## **SIEMENS**

## Data sheet

## 3RV2011-1EA15



Circuit breaker size S00 for motor protection, CLASS 10 A-release 2.8...4 A N release 52 A screw terminal Standard switching capacity with transverse auxiliary switches 1 NO+1 NC

product brand name	SIRIUS
product designation	Circuit breaker
design of the product	For motor protection
product type designation	3RV2
General technical data	
size of the circuit-breaker	S00
size of contactor can be combined company-specific	S00, S0
product extension auxiliary switch	Yes
power loss [W] for rated value of the current	
<ul> <li>at AC in hot operating state</li> </ul>	7.25 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	2.4 W
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation in networks with grounded star point	
<ul> <li>between main and auxiliary circuit</li> </ul>	400 V
<ul> <li>between main and auxiliary circuit</li> </ul>	400 V
shock resistance acc. to IEC 60068-2-27	25g / 11 ms
mechanical service life (switching cycles)	
<ul> <li>of the main contacts typical</li> </ul>	100 000
<ul> <li>of auxiliary contacts typical</li> </ul>	100 000
electrical endurance (switching cycles) typical	100 000
type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
certificate of suitability according to ATEX directive 2014/34/EU	DMT 02 ATEX F 001
reference code acc. to IEC 81346-2	Q
Substance Prohibitance (Date)	01.10.2009 00:00:00
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
<ul> <li>ambient temperature during operation</li> </ul>	-20 +60 °C
<ul> <li>ambient temperature during storage</li> </ul>	-50 +80 °C
<ul> <li>ambient temperature during transport</li> </ul>	-50 +80 °C
temperature compensation	-20 +60 °C
relative humidity during operation	10 95 %
Main circuit	
number of poles for main current circuit	3

adjustable current response value current of the current response value current of expensions value current of expensions value current of expensions value of the value operation frequency rated value 600 V 600	eurrent-dependent overlage rated value     980 V       • operating voltage rat.2-3 rated value maximum     980 V       opparticinal current rated value     4 A       operating requency rated value     4 A       operating accurrent rated value     4 A       operating requency rated value     4 A       operating accurrent rated value     1500 W       • at 400 V rated value     200 W       • at 600 V rated value     200 W       • at 600 V rated value     3000 W       • operating requency rate value     3000 W       • operating value     0       • operating requency rate value     0       • operating value     0.5 A       • at 20 V     0.5 A       • at 20 V     0.5 A       • at 20 V rated value     0.5 A       • at 20 V rate value     0.5 A       • at 20 V rated value     0.5 A       • at 800 V rated value     0.5 A       • at 800 V rated		
• operating voltage at AC-3 rated value         600 V           operational current rated value         4 A           operational current rated value         750 W           • at 200 V rated value         750 W           • at 400 V rated value         2200 W           • at 600 V rated value         3000 W           operation fequency rated S-3 maximum         15 fb.           Avxinger circuit         Transverse           rumber of NC contacts for auxiliary contacts         1           number of NC contacts for auxiliary contacts         0           operational current of auxiliary contacts         0           operational current of auxiliary contacts at DC-13         1           • at 20 V         0.5 A           • at 21 20 V         0.5 A           • at 220 V         0.5 A           • at 230 V         0.5 A           • at 24 V         1 A           • at 60 V         0.5 A           operational current of auxiliary contacts at DC-13         1 A           • at 60 V         0.5 A           oprotectional current of auxiliary contacts at DC-13 </td <td>• operating voltage at A_C3 rated value maximum         600 V           operational current rated value         600 · 00 ///&gt;           operational current rated value         4A           operational current rated value         500 W           • at 800 V rated value         200 W           • at 800 V rated value         300 W           operation fequency at AC-3 maximum         15 Ih           Anxiliary oricuit         transverse           number of NC contacts for auxiliary contacts         1           number of CO contacts for auxiliary contacts         1           number of NC contacts for auxiliary contacts at AC-15         2A           • at 120 V         05 A           • at 24 V         0.5 A           • at 24 V         0.5 A           • at 60 V rated value         0.5 A           • at 60 V rated value         0.5 A           • at 60 V rated value         0.5 A</td> <td></td> <td>2.8 4 A</td>	• operating voltage at A_C3 rated value maximum         600 V           operational current rated value         600 · 00 ///>           operational current rated value         4A           operational current rated value         500 W           • at 800 V rated value         200 W           • at 800 V rated value         300 W           operation fequency at AC-3 maximum         15 Ih           Anxiliary oricuit         transverse           number of NC contacts for auxiliary contacts         1           number of CO contacts for auxiliary contacts         1           number of NC contacts for auxiliary contacts at AC-15         2A           • at 120 V         05 A           • at 24 V         0.5 A           • at 24 V         0.5 A           • at 60 V rated value         0.5 A           • at 60 V rated value         0.5 A           • at 60 V rated value         0.5 A		2.8 4 A
operating frequency rated value         60 60 Hz           operational current rated value         4 A           operational current rat AC-3 at 400 V rated value         4 A           operating prover at AC-3         750 W           • at 230 V rated value         1 500 W           • at 300 V rated value         2 200 W           • at 690 V rated value         3 000 W           operating frequency at AC-3 maximum         15 Ih           Auxiliary contacts for auxiliary contacts         1           number of NC contacts for auxiliary contacts         0           operational current of auxiliary contacts         0           operational current of auxiliary contacts at AC-15         • at 120 V           • at 120 V         0.5 A           operational current of auxiliary contacts at DC-13           • at 120 V         0.5 A           operational current of auxiliary contacts at DC-13           • at 24 V         1 A           • at 24 V         1.5 A           product function         No           • promout functi	operating frequency rated value         50         60 Hz           operational current rated value         4A           operating power at AC-3         4A           operating power at AC-3         750 W           • at 320 V rated value         1500 W           • at 320 V rated value         220 W           • at 360 V rated value         3 000 W           operating frequency at AC-3 maximum         15 th           Auxiliary circuit         transverse           member of NC contacts for auxiliary contacts         1           operating frequency at AC-3 maximum         15 th           Auxiliary circuit         2A           design of the auxiliary switch         transverse           number of NC contacts for auxiliary contacts         0           operational current of auxiliary contacts at AC-15         1           • at 120 V         0.5 A           • at 120 V         0.5 A           • at 120 V         0.5 A           operating functions         product function           rin t24 V         1A           • at 24 V         1A           • at 24 V         1A           • at 24 V         0.5 A           operating functions         product function           riproduc	<ul> <li>operating voltage rated value</li> </ul>	690 V
gerational current rated value         4 A           operating power at AC-3         4 A           et 230 V rated value         750 W           • at 200 V rated value         1500 W           • at 600 V rated value         2200 W           • at 600 V rated value         3000 W           operating frequency at AC-3 maximum         15 1h           Auxinary circuit         3000 W           design of the auxiliary sortacts         1           number of NC contacts for auxiliary contacts         1           number of CO contacts for auxiliary contacts         0           operational current of auxiliary contacts         0           • at 230 V         0.5 A           • at 24 V         2 A           • at 25 V         0.5 A           • at 20 V rated value         100 KA	operational current rated value         4 A           operating power at AC-3         4 A           operating power at AC-3         750 W           • at 230 V rated value         750 W           • at 300 V rated value         200 W           • at 500 V rated value         200 W           • at 600 V rated value         200 W           • at 800 V rated value         200 W           operating frequency at AC-3 maximum         15 I/h           Auxiliary circuit         transverse           number of NC contacts for auxillary contacts         1           number of Co contacts for auxillary contacts         1           number of NC contacts for auxillary contacts         0           operational current of auxillary contacts at DC-13         0           • at 24 V         0.5 A           • at 25 V         0.5 A           • at 26 V         0.5 A           • at 60 V         0.15 A           Protoctive and monitoring functions         Ves           product function         No           • phase failure detection         Yes           • th 260 V rated value         100 kA           • at 240 V rated value         100 kA           • at 240 V rated value         100 kA           •	<ul> <li>operating voltage at AC-3 rated value maximum</li> </ul>	690 V
operational current at AC-3 at 400 V rated value         4 A           operating power at AC-3         -           • at 320 V rated value         1500 W           • at 690 V rated value         200 W           • at 890 V rated value         3000 W           operating frequency at AC-3 maximum         15 1h           Auxiliary cervat         16 1h           Auxiliary cervat         1           design of the auxiliary switch         transverse           number of NC contacts for auxiliary contacts         1           number of NC contacts for auxiliary contacts         0           operational current of auxiliary contacts         0.5 A           • at 20 V         0.5 A           operational current of auxiliary contacts at DC-13           • at 20 V         0.5 A           et 23 V         0.5 A           optact function         Ves           rtip class         CLASS 10           design of the overload release         thermal           breakin	operational current at AC-3         4 A           operating power at AC-3         750 W           • at 230 V rated value         150 W           • at 300 V rated value         200 W           • at 990 V rated value         3000 W           operating frequency at AC-3 maximum         15 I/h           Auxiliary circuit         transverse           design of the auxiliary soutch         1           number of NC contacts for auxiliary contacts         1           operational current of auxiliary contacts         0           operational current of auxiliary contacts at AC-15         0           • at 25 V         0.5 A           • at 25 V         0.5 A           • at 24 V         1A           • at 24 V         0.5 A           operational current of auxiliary contacts at DC-13         1A           • at 24 V         0.5 A           operational current of auxiliary contacts at DC-13         1A           • at 24 V         0.5 A           operational current of auxiliary contacts at DC-13         1A           • at 24 V         0.5 A	operating frequency rated value	50 60 Hz
operating power at AC-3         750 W           • at 230 V rated value         750 W           • at 300 V rated value         1600 W           • at 600 V rated value         2200 W           • at 690 V rated value         3000 W           operating frequency at AC-3 maximum         15 1h           Auxiliary circuit         44500 V rated value           design of the auxiliary sontacts         1           number of NC contacts for auxiliary contacts         1           number of CC contacts for auxiliary contacts         0           operational current of auxiliary contacts at AC-15         • at 24 V           • at 24 V         0.5 A           • at 24 V         0.5 A           • at 25 V         0.5 A           operational current of auxiliary contacts at DC-13         • at 26 V           • at 26 V         0.5 A           opproduct function         ProtectVia and monitoring functions           product function         Ves           trip class         CLASS 10           design of the overlaad release         thermal           breaking capacity operating short-circuit current (icc)         100 kA           • at 400 V rated value         100 kA           • at 400 V rated value         100 kA           •	operating power at AC-3           • at 200 V rated value           • at 200 V rated value           • at 500 V rated value           0 oo 0w           operating frequency at AC-3 maximum           15 I/h           Auxiliary carcuit           design of the auxiliary contacts           1           number of NC contacts for auxiliary contacts           1           number of CO contacts for auxiliary contacts at AC-15           • at 24 V           • at 25 V           • at 220 V           0 s5 A           • at 230 V           0 s5 A           • at 24 V           • at 20 V           • at 20 V           0 s5 A           0 s1 24 V           • at 20 V           • at 20 V           • at 20 V           • at 20 V rated value           • at 240 V rated value           • at 400 V rated value </td <td>operational current rated value</td> <td>4 A</td>	operational current rated value	4 A
• at 230 V rated value     750 W       • at 260 V rated value     1500 W       • at 650 V rated value     200 W       • at 650 V rated value     3000 W       operating frequency at AC-3 maximum     151 hh       Auxiliary circuit     transverse       design of the auxiliary switch     transverse       number of NG contacts for auxiliary contacts     1       number of NG contacts for auxiliary contacts     0       operational current of auxiliary contacts     0       • at 20 V     0.5 A       • at 120 V     0.5 A       • at 230 V     0.5 A       operational current of auxiliary contacts at DC-13     • at 24 V       • at 20 V     0.5 A       operational current of auxiliary contacts at DC-13     • at 24 V       • at 20 V     0.5 A       operational current of auxiliary contacts at DC-13     • at 24 V       • at 20 V     0.5 A       operating regress     CLASS 10       design of the overload release     thermal       breaking capacity operating short-circuit current (lcs)     at 360 V rated value       • at 400 V rated value     100 kA       • at 600 V rated value     100 kA	• at 230 V rated value750 W• at 200 V rated value1 500 V• at 600 V rated value200 W• at 600 V rated value3000 W• operating frequency at AC-3 maximum15 t/hAuxiliary circuittransverseAuxiliary circuit1Auxiliary circuit1Auxiliary circuit1Auxiliary circuit1Auxiliary contacts for auxiliary contacts1number of NC contacts for auxiliary contacts1• at 24 W2A• at 125 V0.5 A• at 125 V0.5 A• at 126 V0.5 A• at 230 V0.5 A• at 24 W1A• at 25 V0.5 A• at 26 V0.5 A• at 27 V0.5 A• at 28 V0.5 A• at 29 V0.5 A• at 29 V0.5 A• at 20 V0.5 A• at 24 V1A• at 26 V0.5 A• at 27 V0.5 A• at 28 V0.5 A• at 29 V0.5 A• at 20 V0.5 A• at 24 V rated value0.5 A• at 24 V rated value0.5 A• at 24 V rated value100 kA• at 24 V rated value100 kA• at 24 V rated value100 kA• at 300 V rated value100 kA• at 300 V rated value100 kA• at 300 V rated value100 kA <tr< td=""><td>operational current at AC-3 at 400 V rated value</td><td>4 A</td></tr<>	operational current at AC-3 at 400 V rated value	4 A
<ul> <li>et 400 V rated value</li> <li>et 600 V rated value</li> <li>200 W</li> <li>et 600 V rated value</li> <li>200 W</li> <li>operating frequency at AC-3 maximum</li> <li>15 th</li> <li>Auxiliary circuit</li> <li>design of the auxiliary contacts</li> <li>1</li> <li>number of NG contacts for auxiliary contacts</li> <li>1</li> <li>number of NG contacts for auxiliary contacts</li> <li>1</li> <li>operational current of auxiliary contacts at AC-15</li> <li>et 24 V</li> <li>et 24 V</li> <li>et 24 V</li> <li>et 25 V</li> <li>0.5 A</li> <li>et 23 V</li> <li>0.5 A</li> <li>et 24 V</li> <li>et 24 V rated value</li> <li>et 24 V rated value</li> <li>et 24 V rated value</li> <li></li></ul>	• at 400 V rated value         1 500 W           • at 500 V rated value         2 200 W           • at 600 V rated value         3 000 W           operating frequency at AC-3 maximum         15 t/h           Auxiliary circlet         1           design of the auxiliary contacts         1           number of NC contacts for auxiliary contacts         1           number of CO contacts for auxiliary contacts         0           operational current of auxiliary contacts at AC-15         •           • at 22 V         0.5 A           • at 230 V         0.5 A           operational current of auxiliary contacts at DC-13         •           • at 24 V         0.5 A           • at 24 V         0.5 A           • at 25 V         0.5 A           • at 60 V         0.15 A           Product function         Ves           • ground faul detection         Yes           • frip class         CLASS 10           detaing of the overload release         thermal           breaking capacity operating short-circuit current (tcu)         •           • at 600 V rated value         100 kA           • at 600 V rated value         100 kA           • at 600 V rated value         100 kA           • at	operating power at AC-3	
• at 500 V rated value         2 200 W           • at 650 V rated value         3 000 W           operating frequency at AC-3 maximum         15 f/h           Auxiliary circuit         transverse           design of the auxiliary switch         transverse           number of NC contacts for auxiliary contacts         1           number of NC contacts for auxiliary contacts         0           operational current of auxiliary contacts at AC-15         •           • at 120 V         0.5 A           • at 120 V         0.5 A           • at 120 V         0.5 A           • at 24 V         1.A           • at 25 V         0.5 A           • at 20 V         0.5 A           • at 20 V         0.5 A           • at 20 V         0.5 A           • at 60 V         0.15 A           Product function         No           • ground fault detection         Yes           trip class         CLASS 10           design of the overload release         thermal           breaking capacity operating short-circuit current (lcs)         at AC           at 420 V rated value         100 kA           • at 600 V rated value         100 kA           • at 600 V rated value         100 kA	at 500 V rated value     at 600 V rated value     3000 W     add 1600 V rated value     3000 W     add 1600 V rated value     3000 W     add 1600 V rated value     add 160 V rated value     add 160 V     add	at 230 V rated value	750 W
• at 990 V rated value     3 000 W       operating frequency at AC-3 maximum     15 /h       Awiliary denut     transverse       design of the auxiliary switch     transverse       number of NC contacts for auxiliary contacts     1       number of CO contacts for auxiliary contacts     1       operational current of auxiliary contacts at AC-15     •       • at 120 V     0.5 A       • at 125 V     0.5 A       • at 120 V     0.5 A       • at 24 V     1 A       • at 60 V     0.15 A       Protective and monitoring functions     product function       • ground fault detection     Yes       trip class     CLASS 10       design of the overload release     thermal       breaking capacity operating short-circuit current (Ics)     at 400 V rated value       • at 240 V rated value     100 kA       • at 800 V rated value <t< td=""><td>• at 690 V rated value     3 000 W       operating frequency at AC-3 maximum     15 f/h       design of the auxiliary contacts     1       number of NC contacts for auxiliary contacts     1       number of CO contacts for auxiliary contacts     0       operational current of auxiliary contacts     0       • at 24 V     2 A       • at 25 V     0.5 A       • at 230 V     0.5 A       • at 230 V     0.5 A       • at 230 V     0.5 A       • at 60 V     0.15 A       Protective and monitoring functions     0       product function     No       • phase failure detection     Yes       trip class     CLASS 10       thermal     100 kA       • at 240 V rated value     100 kA       • at 240 V rated value     100 kA       • at 60 V     100 kA       • at 60 V rated value     100 kA       • at 24 V     100 kA       • at 25 V rated value     100 kA       • at 400 V rated value     100 kA       • at 400 V rated value     100 kA       • at 60 V vrated value     100 kA       • at 60 V rated value     100 kA       • at 40 V rated value     100 kA       • at 60 V rated value     100 kA       • at 60 V rated value     100 kA<!--</td--><td><ul> <li>at 400 V rated value</li> </ul></td><td>1 500 W</td></td></t<>	• at 690 V rated value     3 000 W       operating frequency at AC-3 maximum     15 f/h       design of the auxiliary contacts     1       number of NC contacts for auxiliary contacts     1       number of CO contacts for auxiliary contacts     0       operational current of auxiliary contacts     0       • at 24 V     2 A       • at 25 V     0.5 A       • at 230 V     0.5 A       • at 230 V     0.5 A       • at 230 V     0.5 A       • at 60 V     0.15 A       Protective and monitoring functions     0       product function     No       • phase failure detection     Yes       trip class     CLASS 10       thermal     100 kA       • at 240 V rated value     100 kA       • at 240 V rated value     100 kA       • at 60 V     100 kA       • at 60 V rated value     100 kA       • at 24 V     100 kA       • at 25 V rated value     100 kA       • at 400 V rated value     100 kA       • at 400 V rated value     100 kA       • at 60 V vrated value     100 kA       • at 60 V rated value     100 kA       • at 40 V rated value     100 kA       • at 60 V rated value     100 kA       • at 60 V rated value     100 kA </td <td><ul> <li>at 400 V rated value</li> </ul></td> <td>1 500 W</td>	<ul> <li>at 400 V rated value</li> </ul>	1 500 W
operating frequency at AC-3 maximum     15 1/h       Auxiliary circuit     design of the auxiliary switch     transverse       number of NC contacts for auxiliary contacts     1       number of NC contacts for auxiliary contacts     1       number of NC contacts for auxiliary contacts     1       operational current of auxiliary contacts     0       operational current of auxiliary contacts at AC-15     • at 120 V       • at 120 V     0.5 A       • at 220 V     0.5 A       • at 24 V     1.A       • at 24 V     0.5 A       • at 24 V     1.A       • at 24 V rated value     100 kA       • at 240 V rated value     100 kA       • at 240 V rated value     100 kA       • at 240 V rated value     100 kA       • at 600 V rated value     100 kA       • at	operating frequency at AC-3 maximum     15 1/h       Auxiliary circuit     transverse       number of NC contacts for auxiliary contacts     1       number of CO contacts for auxiliary contacts     1       number of NC contacts for auxiliary contacts     0       operational current of auxiliary contacts at AC-15     2 A       • at 24 V     0.5 A       • at 230 V     0.5 A       operational current of auxiliary contacts at DC-13     -       • at 23 V     0.5 A       operational current of auxiliary contacts at DC-13     -       • at 24 V     0.15 A       Protective and monitoring functions     -       product function     No       • ground fault detection     Yes       • phase failure detection     Yes       • at 240 V rated value     100 kA       • at 240 V rated value <td< td=""><td>• at 500 V rated value</td><td>2 200 W</td></td<>	• at 500 V rated value	2 200 W
Auxiliary circuit       transverse         number of NC contacts for auxiliary contacts       1         number of NO contacts for auxiliary contacts       0         operational current of auxiliary contacts       0         operational current of auxiliary contacts       0         e at 24 V       2.A         • at 120 V       0.5 A         • at 122 V       0.5 A         • at 123 V       0.5 A         • at 24 V       1.A         • at 60 V       0.15 A         Protective and monitoring functions       product function         • ground fault detection       No         • ground fault detection       Yes         trip class       CLASS 10         design of the overload release       thermal         breaking capacity operating short-circuit current (icc)       at 420 V rated value         • at 240 V rated value       100 kA         • at 600 V rated value       100 kA         • at 62 at 240 V rated value       100 kA         • at 63 00 V rated value       100 kA         • at 63 00 V rated value       100 kA <t< td=""><td>Auxiliary circuit       transverse         number of NC contacts for auxiliary contacts       1         number of NO contacts for auxiliary contacts       1         number of NO contacts for auxiliary contacts       0         operational current of auxiliary contacts at AC-15       0         • at 24 V       0.5 A         • at 125 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 25 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 24 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 24 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 24 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 24 V       1 A         • at 25 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 60 V       0.15 A         Protective and monitoring functions       0         product function       Ves         ctrip class       CLASS 10         design of the overload release       thermal         breaking capacity opera</td><td><ul> <li>at 690 V rated value</li> </ul></td><td>3 000 W</td></t<>	Auxiliary circuit       transverse         number of NC contacts for auxiliary contacts       1         number of NO contacts for auxiliary contacts       1         number of NO contacts for auxiliary contacts       0         operational current of auxiliary contacts at AC-15       0         • at 24 V       0.5 A         • at 125 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 25 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 24 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 24 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 24 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 24 V       1 A         • at 25 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 60 V       0.15 A         Protective and monitoring functions       0         product function       Ves         ctrip class       CLASS 10         design of the overload release       thermal         breaking capacity opera	<ul> <li>at 690 V rated value</li> </ul>	3 000 W
design of the auxiliary switch     transverse       number of NC contacts for auxiliary contacts     1       number of NC contacts for auxiliary contacts     0       operational current of auxiliary contacts     0       at 120 V     0.5 A       eat 125 V     0.5 A       eat 125 V     0.5 A       eat 24 V     1 A       eat 24 V     0.5 A       eat 24 V     1 A       eat 60 V     0.15 A       Protective and monitoring functions       product function     No       • ground fault detection     Yes       thip class     CLASS 10       design of the overload release     thermal       breaking capacity operating short-circuit current (Ics)     at 240 V rated value       100 kA     100 kA       eat 200 V rated value     100 kA       eat 300 V rated value     100 kA       eat 300 V rated value     100 kA       eat 400 V rated value     100 kA       eat 600 V rated value     100 kA       eat 600 V rated value     100 kA       eat 6100 V rated value     100 kA       eat 620 V rated value     100 kA       eat 620 V rated value     6 kA    <	design of the auxiliary contacts     1       number of NC contacts for auxiliary contacts     1       number of NC contacts for auxiliary contacts     0       oparational current of auxiliary contacts at AC-15     2 A       • at 24 V     0.5 A       • at 20 V     0.15 A       Protective and monitoring functions     0       product function     Ves       • ground fault detection     Yes       trip class     CLASS 10       design of the overload release     thermail       breaking capacity operating short-circuit current (icc)     100 kA       • at 240 V rated value     100 kA       • at 600 V ra	operating frequency at AC-3 maximum	15 1/h
design of the auxiliary switch     transverse       number of NC contacts for auxiliary contacts     1       number of NC contacts for auxiliary contacts     0       operational current of auxiliary contacts     0       at 24 V     2A       • at 25 V     0.5 A       • at 28 V     0.5 A       • at 24 V     1A       • at 60 V     0.15 A       Protective and monitoring functions     Product function       • ground fault detection     Yes       • the class     CLASS 10       design of the overload release     thermal       breaking capacity operating short-circuit current (Ics)     at AC       • at 240 V rated value     100 kA       • at 300 V rated value     100 kA       • at 60 V rated value     100 kA       • at 61 50 V rated value     100 kA       • at 61 50 V rated value     100 kA       • at 61 50 V rated value     100 kA       • at 61 50 V rated value     100 kA       • at 61 50 V rated value     100 kA       • at 61 50 V rated val	design of the auxiliary contacts     1       number of NC contacts for auxiliary contacts     1       number of NC contacts for auxiliary contacts     0       oparational current of auxiliary contacts at AC-15     2 A       • at 24 V     0.5 A       • at 20 V     0.15 A       Protective and monitoring functions     0       product function     Ves       • ground fault detection     Yes       trip class     CLASS 10       design of the overload release     thermail       breaking capacity operating short-circuit current (icc)     100 kA       • at 240 V rated value     100 kA       • at 600 V ra	Auxiliary circuit	
number of NC contacts for auxiliary contacts       1         number of NC contacts for auxiliary contacts       0         operational current of auxiliary contacts at AC-15       0         • at 120 V       2 A         • at 120 V       0.5 A         • at 24 V       1 A         • at 25 V       0.5 A         • operational current of auxiliary contacts at DC-13       0         • at 26 V       0.5 A         • at 26 V       0.5 A         • at 27 V       1 A         • at 60 V       0.15 A         Protective and monitoring functions       Ves         product function       Ves         • ground fault detection       Yes         trip class       CLASS 10         design of the overload release       thermal         breaking capacity operating short-circuit current (Ics)       at 400 V rated value         • at 240 V rated value       100 kA         • at 240 V rated value       100 kA         • at 240 V rated value       100 kA         • at 620 V rated value       100 kA         • at 620 V rated value       100 kA         • at 620 V rated value       100 kA         • at 62 400 V rated value       100 kA         • at 62 400 V rated valu	number of NC contacts for auxiliary contacts     1       number of NC contacts for auxiliary contacts     1       number of NC contacts for auxiliary contacts     0       operational current of auxiliary contacts     0       • at 24 V     2 A       • at 120 V     0.5 A       • at 230 V     0.5 A       • at 230 V     0.5 A       • at 24 V     1A       • at 24 V     1A       • at 60 V     0.15 A       Protective and monitoring functions       product function       • ground fault detection       Yes       trip class       class       class       trip class       • at 400 V rated value       100 kA       • at 400 V rated value       100 kA       • at 240 V rated value       100 kA       • at 60 V rated value       100 kA       • at 60 V rated value       100 kA       • at 240 V rated value       100 kA       • at 60 V rated value       • at 60 V rated value       • at 60 V rated value       • at 60 V rated value </td <td></td> <td>transverse</td>		transverse
number of NO contacts for auxiliary contacts       1         number of CO contacts for auxiliary contacts       0         operational current of auxiliary contacts at AC-15       2         • at 24 V       2.A         • at 125 V       0.5 A         • at 24 V       0.5 A         • at 24 V       1.A         • at 24 V       1.A         • at 60 V       0.15 A         Protective and monitoring functions         product function       No         • ground fault detection       Yes         trip class       CLASS 10         design of the overload release       thermal         breaking capacity operating short-circuit current (ics) at AC       100 kA         • at 240 V rated value       100 kA         • at 600 V rated value       100 kA         • at 6100 V rated value       100 kA         • at 6240 V rated value       100 kA         • at 6240 V rated value       100 kA         • at 620 V rated value       100 kA         • at 6200 V rated value       4 A	number of NO contacts for auxiliary contacts       1         number of CO contacts for auxiliary contacts       0         operational current of auxiliary contacts at AC-15       2         at 24 V       0.5 A         • at 125 V       0.5 A         operational current of auxiliary contacts at DC-13       0         • at 24 V       1A         • at 60 V       0.15 A         Protective and monitoring functions       Product function         • ground fault detection       Yes         • phase failure detection       Yes         • the overload release       thermal         breaking capacity operating short-circuit current (Ics)       100 kA         • at 240 V rated value       100 kA         • at 400 V rated value       100 kA         • at 600 V rated value       4 kA         Dreaking capacity maximum short-circuit current (icu)       6 kA         • at AC at 400		
number of C0 contacts for auxiliary contacts       0         operational current of auxiliary contacts at AC-15       2         • at 120 V       0.5 A         • at 123 V       0.5 A         operational current of auxiliary contacts at DC-13       0.5 A         • at 230 V       0.5 A         operational current of auxiliary contacts at DC-13       0.5 A         • at 24 V       1 A         • at 24 V       1 A         • at 24 V       1 A         • at 24 V       0.5 A         • at 24 V       1 A         • at 24 V rated value       100 kA         • at 400 V rated value       100 kA         • at 240 V rated value       100 kA         • at 240 V rated value       100 kA         • at 630 V rated value       100 kA         • at AC at 500 V rated value       100 kA	number of CO contacts for auxiliary contacts at AC-15       0         operational current of auxiliary contacts at AC-15       2 A         • at 120 V       0.5 A         • at 230 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 230 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 24 V       1 A         • at 24 V       1 A         • at 24 V       1 A         • at 60 V       0.15 A         Protective and monitoring functions       Vestore         product function       No         • phase failure detection       Yes         trip class       CLASS 10         design of the overload release       thermal         breaking capacity operating short-circuit current (Icc)       at 400 V rated value         • at 400 V rated value       100 kA         • at 400 V rated value       100 kA         • at 600 V rated value       100 kA         • at AC at 500 V rated value       100 kA         • at AC at 500 V rated value       100 kA         • at AC at 500 V rated value       6 kA         • at AC at 500 V rated value       6 kA         • at AC at 500 V rated value       6 kA		
operational current of auxiliary contacts at AC-15       2 A         • at 120 V       0.5 A         • at 125 V       0.5 A         operational current of auxiliary contacts at DC-13       0.5 A         • at 24 V       1 A         • at 60 V       0.15 A         Protoctive and monitoring functions       product function         • ground fault detection       Yes         trip class       CLASS 10         design of the overload release       thermal         breaking capacity operating short-circuit current (ics) at AC       100 kA         • at 240 V rated value       100 kA         • at 600 V rated value       100 kA         • at 600 V rated value       100 kA         • at 600 V rated value       100 kA         • at 62 420 V rated value       100 kA         • at 600 V rated value       100 kA         • at 600 V rated value       100 kA         • at 60 V rated value       100 kA	operational current of auxiliary contacts at AC-15       2 A         • at 24 V       2 A         • at 120 V       0.5 A         • at 125 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 24 V       1 A         • at 60 V       0.15 A         Protective and monitoring functions         product function       Ves         • phase failure detection       Yes         trip class       CLASS 10         design of the overload release       thermail         breaking capacity operating short-circuit current (Ics)       100 kA         • at 240 V rated value       100 kA         • at 600 V rated value       100 kA         • at 600 V rated value       100 kA         • at 61 400 V rated value       100 kA         • at 40 V rated value       100 kA         • at 62 at 500 V rated value       100 kA         • at 62 at 500 V rated value       100 kA         • at AC at 600 V rated value       6 kA         • at AC at 600 V rated value       6 kA         • at AC a		0
<ul> <li>at 24 V</li> <li>at 120 V</li> <li>0.5 A</li> <li>at 230 V</li> <li>0.5 A</li> <li>operational current of auxiliary contacts at DC-13 <ul> <li>at 24 V</li> <li>at 24 V</li> <li>at 24 V</li> <li>at 24 V</li> </ul> </li> <li>Protective and monitoring functions product function <ul> <li>ground fault detection</li> <li>where and monitoring functions</li> </ul> </li> <li>Protective and monitoring functions cLASS 10 <ul> <li>trip class</li> <li>design of the overload release</li> <li>thermal</li> </ul> </li> <li>breaking capacity operating short-circuit current (ics) <ul> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 600 V rated value</li> <li>at AC at 400 V rated value</li> <li>at AC at 500 V rated value</li> <li>at AC at 600 V rated value</li> <li>bink</li> <li>at AC at 600 V rated value</li> <li>at AC at 600 V rated value</li> <li>at AC at 600 V rated value</li> <li>bink</li> <li>at AC at 500 V rated value</li> <li>bink</li> <li>at AC at 600 V rated value</li> <li>bink</li> <li>at AC at 600 V rated value</li> <li>bink</li> <li>bink</li> <li>bink</li> <li>bink</li> <li>class AC motor</li> <li>at 480 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>bink</li> <li>bink<td></td><td>•</td><td></td></li></ul></li></ul>		•	
<ul> <li>eit 120 V</li> <li>eit 125 V</li> <li>of A</li> <li>eit 230 V</li> <li>of A</li> <li>operational current of auxiliary contacts at DC-13</li> <li>eit 24 V</li> <li>at 60 V</li> <li>ot 5 A</li> <li>operational current of auxiliary contacts at DC-13</li> <li>eit 24 V</li> <li>at 60 V</li> <li>ot 5 A</li> <li>Protective and monitoring functions</li> <li>product function</li> <li>optase failure detection</li> <li>Ves</li> <li>trip class</li> <li>CLASS 10</li> <li>design of the overload release</li> <li>thermal</li> <li>breaking capacity operating short-circuit current (Ics)</li> <li>at AC</li> <li>at 400 V rated value</li> <li>100 kA</li> <li>at 500 V rated value</li> <li>100 kA</li> <li>at 600 V rated value</li> <li>100 kA</li> <li>at AC at 400 V rated value</li> <li>100 kA</li> <li>at AC at 400 V rated value</li> <li>100 kA</li> <li>at AC at 400 V rated value</li> <li>100 kA</li> <li>at AC at 400 V rated value</li> <li>100 kA</li> <li>at AC at 400 V rated value</li> <li>100 kA</li> <li>at AC at 400 V rated value</li> <li>100 kA</li> <li>at AC at 600 V rated value</li> <li>100 kA</li> <li>at AC at 600 V rated value</li> <li>100 kA</li> <li>at AC at 400 V rated value</li> <li>100 kA</li> <li>at AC at 600 V rated value</li> <li>100 kA</li> <li>at AC at 400 V rated value</li> <li>6 kA</li> <li>response value current of instantaneous short-circuit trip</li> <li>unt</li> <li><i>ULCSA</i> ratings</li> <li><i>ULCSA</i> rating appendences short-circuit trip</li> <li>at 480 V rated value</li> <li>4 A</li> <li>at 480 V rated value</li> <li>4 A</li> <li>at 480 V rated value</li> <li>4 A</li> <li>at 480 V rated value</li> <li>6 rat 490 V rated value</li> <li>6 rat 490 V rated value</li> <li>6 rat 200 V rated value</li> <li>75 hp</li> <li>at 200/200 V rated value<td>• at 120 V       0.5 Å         • at 220 V       0.5 Å         • at 230 V       0.5 Å         • at 230 V       0.5 Å         • at 24 V       1 Å         • at 24 V       1 Å         • at 60 V       0.15 Å         Protective and monitoring functions       Protective and monitoring functions         • ground fault detection       No         • phase failure detection       Yes         trip class       CLASS 10         design of the overload release       thermal         breaking capacity operating short-circuit current (Ics) at AC       100 kA         • at 240 V rated value       100 kA         • at 600 V rated value       100 kA         • at 600 V rated value       100 kA         • at 630 V rated value       100 kA         • at 630 V rated value       100 kA         • at 640 V rated value       100 kA         • at 64 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 600 V rated value       100 kA         • at AC at 600 V rated value       100 kA         • at AC at 600 V rated value       6 kA         response value current of instantaneous short-circuit tirp       52 A         <td< td=""><td></td><td>2 A</td></td<></td></li></ul>	• at 120 V       0.5 Å         • at 220 V       0.5 Å         • at 230 V       0.5 Å         • at 230 V       0.5 Å         • at 24 V       1 Å         • at 24 V       1 Å         • at 60 V       0.15 Å         Protective and monitoring functions       Protective and monitoring functions         • ground fault detection       No         • phase failure detection       Yes         trip class       CLASS 10         design of the overload release       thermal         breaking capacity operating short-circuit current (Ics) at AC       100 kA         • at 240 V rated value       100 kA         • at 600 V rated value       100 kA         • at 600 V rated value       100 kA         • at 630 V rated value       100 kA         • at 630 V rated value       100 kA         • at 640 V rated value       100 kA         • at 64 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 600 V rated value       100 kA         • at AC at 600 V rated value       100 kA         • at AC at 600 V rated value       6 kA         response value current of instantaneous short-circuit tirp       52 A <td< td=""><td></td><td>2 A</td></td<>		2 A
• at 230 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 80 V       0.15 A         Protective and monitoring functions       0.5 A         product function       0         • prass failure detection       No         • or at 80 V       CLASS 10         design of the overload release       thermal         breaking capacity operating short-circuit current (Ics)       thermal         or at 420 V rated value       100 kA         • at 400 V rated value       100 kA         • at 400 V rated value       100 kA         • at 400 V rated value       100 kA         • at 600 V rated value       100 kA         • at 400 V rated value       100 kA         • at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 690 V rated value       4 A         • at AC at 690 V rated value       4 A         • at AC at 690 V rated value <t< td=""><td>• at 230 V     0.5 Å       operational current of auxiliary contacts at DC-13     1 Å       • at 24 V     1 Å       • at 60 V     0.15 Å       Protective and monitoring functions     Protective and monitoring functions       product function     Ves       • at 86 V     Ves       trip class     CLASS 10       design of the overload release     thermal       breaking capacity operating short-circuit current (Ics) at AC     100 kA       • at 240 V rated value     100 kA       • at 600 V rated value     100 kA       • at 60 V rated value     100 kA       • at 61 400 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 600 V rated value     100 kA       • at AC at 600 V rated value     100 kA       • at 60 V rated value     6 kA       response value current (FLA) for 3-phase AC motor     6 kA       • at 400 V rated val</td><td></td><td>0.5 A</td></t<>	• at 230 V     0.5 Å       operational current of auxiliary contacts at DC-13     1 Å       • at 24 V     1 Å       • at 60 V     0.15 Å       Protective and monitoring functions     Protective and monitoring functions       product function     Ves       • at 86 V     Ves       trip class     CLASS 10       design of the overload release     thermal       breaking capacity operating short-circuit current (Ics) at AC     100 kA       • at 240 V rated value     100 kA       • at 600 V rated value     100 kA       • at 60 V rated value     100 kA       • at 61 400 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 600 V rated value     100 kA       • at AC at 600 V rated value     100 kA       • at 60 V rated value     6 kA       response value current (FLA) for 3-phase AC motor     6 kA       • at 400 V rated val		0.5 A
• at 230 V       0.5 A         operational current of auxiliary contacts at DC-13       1 A         • at 80 V       0.15 A         Protective and monitoring functions       0.5 A         product function       0         • prass failure detection       No         • or at 80 V       CLASS 10         design of the overload release       thermal         breaking capacity operating short-circuit current (Ics)       thermal         or at 420 V rated value       100 kA         • at 400 V rated value       100 kA         • at 400 V rated value       100 kA         • at 400 V rated value       100 kA         • at 600 V rated value       100 kA         • at 400 V rated value       100 kA         • at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 690 V rated value       4 A         • at AC at 690 V rated value       4 A         • at AC at 690 V rated value <t< td=""><td>• at 230 V     0.5 Å       operational current of auxiliary contacts at DC-13     1 Å       • at 24 V     1 Å       • at 60 V     0.15 Å       Protective and monitoring functions     Protective and monitoring functions       product function     Ves       • at 86 V     Ves       trip class     CLASS 10       design of the overload release     thermal       breaking capacity operating short-circuit current (Ics) at AC     100 kA       • at 240 V rated value     100 kA       • at 600 V rated value     100 kA       • at 60 V rated value     100 kA       • at 61 400 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 600 V rated value     100 kA       • at AC at 600 V rated value     100 kA       • at 60 V rated value     6 kA       response value current (FLA) for 3-phase AC motor     6 kA       • at 400 V rated val</td><td></td><td></td></t<>	• at 230 V     0.5 Å       operational current of auxiliary contacts at DC-13     1 Å       • at 24 V     1 Å       • at 60 V     0.15 Å       Protective and monitoring functions     Protective and monitoring functions       product function     Ves       • at 86 V     Ves       trip class     CLASS 10       design of the overload release     thermal       breaking capacity operating short-circuit current (Ics) at AC     100 kA       • at 240 V rated value     100 kA       • at 600 V rated value     100 kA       • at 60 V rated value     100 kA       • at 61 400 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 600 V rated value     100 kA       • at AC at 600 V rated value     100 kA       • at 60 V rated value     6 kA       response value current (FLA) for 3-phase AC motor     6 kA       • at 400 V rated val		
• at 80 V       1 A         • at 80 V       0.15 A         Protective and monitoring functions	• at 24 V       1 A         • at 60 V       0.15 A         Protective and monitoring functions         product function         • ground fault detection         • phase failure detection         Yes         trip class         design of the overload release         breaking capacity operating short-circuit current (Ics) at AC         • at 240 V rated value         • at 240 V rated value         • at 400 V rated value         • at 600 V rated value         • at AC at 240 V rated value         • at AC at 400 V rated value         • at AC at 500 V rated value         • at AC at 500 V rated value         • at AC at 600 V rated value         • at AC at 500 V rated value         • at 400 V rated value         • at 400 V rated value         • at 400 V rated value         • at 600 V rated value         • at 400 V rated value		
• at 80 V       1 A         • at 60 V       0.15 A         Protective and monitoring functions         product function         • ground fault detection         • phase failure detection         trip class         CLASS 10         design of the overload release         breaking capacity operating short-circuit current (ics) at AC         • at 240 V rated value         • at 240 V rated value         • at 600 V rated value         • at 600 V rated value         • at 600 V rated value         • at C at 400 V rated value         • at AC at 500 V rated value         • at AC at 500 V rated value         • at AC at 600 V rated value         • at AC at 600 V rated value         • at AC at value         • at 600 V rated value         • at 600 V rated value         • at 800 V rated value     <	• at 24 V       1 A         • at 60 V       0.15 A         Protective and monitoring functions         product function         • ground fault detection         • phase failure detection         Yes         trip class         design of the overload release         breaking capacity operating short-circuit current (Ics) at AC         • at 240 V rated value         • at 240 V rated value         • at 400 V rated value         • at 600 V rated value         • at AC at 240 V rated value         • at AC at 400 V rated value         • at AC at 500 V rated value         • at AC at 500 V rated value         • at AC at 600 V rated value         • at AC at 500 V rated value         • at 400 V rated value         • at 400 V rated value         • at 400 V rated value         • at 600 V rated value         • at 400 V rated value		
• at 60 V       0.15 Å         Protective and monitoring functions          product function       No         • ground fault detection       Yes         trip class       CLASS 10         design of the overload release       thermal         breaking capacity operating short-circuit current (ics) at AC       100 kA         • at 240 V rated value       100 kA         • at 400 V rated value       100 kA         • at 600 V rated value       4 kA         breaking capacity maximum short-circuit current (icu)       • at AC at 240 V rated value         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 500 V rated value       100 kA         • at AC at 690 V rated value       4 A         • at AC at 690 V rated value       4 A         • at AC at 690 V rated value       6 kA         response value current (FLA) for 3-phase AC motor       4 A         • at 600 V rated value       4 A         • at 600 V rated value       4 A	• at 60 V         0.15 A           Protective and monitoring functions         Protective and monitoring functions           product function         No           • ground fault detection         Yes           trip class         CLASS 10           design of the overload release         thermal           breaking capacity operating short-circuit current (Ics) at AC         100 kA           • at 240 V rated value         100 kA           • at 650 V rated value         100 kA           • at AC at 400 V rated value         100 kA           • at AC at 400 V rated value         100 kA           • at AC at 400 V rated value         100 kA           • at AC at 400 V rated value         100 kA           • at AC at 400 V rated value         100 kA           • at AC at 400 V rated value         52 A           unit         52 A           ULCSA ratings         4           yielded mechanical performance [hp]         4           • for single-phase AC motor         -           - at 200 V rated value         0.75 hp           - at 200/208 V rated value         0.75 h		1 A
Protective and monitoring functions         product function         • ground fault detection         • phase failure detection         trip class         CLASS 10         design of the overload release         breaking capacity operating short-circuit current (Ics) at AC         • at 240 V rated value         • at 240 V rated value         • at 690 V rated value         • at 690 V rated value         • at 690 V rated value         • at 640 V rated value         • at AC at 240 V rated value         • at AC at 400 V rated value         • at AC at 400 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 400 V rated value<	Protective and monitoring functions         product function         • phase failure detection         • phase failure detection         Yes         trip class         CLASS 10         design of the overload release         breaking capacity operating short-circuit current (Ics) at AC         • at 240 V rated value       100 kA         • at 240 V rated value       100 kA         • at 500 V rated value       100 kA         • at 600 V rated value       100 kA         • at 600 V rated value       100 kA         • at 600 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 500 V rated value       6 kA         response value current of instantaneous short-circuit trip unit       52 A         UL/CSA ratings          full-load current (FLA) for 3-phase AC motor          • at 600 V rated value       4 A         • at 600 V rated value       4 A         • at 600 V rated value       0.125 hp         • at 600 V rated value       0.75 hp <td< td=""><td></td><td></td></td<>		
product function     No       • ground fault detection     Yes       trip class     CLASS 10       design of the overload release     thermal       breaking capacity operating short-circuit current (Ics) at AC     100 kA       • at 240 V rated value     100 kA       • at 400 V rated value     100 kA       • at 690 V rated value     100 kA       • at 690 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 500 V rated value     100 kA       • at AC at 690 V rated value     100 kA       • at AC at 90 V rated value     100 kA       • at AC at 90 V rated value     100 kA       • at AC at 90 V rated value     6 kA       response value current of instantaneous short-circuit trip     52 A       unit     100 V rated value     4 A       • at 600 V rated value     4 A       • at 600 V rated value     0.125 hp       • at 800 V rated value     0.333 hp       • for 3-phase AC motor     0.333 hp       • for 3-phase AC motor     0.75 hp	product function     No       • phase failure detection     Yes       trip class     CLASS 10       design of the overload release     CLASS 10       breaking capacity operating short-circuit current (Ics) at AC     100 kA       • at 240 V rated value     100 kA       • at 400 V rated value     100 kA       • at 600 V rated value     100 kA       • at 600 V rated value     100 kA       • at AC at 400 V rated value     100 kA       • at AC at 400 V rated value     100 kA       • at AC at 400 V rated value     100 kA       • at AC at 400 V rated value     100 kA       • at AC at 400 V rated value     6 kA       • at AC at 500 V rated value     100 kA       • at AC at 400 V rated value     100 kA       • at AC at 400 V rated value     100 kA       • at AC at 90 V rated value     100 kA       • at AC at 90 V rated value     100 kA       • at AC at 90 V rated value     100 kA       • at AC at 90 V rated value     100 kA       • at AC at 90 V rated value     100 kA       • at AC at 90 V rated value     100 kA       • at 600 V rated value     0 kA       • at 600 V rated value     4 A       • at 600 V rated value     0.125 hp       • at 100 120 V rated value     0.125 hp       - at	Protective and monitoring functions	
• ground fault detection     No       • phase failure detection     Yes       trip class     CLASS 10       design of the overload release     thermal       breaking capacity operating short-circuit current (Ics) at AC     at 240 V rated value       • at 240 V rated value     100 kA       • at 400 V rated value     100 kA       • at 500 V rated value     100 kA       • at 690 V rated value     100 kA       • at 600 V rated value     100 kA       • at 620 V rated value     100 kA       • at 630 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 400 V rated value     100 kA       • at AC at 500 V rated value     100 kA       • at AC at 690 V rated value     100 kA       • at AC at 690 V rated value     100 kA       • at AC at 690 V rated value     6 kA       response value current of instantaneous short-circuit trip     52 A       unit     52 A       tull-load current (FLA) for 3-phase AC motor     4 A       • at 600 V rated value     4 A       vjelded mechanical performance [hp]     6 if A       • for single-phase AC motor     - at 200 / rated value       - at 200 / rated value     0.33 hp       • for 3-phase AC motor	• ground fault detection       No         • phase failure detection       Yes         trip class       CLASS 10         design of the overload release       thermal         breaking capacity operating short-circuit current (Ics) at AC       100 kA         • at 240 V rated value       100 kA         • at 400 V rated value       100 kA         • at 400 V rated value       100 kA         • at 690 V rated value       4 kA         breaking capacity maximum short-circuit current (Icu)       4 kA         • at AC at 240 V rated value       100 kA         • at AC at 240 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 500 V rated value       100 kA         • at AC at 500 V rated value       100 kA         • at AC at 500 V rated value       6 kA         • at AC at 690 V rated value       6 kA         response value current of instantaneous short-circuit trip unit       52 A         full-load current (FLA) for 3-phase AC motor       4 A         • at 480 V rated value       4 A         • at 600 V rated value       0.125 hp         - at 110/120 V rated value       0.125 hp         - at 200/208 V rated value       0.75 hp         - at 200/208 V rated value <td></td> <td></td>		
• phase failure detection     Yes       trip class     CLASS 10       design of the overload release     thermal       breaking capacity operating short-circuit current (Ics) at AC        • at 240 V rated value     100 kA       • at 400 V rated value     100 kA       • at 690 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 240 V rated value     100 kA       • at AC at 400 V rated value     100 kA       • at AC at 690 V rated value     6 kA       response value current of instantaneous short-circuit trip     52 A       unit     52 A <b>UL/CSA ratings</b> 4 A <b>vielde mechanical performance [hp]</b> 6 kA       • at 600 V rated value     4 A       • at 600 V rated value     0.125 hp       - at 230 V rated value     0.125 hp       - at 200/208 V rated value     0.75 hp       - at 220/208 V rated value     0.75 hp <td>• phase failure detection       Yes         trip class       CLASS 10         design of the overload release       thermal         breaking capacity operating short-circuit current (ics) at AC       tat Cat 240 V rated value         • at 240 V rated value       100 kA         • at 500 V rated value       100 kA         • at 690 V rated value       100 kA         • at 600 V rated value       100 kA         • at 600 V rated value       100 kA         • at AC at 240 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 500 V rated value       100 kA         • at AC at 500 V rated value       100 kA         • at AC at 500 V rated value       100 kA         • at AC at 690 V rated value       100 kA         • at AC at 690 V rated value       6 kA         response value current of instantaneous short-circuit trip unit       52 A         ULCSA ratings       full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       4 A         • at 600 V rated value       4 A         • at 200 V rated value       0.125 hp         • at 110/120 V rated value       0.333 hp         • for 3-phase AC motor<td></td><td>Νο</td></td>	• phase failure detection       Yes         trip class       CLASS 10         design of the overload release       thermal         breaking capacity operating short-circuit current (ics) at AC       tat Cat 240 V rated value         • at 240 V rated value       100 kA         • at 500 V rated value       100 kA         • at 690 V rated value       100 kA         • at 600 V rated value       100 kA         • at 600 V rated value       100 kA         • at AC at 240 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 500 V rated value       100 kA         • at AC at 500 V rated value       100 kA         • at AC at 500 V rated value       100 kA         • at AC at 690 V rated value       100 kA         • at AC at 690 V rated value       6 kA         response value current of instantaneous short-circuit trip unit       52 A         ULCSA ratings       full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       4 A         • at 600 V rated value       4 A         • at 200 V rated value       0.125 hp         • at 110/120 V rated value       0.333 hp         • for 3-phase AC motor <td></td> <td>Νο</td>		Νο
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Important       Important         design of the overload release       thermal         breaking capacity operating short-circuit current (Ics) at AC       100 kA         • at 240 V rated value       100 kA         • at 400 V rated value       100 kA         • at 600 V rated value       100 kA         • at 600 V rated value       100 kA         • at 600 V rated value       4 kA         breaking capacity maximum short-circuit current (Icu)       100 kA         • at AC at 240 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       6 kA         response value current of instantaneous short-circuit trip unit       52 A         UL/CSA ratings       52 A         full-load current (FLA) for 3-phase AC motor       4 A         • at 800 V rated value       4 A         • at 600 V rated value       4 A         • at 600 V rated value       0.125 hp         • at 300 V rated value       0.333 hp         • for 3-phase AC motor       0.125 hp         • at 200/208 V rated value       0.75 hp	Implementation       Implementation         design of the overload release       thermal         breaking capacity operating short-circuit current (Ics) at AC       at 400 V rated value         • at 240 V rated value       100 kA         • at 400 V rated value       100 kA         • at 600 V rated value       100 kA         • at 600 V rated value       4 kA         breaking capacity maximum short-circuit current (Icu)       4 kA         • at AC at 240 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 600 V rated value       6 kA         response value current of instantaneous short-circuit trip unit       52 A         unit       UL/CSA ratings         full-load current (FLA) for 3-phase AC motor       4 A         • at 800 V rated value       4 A         • at 600 V rated value       4 A         vielded mechanical performance [hp]       0.125 hp         • for 3-phase AC motor       0.333 hp         • for 3-phase AC motor       0.75 hp         - at 200/208 V rated value       0.75 hp         - at 200/208 V rated value       0.75 hp         - at 200/208 V rated value       2 hp		
breaking capacity operating short-circuit current (Ics) at AC       100 kA         • at 240 V rated value       100 kA         • at 400 V rated value       100 kA         • at 600 V rated value       100 kA         • at 600 V rated value       4 kA         breaking capacity maximum short-circuit current (Icu)       100 kA         • at AC at 240 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 500 V rated value       100 kA         • at AC at 690 V rated value       100 kA         • at AC at 690 V rated value       6 kA         response value current of instantaneous short-circuit trip unit       52 A         UL/CSA ratings       52 A         full-load current (FLA) for 3-phase AC motor       4 A         • at 600 V rated value       4 A         • at 600 V rated value       4 A         • at 600 V rated value       0.125 hp         - at 110/120 V rated value       0.333 hp         • for 3-phase AC motor       -         - at 200/208 V rated value       0.75 hp         - at 220/230 V rated value       0.75 hp	breaking capacity operating short-circuit current (Ics) at AC         • at 240 V rated value       100 kA         • at 400 V rated value       100 kA         • at 500 V rated value       100 kA         • at 690 V rated value       4 kA         breaking capacity maximum short-circuit current (Icu)       4 kA         • at AC at 240 V rated value       100 kA         • at AC at 240 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 500 V rated value       100 kA         • at AC at 690 V rated value       100 kA         • at AC at 690 V rated value       6 kA         response value current of instantaneous short-circuit trip unit       52 A         utl/CSA ratings       52 A         full-load current (FLA) for 3-phase AC motor       4 A         • at 600 V rated value       4 A         • at 600 V rated value       4 A         • at 600 V rated value       4 A         • at 10/120 V rated value       0.125 hp         - at 200/208 V rated value       0.75 hp         - at 200/208 V rated value       0.75 hp         - at 200/208 V rated value       0.75 hp         - at 460/480 V rated value       2 hp	•	
• at 240 V rated value100 kA• at 400 V rated value100 kA• at 500 V rated value100 kA• at 690 V rated value4 kAbreaking capacity maximum short-circuit current (Icu)100 kA• at AC at 240 V rated value100 kA• at AC at 240 V rated value100 kA• at AC at 500 V rated value100 kA• at AC at 690 V rated value100 kA• at AC at 690 V rated value6 kAresponse value current of instantaneous short-circuit trip unit52 AUL/CSA ratings4 A• at 480 V rated value4 A• at 600 V rated value4 A• at 600 V rated value4 A• at 600 V rated value0.125 hp• at 300 V rated value0.125 hp- at 230 V rated value0.333 hp• for 3-phase AC motor at 200/208 V rated value0.75 hp- at 200/208 V rated value0.75 hp	• at 240 V rated value       100 kA         • at 400 V rated value       100 kA         • at 500 V rated value       100 kA         • at 690 V rated value       4 kA         breaking capacity maximum short-circuit current (Icu)       00 kA         • at AC at 240 V rated value       100 kA         • at AC at 240 V rated value       100 kA         • at AC at 400 V rated value       100 kA         • at AC at 500 V rated value       100 kA         • at AC at 600 V rated value       6 kA         response value current of instantaneous short-circuit trip unit       52 A         UL/CSA ratings       52 A         full-load current (FLA) for 3-phase AC motor       4 A         • at 600 V rated value       4 A         • at 600 V rated value       4 A         • at 600 V rated value       0.125 hp         - at 200 / rated value       0.33 hp         • for 3-phase AC motor       -         - at 200/280 V rated value       0.75 hp         - at 200/280 V rated value       0.75 hp         - at 460/480 V rated value       2 hp	breaking capacity operating short-circuit current (lcs)	
• at 400 V rated value100 kA• at 500 V rated value100 kA• at 690 V rated value4 kAbreaking capacity maximum short-circuit current (Icu)• at AC at 240 V rated value100 kA• at AC at 240 V rated value100 kA• at AC at 500 V rated value100 kA• at AC at 500 V rated value100 kA• at AC at 690 V rated value6 kAresponse value current of instantaneous short-circuit trip unit52 Atul-CSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value4 A• at 600 V rated value4 Ayielded mechanical performance [hp]• for single-phase AC motor0.125 hp- at 110/120 V rated value0.333 hp• for 3-phase AC motor0.75 hp- at 220/230 V rated value0.75 hp	• at 400 V rated value100 kA• at 500 V rated value100 kA• at 690 V rated value4 kAbreaking capacity maximum short-circuit current (Icu)• at AC at 240 V rated value100 kA• at AC at 240 V rated value100 kA• at AC at 500 V rated value100 kA• at AC at 690 V rated value100 kA• at AC at 690 V rated value6 kAresponse value current of instantaneous short-circuit trip unit52 AUL/CSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value4 A• at 600 V rated value4 A• at 300 V rated value0.125 hp- at 110/120 V rated value0.125 hp- at 230 V rated value0.333 hp• for 3-phase AC motor at 200/208 V rated value0.75 hp- at 200/208 V rated value0.75 hp- at 460/480 V rated value2 hp		100 kA
• at 500 V rated value100 kA• at 690 V rated value4 kAbreaking capacity maximum short-circuit current (Icu)100 kA• at AC at 240 V rated value100 kA• at AC at 400 V rated value100 kA• at AC at 500 V rated value100 kA• at AC at 690 V rated value6 kAresponse value current of instantaneous short-circuit trip unit52 A <b>UL/CSA ratingsUL/CSA ratings</b> full-load current (FLA) for 3-phase AC motor4 A• at 480 V rated value4 A• at 600 V rated value4 Ayielded mechanical performance [hp]0.125 hp• for single-phase AC motor0.333 hp• at 200/208 V rated value0.75 hp- at 220/230 V rated value0.75 hp	• at 500 V rated value100 kA• at 690 V rated value4 kAbreaking capacity maximum short-circuit current (Icu)• at AC at 240 V rated value100 kA• at AC at 240 V rated value100 kA• at AC at 500 V rated value100 kA• at AC at 690 V rated value6 kAresponse value current of instantaneous short-circuit trip unit52 AUL/CSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value4 A• at 600 V rated value4 Ayielded mechanical performance [hp]• for single-phase AC motor0.125 hp- at 210/208 V rated value0.75 hp- at 220/230 V rated value0.75 hp- at 460/480 V rated value2 hp		
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<ul> <li>at AC at 240 V rated value</li> <li>at AC at 240 V rated value</li> <li>at AC at 400 V rated value</li> <li>at AC at 500 V rated value</li> <li>at AC at 690 V rated value</li> <li>bkA</li> <li>at AC at 690 V rated value</li> <li>bkA</li> <li>bkA</li></ul>	• at AC at 240 V rated value100 kA• at AC at 400 V rated value100 kA• at AC at 500 V rated value100 kA• at AC at 690 V rated value6 kAresponse value current of instantaneous short-circuit trip unit52 AUL/CSA ratingsfull-load current (FLA) for 3-phase AC motor • at 480 V rated value4 A• at 600 V rated value4 A• at 600 V rated value0.125 hp- at 110/120 V rated value0.125 hp- at 230 V rated value0.333 hp• for 3-phase AC motor - at 220/208 V rated value0.75 hp- at 220/230 V rated value0.75 hp- at 460/480 V rated value2 hp		
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• at AC at 500 V rated value100 kA• at AC at 690 V rated value6 kAresponse value current of instantaneous short-circuit trip unit52 AUL/CSA ratingsfull-load current (FLA) for 3-phase AC motor • at 480 V rated value4 A• at 600 V rated value4 A• at 600 V rated value0.125 hp• for single-phase AC motor - at 110/120 V rated value0.125 hp- at 230 V rated value0.333 hp• for 3-phase AC motor - at 200/208 V rated value0.75 hp- at 220/230 V rated value0.75 hp	• at AC at 500 V rated value100 kA• at AC at 690 V rated value6 kAresponse value current of instantaneous short-circuit trip unit52 AUL/CSA ratingsUL/CSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value4 A• at 600 V rated value4 A• at 600 V rated value0.125 hp- at 110/120 V rated value0.333 hp• for 3-phase AC motor0.333 hp• for 3-phase AC motor0.75 hp- at 220/230 V rated value0.75 hp- at 60/480 V rated value2 hp		
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UL/CSA ratings         full-load current (FLA) for 3-phase AC motor       4 A         • at 480 V rated value       4 A         • at 600 V rated value       4 A         • at 600 V rated value       4 A         • at 600 V rated value       0.125 hp         - at 230 V rated value       0.333 hp         • for 3-phase AC motor       0.75 hp         - at 220/230 V rated value       0.75 hp	UL/CSA ratings         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       4 A         • at 600 V rated value       4 A         • at 600 V rated value       4 A         • at 600 V rated value       0 A         yielded mechanical performance [hp]       6 for single-phase AC motor         - at 110/120 V rated value       0.125 hp         - at 230 V rated value       0.333 hp         • for 3-phase AC motor       0.75 hp         - at 220/230 V rated value       0.75 hp         - at 460/480 V rated value       2 hp		
full-load current (FLA) for 3-phase AC motor• at 480 V rated value4 A• at 600 V rated value4 A• at 600 V rated value4 Ayielded mechanical performance [hp]• for single-phase AC motor- at 110/120 V rated value0.125 hp- at 230 V rated value0.333 hp• for 3-phase AC motor- at 200/208 V rated value0.75 hp- at 220/230 V rated value0.75 hp	full-load current (FLA) for 3-phase AC motor• at 480 V rated value4 A• at 600 V rated value4 A• at 600 V rated value4 Ayielded mechanical performance [hp]• for single-phase AC motor- at 110/120 V rated value0.125 hp- at 230 V rated value0.333 hp• for 3-phase AC motor- at 200/208 V rated value0.75 hp- at 220/230 V rated value0.75 hp- at 460/480 V rated value2 hp		
<ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>4 A</li> <li>4 A</li> <li>4 A</li> <li>9 yielded mechanical performance [hp]</li> <li>for single-phase AC motor</li> <li>- at 110/120 V rated value</li> <li>0.125 hp</li> <li>- at 230 V rated value</li> <li>0.333 hp</li> <li>for 3-phase AC motor</li> <li>- at 200/208 V rated value</li> <li>0.75 hp</li> <li>- at 220/230 V rated value</li> <li>0.75 hp</li> </ul>	<ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>4 A</li> <li>at 600 V rated value</li> <li>4 A</li> <li>yielded mechanical performance [hp]</li> <li>for single-phase AC motor</li> <li>- at 110/120 V rated value</li> <li>0.125 hp</li> <li>- at 230 V rated value</li> <li>0.333 hp</li> <li>for 3-phase AC motor</li> <li>- at 200/208 V rated value</li> <li>0.75 hp</li> <li>- at 220/230 V rated value</li> <li>0.75 hp</li> <li>- at 460/480 V rated value</li> <li>2 hp</li> </ul>		
at 600 V rated value     4 A      yielded mechanical performance [hp]     o for single-phase AC motor         — at 110/120 V rated value         0.125 hp         — at 230 V rated value         0.333 hp     o for 3-phase AC motor         — at 200/208 V rated value         0.75 hp         — at 220/230 V rated value         0.75 hp	• at 600 V rated value4 Ayielded mechanical performance [hp]4 A• for single-phase AC motor0.125 hp- at 110/120 V rated value0.125 hp- at 230 V rated value0.333 hp• for 3-phase AC motor		4.0
yielded mechanical performance [hp]• for single-phase AC motor at 110/120 V rated value0.125 hp at 230 V rated value0.333 hp• for 3-phase AC motor at 200/208 V rated value0.75 hp at 220/230 V rated value0.75 hp	yielded mechanical performance [hp]• for single-phase AC motor at 110/120 V rated value0.125 hp at 230 V rated value0.333 hp• for 3-phase AC motor at 200/208 V rated value0.75 hp at 220/230 V rated value0.75 hp at 460/480 V rated value2 hp		
<ul> <li>for single-phase AC motor         <ul> <li>at 110/120 V rated value</li> <li>at 230 V rated value</li> <li>for 3-phase AC motor</li> <li>at 200/208 V rated value</li> <li>0.75 hp</li> <li>at 220/230 V rated value</li> <li>0.75 hp</li> </ul> </li> </ul>	<ul> <li>for single-phase AC motor</li> <li>at 110/120 V rated value</li> <li>0.125 hp</li> <li>at 230 V rated value</li> <li>0.333 hp</li> <li>for 3-phase AC motor</li> <li>at 200/208 V rated value</li> <li>0.75 hp</li> <li>at 220/230 V rated value</li> <li>0.75 hp</li> <li>at 460/480 V rated value</li> <li>2 hp</li> </ul>		4 A
at 110/120 V rated value0.125 hp at 230 V rated value0.333 hp• for 3-phase AC motor at 200/208 V rated value at 200/208 V rated value0.75 hp at 220/230 V rated value0.75 hp			
<ul> <li>at 230 V rated value</li> <li>for 3-phase AC motor</li> <li>at 200/208 V rated value</li> <li>0.75 hp</li> <li>at 220/230 V rated value</li> <li>0.75 hp</li> </ul>			0.125 hr
for 3-phase AC motor         — at 200/208 V rated value         at 220/230 V rated value         0.75 hp         0.75 hp	• for 3-phase AC motor          — at 200/208 V rated value       0.75 hp         — at 220/230 V rated value       0.75 hp         — at 460/480 V rated value       2 hp		
			0.333 Np
— at 220/230 V rated value 0.75 hp		•	0.75 hz
	- at 460/480 V rated value 2 hp		
	- at 575/600 V rated value 3 hp		
- at 575/600 V rated value 3 hp		- at 575/600 V rated value	зпр

contact rating of auxiliary contacts according to UL	C300 / R300
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
design of the fuse link	indgriete
<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	Fuse gL/gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)
design of the fuse link for IT network for short-circuit	
protection of the main circuit	
• at 400 V	gL/gG 32 A
• at 500 V	gL/gG 32 A
• at 690 V	gL/gG 25 A
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715
height	97 mm
width	45 mm
depth	97 mm
required spacing	
<ul> <li>for grounded parts at 400 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for live parts at 400 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for grounded parts at 500 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for live parts at 500 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for grounded parts at 690 V</li> </ul>	
— downwards	50 mm
— upwards	50 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
• for live parts at 690 V	
— downwards	50 mm
— upwards	50 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
Connections/ Terminals	
product function removable terminal for auxiliary and control circuit	No
type of electrical connection	
for main current circuit	screw-type terminals
<ul> <li>for auxiliary and control circuit</li> </ul>	screw-type terminals
arrangement of electrical connectors for main current circuit	Top and bottom
type of connectable conductor cross-sections	
for main contacts	
— solid or stranded	2x (0,75 2,5 mm²), 2x 4 mm²

finaly strang	ded with core end pro	cossing	2x (0.5 1.5 mm²), 2x (0.7	$75 - 2.5 \text{ mm}^2$		
<ul> <li>at AWG cables for</li> </ul>		Jeessing	, , ,	75 2.5 mm )		
		tions	2x (18 14), 2x 12			
type of connectable of		tions				
<ul> <li>for auxiliary cont</li> </ul>						
<ul> <li>— solid or stranded</li> <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> )			
-		cessing	2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )			
at AWG cables for auxiliary contacts		2x (20 16), 2x (18 14)				
• tightening torque for main contacts with screw-type terminals		0.8 1.2 N·m				
<ul> <li>tightening torque for auxiliary contacts with screw- type terminals</li> </ul>		0.8 1.2 N·m				
design of screwdriver shaft		Diameter 5 to 6 mm				
size of the screwdrive			Pozidriv 2			
design of the thread of	of the connection so	crew				
<ul> <li>for main contacts</li> </ul>	S		M3			
<ul> <li>of the auxiliary a</li> </ul>	nd control contacts		M3			
Safety related data						
B10 value						
<ul> <li>with high deman</li> </ul>	d rate acc. to SN 319	20	5 000			
proportion of danger						
	d rate acc. to SN 3192	20	50 %			
	d rate acc. to SN 319		50 %			
failure rate [FIT]		20	50 78			
	d rate acc. to SN 3192	20				
		-	50 FIT			
T1 value for proof tes IEC 61508			10 y			
protection class IP or			IP20			
touch protection on t		60529	finger-safe, for vertical con	tact from the front		
display version for swit	tching status		Handle			
Certificates/ approvals	;					
General Product App	proval			For use in hazardo	us locations	
		<b></b>		IFCF	Ē	
(SP)		(UL)	EHC	IECE×	(Ex) ATEX	
			EHC	IECE×	KEX ATEX	
Declaration of Confo	ccc	UL UL	tes	IECEx IECEx Marine / Shipping	ATEX	
	ccc				<b>Ex</b> ATEX	
Declaration of Confo Miscellaneous	ccc ormity EG-Konf.	Test Certificat Special Tes Certificate				
<u>Miscellaneous</u>	CE	Special Tes	<u>t Type Test</u> <u>Certificates/Test</u>		ATEX ATEX	
	CE	Special Tes	<u>t Type Test</u> <u>Certificates/Test</u>		KEEK ATEX	
<u>Miscellaneous</u>	CE	Special Tes	<u>t Type Test</u> <u>Certificates/Test</u>		KEEK ATEX	
<u>Miscellaneous</u>	CE	Special Tes	<u>t Type Test</u> <u>Certificates/Test</u>			
Miscellaneous Marine / Shipping	CE	Special Tes	<u>t Type Test</u> <u>Certificates/Test</u>	Marine / Shipping		
<u>Miscellaneous</u>	CE	Special Tes	<u>t Type Test</u> <u>Certificates/Test</u>	Marine / Shipping		
Miscellaneous Marine / Shipping	CE	Special Tes	<u>t Type Test</u> <u>Certificates/Test</u>	Marine / Shipping		
Miscellaneous Marine / Shipping	CE	Special Tes	<u>t Type Test</u> <u>Certificates/Test</u>	Marine / Shipping		
Miscellaneous Marine / Shipping	C C C EG-Konf.	Special Tes	<u>t Type Test</u> <u>Certificates/Test</u>	Marine / Shipping		
Miscellaneous Marine / Shipping	CE	Special Tes	<u>t Type Test</u> <u>Certificates/Test</u>	Marine / Shipping		



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=3RV2011-1EA15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2011-1EA15

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-1EA15

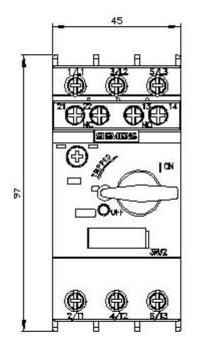
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

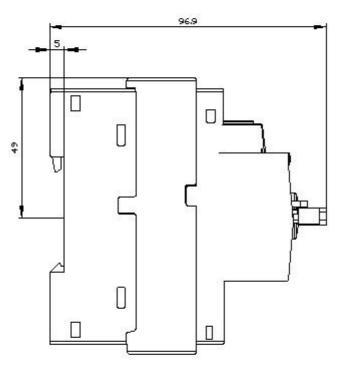
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RV2011-1EA15&lang=en

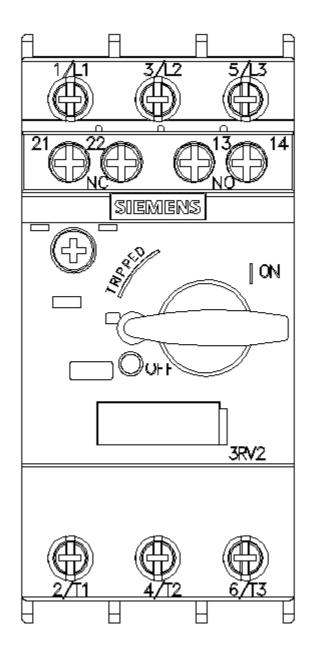
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

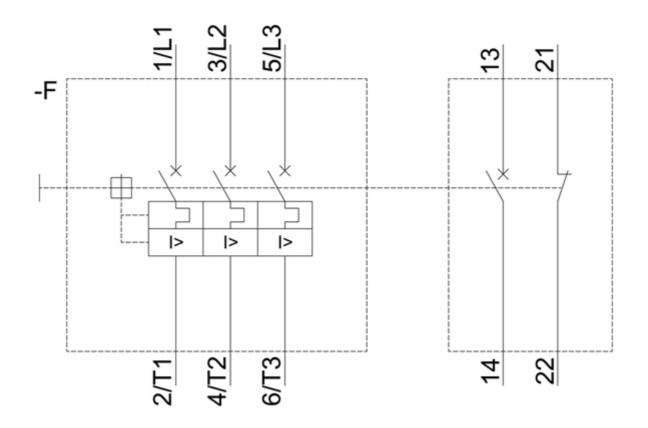
https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-1EA15/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2011-1EA15&objecttype=14&gridview=view1









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