA         short-time withstand current in cold operating state up to 40° C       6.7 kVA         • limited to 1 s switching at zero current maximum       200 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       123 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value	• at 400 V rated value	2 kW
• up to 230 V for current peak value n=20 rated value     4.9 kVA     • up to 400 V for current peak value n=20 rated value     4.9 kVA     • up to 500 V for current peak value n=20 rated value     6.2 kVA     • up to 500 V for current peak value n=20 rated value     6.2 kVA     • up to 230 V for current peak value n=30 rated value     1.9 kVA     • up to 500 V for current peak value n=30 rated value     1.9 kVA     • up to 500 V for current peak value n=30 rated value     1.9 kVA     • up to 500 V for current peak value n=30 rated value     1.9 kVA     • up to 500 V for current peak value n=30 rated value     4.1 kVA     • up to 500 V for current peak value n=30 rated value     5.7 kVA     short-time withstand current in cold operating state up to     40 °C     • limited to 1 s switching at zero current maximum     102 A; Use minimum cross-section acc. to AC-1 rated value     • limited to 50 s switching at zero current maximum     • limited to 50 s switching at zero current maximum     • limited to 50 s switching at zero current maximum     • limited to 50 s switching at zero current maximum     • limited to 50 s switching at zero current maximum     • limited to 50 s switching at zero current maximum     • limited to 50 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • do °C     • at AC-     • at	• at 690 V rated value	2.5 kW
<ul> <li>up to 400 V for current peak value n=20 rated value</li> <li>4.9 kVA</li> <li>up to 500 V for current peak value n=20 rated value</li> <li>6.2 kVA</li> <li>up to 690 V for current peak value n=20 rated value</li> <li>8 kVA</li> </ul> operating apparent power at AC-6 <ul> <li>up to 230 V for current peak value n=30 rated value</li> <li>1.9 kVA</li> <li>3.8 kVA</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>3.8 kVA</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>3.8 kVA</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>4.1 kVA</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>5.7 kVA</li> </ul> short-time withstand current in cold operating state up to 40 °C <ul> <li>limited to 1 s switching at zero current maximum</li> <li>limited to 1 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>short-time distring at zero current maximum</li> <li>limited to 50 s switching at zero current maximum</li> <li>de X: Use minimum cross-section acc. to AC-1 rated value</li> <li>de X: Use minimum cross-section acc. to AC-1 rated value</li> <li>de X: Use minimum cross-section acc. to AC-1 rated value</li> <li>de AC</li> <li>10 000 1/h</li> </ul> operating frequency <ul> <li>et AC</li> <li>ta AC-1 maximum</li> <li>to 00 1/h</li> <li>et AC-3 maximum</li> <li>to 10 00 1/h</li> <li>et AC-4 maximum</li> <li>to 10 V</li> <li>et AC-4 maximum</li> <li>to V</li> <li>to Hz rated value</li> <l< td=""><td>operating apparent power at AC-6a</td><td></td></l<></ul>	operating apparent power at AC-6a	
• up to 500 V for current peak value n=20 rated value     • up to 630 V for current peak value n=20 rated value     8 kVA     operating apparent power at AC-6a     up to 230 V for current peak value n=30 rated value     19 kVA     • up to 400 V for current peak value n=30 rated value     19 kVA     • up to 500 V for current peak value n=30 rated value     3.3 kVA     • up to 630 V for current peak value n=30 rated value     4.1 kVA     • up to 630 V for current peak value n=30 rated value     5.7 kVA     short-time withstand current in cold operating state up to     40 °C     • limited to 1 s switching at zero current maximum     * limited to 5 s switching at zero current maximum     * limited to 50 s switching at zero current maximum     * limited to 60 s switching at zero current maximum     * limited to 80 s switching at zero current maximum     * limited to 80 s switching at zero current maximum     * limited to 80 s switching at zero current maximum     * limited to 80 s switching at zero current maximum     * limited to 80 s switching at zero current maximum     * limited to 80 s switching at zero current maximum     * limited to 80 s switching at zero current maximum     * limited to 80 s switching at zero current maximum     * limited to 80 s switching at zero current maximum     * limited to 80 s switching frequency     * at AC     * 10 000 1/h     * at AC     * 10 000 1/h     * at AC-4 maximum     * 1000 1/h     * at AC-3 maximum     * 250 1/h     * at AC-4 maximum     * 250 1/h     * at AC-4 maximum     * 250 1/h     * at AC-4 maximum     * at AC	<ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul>	2.8 kVA
• up to 690 V for current peak value n=20 rated value     8 kVA     operating apparent power at AC-6a     • up to 230 V for current peak value n=30 rated value     1.9 kVA     • up to 230 V for current peak value n=30 rated value     3.3 kVA     • up to 500 V for current peak value n=30 rated value     4.1 kVA     • up to 690 V for current peak value n=30 rated value     5.7 kVA     short-time withstand current in cold operating state up to     40 °C     • limited to 1 s switching at zero current maximum     120 A; Use minimum cross-section acc. to AC-1 rated value     ilmited to 1 s switching at zero current maximum     123 A; Use minimum cross-section acc. to AC-1 rated value     ilmited to 1 s switching at zero current maximum     flimited to 80 s switching at zero current maximum     ilmited to 10 s switching at zero current maximum     flimited to 60 s switching at zer	<ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	4.9 kVA
operating apparent power at AC-6a       1.9 kVA         • up to 230 V for current peak value n=30 rated value       3.8 kVA         • up to 400 V for current peak value n=30 rated value       3.8 kVA         • up to 590 V for current peak value n=30 rated value       4.1 kVA         • up to 690 V for current peak value n=30 rated value       5.7 kVA         short-time withstand current in cold operating state up to 40°C       0         • limited to 1 s switching at zero current maximum       200 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       96 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       96 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • at AC       10 000 1/h         • at AC-1 maximum       1 000 1/h         • at AC-2 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-4 maximum       250 1/h         Control circuit/ Control       4C	<ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul>	6.2 kVA
• up to 230 V for current peak value n=30 rated value     • up to 400 V for current peak value n=30 rated value     3.3 kVA     • up to 500 V for current peak value n=30 rated value     4.1 kVA     • up to 500 V for current peak value n=30 rated value     5.7 kVA     short-time withstand current in cold operating state up to     40 °C     • ulinited to 1 s switching at zero current maximum     123 A; Use minimum cross-section acc. to AC-1 rated value     • limited to 10 s switching at zero current maximum     flimited to 10 s switching at zero current maximum     • limited to 10 s switching at zero current maximum     • limited to 10 s switching at zero current maximum     • limited to 10 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • to 000 1/h     • at AC-1 maximum     • at AC-1 maximum     • at AC-3 maximum     • at AC-4 maximum     • at AC-3 maximum     • at AC-4 maximum     • at AC-4 maximum     • at AC-4 ma	<ul> <li>up to 690 V for current peak value n=20 rated value</li> </ul>	8 kVA
• up to 400 V for current peak value n=30 rated value       3.3 kVA         • up to 500 V for current peak value n=30 rated value       4.1 kVA         • up to 690 V for current peak value n=30 rated value       5.7 kVA         short-time withstand current in cold operating state up to 40°C       200 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 1 s switching at zero current maximum       200 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 5 s switching at zero current maximum       203 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 5 a switching at zero current maximum       96 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 3 o switching at zero current maximum       96 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • at AC       10 000 1/h         operating frequency       10 000 1/h         • at AC-1 maximum       1000 1/h         • at AC-3 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-3 maximum       200 1/h         Control circuit/ Control       Uto V         • at AC-4 maximum       200	operating apparent power at AC-6a	
• up to 500 V for current peak value n=30 rated value       4.1 kVA         • up to 690 V for current peak value n=30 rated value       5.7 kVA         short-time withstand current in cold operating state up to 40 °C       200 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 1 s switching at zero current maximum       200 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       96 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       96 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • at AC       0 000 1/h       000 01/h         • at AC-3 maximum       10 000 1/h         • at AC-3 maximum       <	<ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>	1.9 kVA
• up to 690 V for current peak value n=30 rated value       5.7 kVA         short-time withstand current in cold operating state up to 40 °C       200 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 1 s switching at zero current maximum       123 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       96 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • at AC       10 000 1/h         operating frequency       •         • at AC-3 maximum       1000 1/h         • at AC-3 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-4 maximum       250 1/h         • at AC-3 maximum       750 1/h         • at AC-4 maximum       250 1/h         • at AC-4 maximum       250	<ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>	3.3 kVA
• up to 690 V for current peak value n=30 rated value5.7 kVAshort-time withstand current in cold operating state up to 40 °C5.7 kVA• limited to 1 s switching at zero current maximum200 A; Use minimum cross-section acc. to AC-1 rated value• limited to 5 s switching at zero current maximum123 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum96 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum74 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum61 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum61 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum61 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching frequency61 A; Use minimum cross-section acc. to AC-1 rated value• at AC10 000 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 maximum250 1/h• control supply voltage at ACAC• control supply voltage at ACAC• at 50 Hz rated value110 V• at 60 Hz rated value110 V• at 60 Hz rated value110 V• operating range factor control supply voltage rated value of magnet coil at AC110 V	• up to 500 V for current peak value n=30 rated value	4.1 kVA
short-time withstand current in cold operating state up to 40 °C       200 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 1 s switching at zero current maximum       123 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       96 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • at AC       10 000 1/h         • at AC       10 000 1/h         • at AC-1 maximum       1000 1/h         • at AC-2 maximum       750 1/h         • at AC-3 maximum       250 1/h         • at AC-4 maximum       250 1/h         • at AC-4 maximum       250 1/h         • at S0 Hz rated value       110 V         • at S0 Hz rated value       110 V         • at 60 Hz rated value       110 V		5.7 kVA
40 °C       • limited to 1 s switching at zero current maximum       200 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 5 s switching at zero current maximum       123 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       96 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       96 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching frequency       61 A; Use minimum cross-section acc. to AC-1 rated value         • at AC       10 000 1/h         • at AC-1 maximum       1 000 1/h         • at AC-1 maximum       1 000 1/h         • at AC-2 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-4 maximum       250 1/h         Control circuit/ Control       V         type of voltage of the control supply voltage       AC         control supply voltage at AC       110 V         • at 60 Hz rated value       1		
• limited to 5 s switching at zero current maximum123 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum96 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum74 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum61 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching frequency61 A; Use minimum cross-section acc. to AC-1 rated value• at AC10 000 1/hoperating frequency1 000 1/h• at AC-1 maximum1 000 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at 50 Hz rated value110 V• at 60 Hz rated value110 V• at 60 Hz rated value110 V		
• limited to 10 s switching at zero current maximum       96 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         • looload switching frequency       • at AC         • at AC       10 000 1/h         operating frequency       • at AC-1 maximum         • at AC-1 maximum       1 000 1/h         • at AC-2 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-4 maximum       250 1/h         Control circuit/ Control       V         type of voltage of the control supply voltage       AC         • at 50 Hz rated value       110 V         • at 60 Hz rated value       110 V         • at 60 Hz rated value       110 V	<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	200 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>Iimited to 30 s switching at zero current maximum</li> <li>Iimited to 60 s switching at zero current maximum</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>61 A; Use minimum cross-section acc. to AC-1 rated value of magnet coil at AC</li> <td><ul> <li>limited to 5 s switching at zero current maximum</li> </ul></td><td>123 A; Use minimum cross-section acc. to AC-1 rated value</td></ul>	<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	123 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 60 s switching at zero current maximum       61 A; Use minimum cross-section acc. to AC-1 rated value         no-load switching frequency       10 000 1/h         • at AC       10 000 1/h         operating frequency       1 000 1/h         • at AC-1 maximum       1 000 1/h         • at AC-2 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-4 maximum       250 1/h         • at AC-4 maximum       250 1/h         Control circuit/ Control       AC         type of voltage of the control supply voltage       AC         • at 50 Hz rated value       110 V         • at 60 Hz rated value       110 V         • at 60 Hz rated value       110 V	<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	96 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency10 000 1/hoperating frequency-• 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-3e maximum750 1/h• at AC-3e maximum750 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximumACControl circuit/ Control	<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	74 A; Use minimum cross-section acc. to AC-1 rated value
• at AC10 000 1/hoperating frequency• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/hControl circuit/ Controltype of voltage of the control supply voltageAC• at 50 Hz rated value110 V• at 60 Hz rated value110 V• operating range factor control supply voltage rated value of magnet coil at ACItem control supply voltage rated value	<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	61 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-3e maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximumAC• at AC-4 maximum110 V• at 50 Hz rated value110 V• at 60 Hz rated value110 V• operating range factor control supply voltage rated value of magnet coil at AC	no-load switching frequency	
• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3e maximum750 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximumAC• at AC-4 maximum110 V• at 50 Hz rated value110 V• at 60 Hz rated value110 V• operating range factor control supply voltage rated value of magnet coil at AC	• at AC	10 000 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• at AC-4 maximum250 1/hControl circuit/ ControlACControl supply voltage at ACAC• at 50 Hz rated value110 V• at 60 Hz rated value110 Voperating range factor control supply voltage rated value of magnet coil at ACImagnet coil at AC	operating frequency	
• at AC-3 maximum750 1/h• at AC-3e maximum750 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/hControl circuit/ ControlAC• otrol supply voltage at ACAC• at 50 Hz rated value110 V• at 60 Hz rated value110 V• operating range factor control supply voltage rated value of magnet coil at AC110 V	• at AC-1 maximum	1 000 1/h
• at AC-3e maximum750 1/h• at AC-4 maximum250 1/hControl circuit/ ControlACtype of voltage of the control supply voltageACcontrol supply voltage at AC110 V• at 50 Hz rated value110 V• at 60 Hz rated value110 Voperating range factor control supply voltage rated value of magnet coil at ACImagnet coil at AC	• at AC-2 maximum	750 1/h
• at AC-4 maximum       250 1/h         Control circuit/ Control          type of voltage of the control supply voltage       AC         control supply voltage at AC          • at 50 Hz rated value       110 V         • at 60 Hz rated value       110 V         operating range factor control supply voltage rated value of magnet coil at AC	• at AC-3 maximum	750 1/h
Control circuit/ Control       AC         type of voltage of the control supply voltage       AC         control supply voltage at AC       Intervention         • at 50 Hz rated value       110 V         • at 60 Hz rated value       110 V         operating range factor control supply voltage rated value of magnet coil at AC       Intervention	• at AC-3e maximum	750 1/h
type of voltage of the control supply voltage       AC         control supply voltage at AC       Image: Control supply voltage at AC         • at 50 Hz rated value       110 V         • at 60 Hz rated value       110 V         operating range factor control supply voltage rated value of magnet coil at AC       Image: Control supply voltage rated value of magnet coil at AC	• at AC-4 maximum	250 1/h
control supply voltage at AC       110 V         • at 50 Hz rated value       110 V         • at 60 Hz rated value       110 V         operating range factor control supply voltage rated value of magnet coil at AC       110 V	Control circuit/ Control	
control supply voltage at AC       110 V         • at 50 Hz rated value       110 V         • at 60 Hz rated value       110 V         operating range factor control supply voltage rated value of magnet coil at AC       110 V		AC
• at 50 Hz rated value     110 V     110 V     110 V     110 V     10 V     110 V     110 V     110 V		
• at 60 Hz rated value 110 V operating range factor control supply voltage rated value of magnet coil at AC		110 V
operating range factor control supply voltage rated value of magnet coil at AC		
magnet coil at AC		
• at 50 Hz 0.8 1.1		
	• at 50 Hz	0.8 1.1

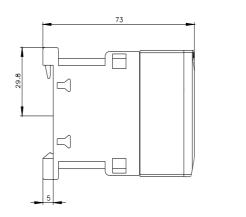
• at 60 Hz	0.85 1.1
apparent pick-up power of magnet coil at AC	
• at 50 Hz	37 VA
• at 60 Hz	33 VA
inductive power factor with closing power of the coil	
● at 50 Hz	0.8
● at 60 Hz	0.75
apparent holding power of magnet coil at AC	
• at 50 Hz	5.7 VA
● at 60 Hz	4.4 VA
inductive power factor with the holding power of the coil	
● at 50 Hz	0.25
● at 60 Hz	0.25
closing delay	
• 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	
number of NO contacts for auxiliary contacts instantaneous	1
contact	
operational current at AC-12 maximum	10 A
operational current at AC-15	
• at 230 V rated value	10 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	
<ul> <li>at 24 V rated value</li> </ul>	10 A
• at 48 V rated value	6 A
<ul> <li>at 60 V rated value</li> </ul>	6 A
<ul> <li>at 110 V rated value</li> </ul>	3 A
<ul> <li>at 125 V rated value</li> </ul>	2 A
<ul> <li>at 220 V rated value</li> </ul>	1 A
<ul> <li>at 600 V rated value</li> </ul>	0.15 A
operational current at DC-13	
at 24 V rated value	10 A
• at 48 V rated value	2 A
<ul> <li>at 60 V rated value</li> </ul>	2 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)
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value	11 A
• at 600 V rated value	11 A
yielded mechanical performance [hp]	
<ul> <li>for single-phase AC motor</li> </ul>	
— at 110/120 V rated value	0.5 hp
— at 230 V rated value	2 hp
• for 3-phase AC motor	
— at 200/208 V rated value	3 hp
— at 220/230 V rated value	3 hp
— at 460/480 V rated value	7.5 hp
— at 575/600 V rated value	10 hp
contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	
design of the fuse link	

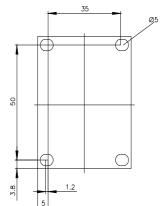
• for short-circuit protection of the main circuit			
<ul> <li>— with type of coordination 1 required</li> </ul>	gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)		
<ul> <li>— with type of assignment 2 required</li> </ul>	gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)		
<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		
<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			
for main current circuit	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 (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 mm²		
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 mm²		
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 mm²), 2x (0.75 2.5 mm²)		
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			
product function			
	Yes; with 3RH29		
mirror contact according to IEC 60947-4-1  B10 value with high demand rate according to SN 31920	1 000 000		
B10 value with high demand rate according to SN 31920			
<ul> <li>proportion of dangerous failures</li> <li>with low demand rate according to SN 31920</li> </ul>	40 %		
<ul> <li>with how demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> </ul>	40 % 73 %		
• with high demand rate according to SN 31920	15 /0		

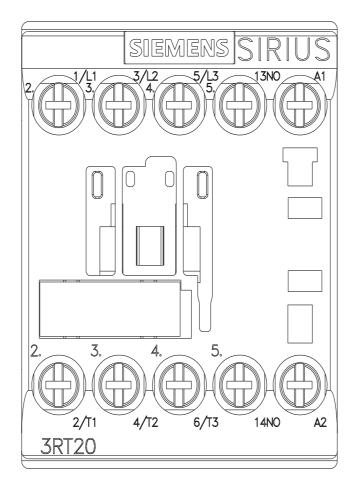
failure rate [FIT] with lo	ow demand rate according	to SN 31920	100 FIT		
T1 value for proof test 61508	interval or service life acco	rding to IEC	20 a		
protection class IP o	n the front according to I	EC 60529	IP20		
touch protection on	the front according to IEC	60529	finger-safe, for vertica	al contact from the front	
suitability for use					
<ul> <li>safety-related s</li> </ul>	witching OFF		Yes		
Certificates/ approvals	;				
General Product Ap	proval				
(SP)	<u>Confirmation</u>			<u>кс</u>	EHC
EMC	Functional Safety/Safety of Ma- chinery	Declaration of	Conformity	Test Certificates	
RCM	Type Examination Cer- tificate	CE EG-Konf.	Uk Cf	Type Test Certific ates/Test Report	<u>Special Test Certific-</u> ate
Marine / Shipping					
ABS	BUREAU VERITAS		Llovd Registe	Prs	RINA
Marine / Shipping	other			Railway	Environment
RMRS RMRS	<u>Confirmation</u>	DE	<u>Confirmat</u>	ion Vibration and Shoc	k Environmental Con- firmations
Further information	d to ovit the Pussian mark				

Further information
Siemens has decided to exit the Russian market (see here).
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=3RT2017-1AF01
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2017-1AF01
Service&Support (Manuals, Certificates, Characteristics, FAQs,)
https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-1AF01
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2017-1AF01⟨=en
Characteristic: Tripping characteristics, I <sup>2</sup> t, Let-through current
https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-1AF01/char
Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2017-1AF01&objecttype=14&gridview=view1

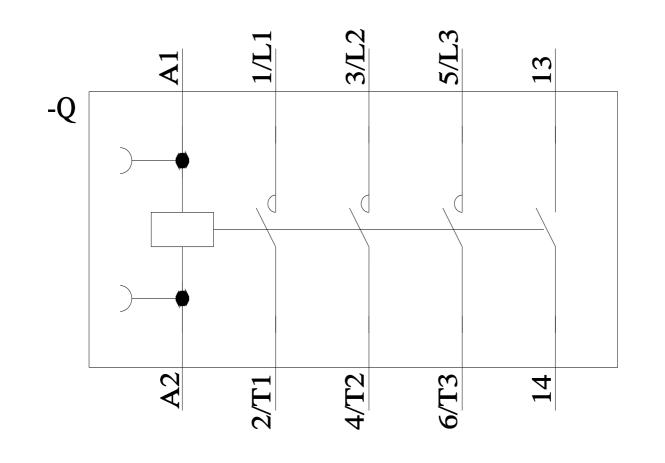








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