## SIEMENS

## Data sheet

## 3RV2011-0GA10



Circuit breaker size S00 for motor protection, CLASS 10 A-release 0.45...0.63 A N-release 8.2 A screw terminal Standard switching capacity

4/12 6/13	
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>	5.5 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	1.8 W
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
shock resistance according to IEC 60068-2-27	25g / 11 ms
mechanical service life (operating cycles)	
<ul> <li>of the main contacts typical</li> </ul>	100 000
<ul> <li>of auxiliary contacts typical</li> </ul>	100 000
electrical endurance (operating cycles) typical	100 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
SVHC substance name	Lead - 7439-92-1
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
during operation	-20 +60 °C
during storage	-50 +80 °C
<ul> <li>during transport</li> </ul>	-50 +80 °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- dependent overload release	0.45 0.63 A
operating voltage	
rated value	20 690 V
<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
operating frequency rated value	50 60 Hz
operational current rated value	0.63 A
operational current	
• at AC-3 at 400 V rated value	0.63 A

operating power <ul> <li>at 200 V rated value</li> <li>at 200 V rated value</li> <li>at 200 V rated value</li> <li>bt NW</li> <li>bt NW</li></ul>	operating power     at AC3       - at 230 V rated value     0.1 kW       - at 300 V rated value     0.1 kW       - at 600 V rated value     0.3 kW       - at 600 V rated value     0.3 kW       - at 230 V rated value     0.1 kW       - at 300 V rated value     0.3 kW       - at 600 V rated value     0.1 kW       - at 600 V rated value     0.1 kW       - at 600 V rated value     0.3 kW       operating frequency     0.1 kW       - at 600 V rated value     0.3 kW       operating frequency     0.1 kW       - at 600 V rated value     0.3 kW       operating frequency     0.1 kW       - at 600 V rated value     0.3 kW       operating frequency     0.1 kW       - at AC 3e maximum     15 t/h       - at AC 3 maximum     15 t/h       - number of KC contacts for auxiliary contacts     0       - product function     0       - product function     0       - ground fault detection     No       • end AC 3 to 20 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 600 V rated value     10	
• af AC3• af A230 V ride value0 1 WW• af 800 V ride value0 2 WV• af 800 V ride value0 2 WV• af 800 V ride value0 3 WV• af 420 V ride value0 3 WV• af 420 V ride value0 2 WV• af 400 V ride value0 3 WV• af 400 V ride value0 0• af 400 V ride value0• af 400 V ride value100 IA• af 400 V ride value100 IA <td< td=""><td></td><td>00 V rated value 0.63 A</td></td<>		00 V rated value 0.63 A
at 230 V radio value     0.1 WV       at 600 V radio value     0.2 kW       at 600 V radio value     0.3 kW       at 600 V radio value     0.3 kW       at 230 V radio value     0.1 kW       at 230 V radio value     0.2 kW       at 300 V radio value     0.3 kW	- at 230 V rated value     0.1 kW       - at 200 V rated value     0.2 kW       - at 600 V rated value     0.3 kW       • at AC-3e     0.1 kW       - at 230 V rated value     0.1 kW       - at 200 V rated value     0.1 kW       - at 200 V rated value     0.1 kW       - at 600 V rated value     0.2 kW       - at 600 V rated value     0.2 kW       - at 600 V rated value     0.3 kW       oporating frequency     • 1 kF.W       • at AC-3e maximum     15 1/h       • at AC-3 at auxiliary contacts     0       • number of NC contacts for auxiliary contacts     0       • of CO contacts for auxiliary contacts     0       • frideas     CLASS 10       design of the overload release     thermat       maximum short-icruit auriter breaking capacity (Icu)     • at AC at 800 V rated value       • at AC at 400 V rated value     100 kA       • at AC at 800 V rated value     100 kA       • at AC at 800 V rated value     100 kA       • at AC at 800 V rated value     0.63 A<	
- af 400 V rades value0.18 kW- af 500 V rades value0.3 kW- af 400 V rades value0.1 kW- af 400 V rades value0.1 kW- af 400 V rades value0.1 kW- af 400 V rades value0.2 kW- af 400 V rades value0.1 kW- af 400 V rades value100 kA- af 400 V rades value000 kA- af 400 V rades value000 kA <t< td=""><td>- at 400 V rated value 0.18 kW - at 500 V rated value 0.2 kW • at AC-3e - at 230 V rated value 0.3 kW - at 400 V rated value 0.18 kW - at 400 V rated value 0.18 kW - at 500 V rated value 0.2 kW • at AC-3 maximum 15 1/h • at AC-3 maximum 15 1/h</td><td></td></t<>	- at 400 V rated value 0.18 kW - at 500 V rated value 0.2 kW • at AC-3e - at 230 V rated value 0.3 kW - at 400 V rated value 0.18 kW - at 400 V rated value 0.18 kW - at 500 V rated value 0.2 kW • at AC-3 maximum 15 1/h • at AC-3 maximum 15 1/h	
- at S00 V rades value     0.2 kW       - at S00 V rades value     0.3 kW       - at S00 V rades value     0.1 kW       - at S00 V rades value     0.1 kW       - at S00 V rades value     0.2 kW       - at S00 V rades value     0.3 kW       - at S00 V rades value     0.4 kW       - at S00 V rades value     0.3 kW       - at S00 V rades value     100 kA       - at AC at S00 V rades value     100 kA       - at AC at S00 V rades value     100 kA       - at AC at S00 V rade value     100 kA       - at AC at S00 V rades value     100 kA       - at AC at S00 V rades value     0.5 A       - at AC at S	- at 500 V rated value 0.2 kW - at 600 V rated value 0.3 kW - at 230 V rated value 0.1 kW - at 400 V rated value 0.2 kW - at 600 V rated value 0.2 kW - at 600 V rated value 0.3 kW operating frequency • at AC-3 e maximum 15 1.h • at AC-3 to auxiliary contacts 0 • mumber of NC contacts for auxiliary contacts 0 • mumber of CC contacts for auxiliary contacts 0 • rotective and monitoring functions • phase failure detection Yes • trip class CLASS 10 design of the overload release III hermail maximum short-circuit current breaking capacity (lcu) • 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 600 V rated value 100 kA • at 4C ot for V rated value 100 kA • at 4C ot 70 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 0.63 A • at 600 V rated value 0.6	/ rated value 0.1 kW
- af 600 V rade value     0.3 kW       • al 420 V fade value     0.1 kW       - al 400 V rade value     0.1 kW       - al 400 V rade value     0.3 kW       - al 600 V rade value     0.1 kW       - al 600 V rade value     100 kA       - al 600 V rade value     100 kA <t< td=""><td></td><td>/ rated value 0.18 kW</td></t<>		/ rated value 0.18 kW
+ at AC3s     0.1 kW       - at 230 V rated value     0.1 kW       - at 600 V rated value     0.2 kW       - at 600 V rated value     0.3 kW       operating frequency     0.1 km       - at 600 V rated value     0.3 kW       operating frequency     0.1 km       - at 600 V rated value     0.3 kW       operating frequency     0.1 km       - at 600 V rated value     0.3 kW       operating frequency     0.1 km       - at 600 V rated value     0.1 km       - at AC-38 maximum     15 1 h       - at 600 V rated value     0.1 km       - at 600 V rated value     0.1 km       - at 600 Contacts for auxiliary contacts     0       - number of NC contacts for auxiliary contacts     0       - number of NC contacts for auxiliary contacts     0       - number of NC contacts for auxiliary contacts     0       - number of NC contacts for auxiliary contacts     0       - number of NC contacts for auxiliary contacts     0       - number of NC contacts for auxiliary contacts     0       - number of NC contacts for auxiliary contacts     0       - operating atoricited for auxiliary contacts     0       - at 600 V rated value     100 kA       - at 600 V rated value     100 kA       - at Ca 1600 V rated value     100 kA<	• at AC-3e             0.1 KW	/ rated value 0.2 kW
		/ rated value 0.3 kW
- at 400 Y rated value         0.48 kW           - at 500 Y rated value         0.2 kW           - at 500 Y rated value         0.3 kW           operating frequency         if A /A maximum           • at A /A maximum         15 1/h           • at A /A maximum         15 1/h           • at A /A maximum         0           • at A /A dat for auxiliary contacts         0           • at A /A dat for auxiliary contacts         0           • at C /A	at 400 V rated value     0.18 kW       at 600 V rated value     0.2 kW       operating frequency     0.18 kW       • at AC-3 maximum     15 1/h       • at AC-3 maximum     15 1/h       • at AC-3 maximum     15 1/h       • at AC-3 maximum     0       • at AC-3 maximum     0       • number of NC contacts for auxiliary contacts     0       • number of CO contacts for auxiliary contacts     0       • number of CO contacts for auxiliary contacts     0       • riprotective and monitoring functions     0       product function     No       • phase failure detection     Yes       trip class     CLASS 10       design of the overload release     thermal       maximum short-circuit current breaking capacity (leu)     at AC at 240 V rated value       • 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     100 kA       • at 400 V rated value     100 kA       • at 600 V rated value     0.63 A       • at 600 V ra	
	at 500 V rated value     0.2 kW       at 600 V rated value     0.3 kW       operating frequency     15 1/h       • at AC-3 maximum     15 1/h       • at AC-3 maximum     15 1/h       Availary circuit     0       number of NC contacts for auxiliary contacts     0       • O     0       number of NC contacts for auxiliary contacts     0       • O     0       rumber of NC contacts for auxiliary contacts     0       • O     0       • origoin fault detection     No       • phase falue detection     Yes       trip class     CLASS 10       design of the overload release     thermal       maximum short-circuit current breaking capacity (Icu)     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 60 V rated value     100 kA       • at 600 V rated value     100 kA	/ rated value 0.1 kW
		/ rated value 0.18 kW
operating frequency         15 f.h           • at AC3 maximum         0           • unmber of NC contacts for auxiliary contacts         0           • unmber of AC contacts for auxiliary contacts         0           • orgonal fault detection         Yes           • orgonal fault detection         Yes           • orgonal fault detection         Yes           • at AC3 faults data 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 400 V rated value         00 kA           • at 400 V rated value         00 kA	eit AC-3 maximum       15 1/h         eit AC-3 maximum       15 1/h         Auxiliary circuit       15 1/h         number of NC contacts for auxiliary contacts       0         •       0         number of NC contacts for auxiliary contacts       0         •       0         number of CO contacts for auxiliary contacts       0         Protective and monitoring functions       0         product function       No         • phase failure detection       Yes         trip class       CLASS 10         design of the overload release       Ihermal         maximum short-ficule current breaking capacity (Icu)       •         • at AC at 240 V rated value       100 IA         • at AC at 400 V rated value       100 IA         • at AC at 400 V rated value       100 IA         • at AC at 600 V rated value       100 IA         • at AC at 600 V rated value       100 IA         • at 420 V rated value       00 IA         • at 620 V rated value       0.63 A         • at 63	/ rated value 0.2 kW
• et AC-3 maximum     15 th       • AC-36 maximum     15 th       • AC-36 maximum     15 th       Axullary contacts     0       number of NC contacts for auxiliary contacts     0       • O     0       number of NC contacts for auxiliary contacts     0       • O     0       number of CO contacts for auxiliary contacts     0       • orgound fault detection     0       • orgound fault detection     No       • orgound fault detection     Yes       • orgound fault detection     Yes       • orgound fault detection     No       • orgound fault detection     No       • orgound fault detection     Yes       • orgound fault detection     Yes       • orgound fault detection     No       • orgound fault detection     No       • orgound fault detection     Yes       • orgound fault detection     No       • at AC at 500 V rated value     100 kA       • at AC 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     0.63 A <t< td=""><td>• at AC-3 maximum         15 1/h           • at AC-3 maximum         15 1/h           Axiillary cloait         0           number of NC contacts for auxiliary contacts         0           •         0           number of NO contacts for auxiliary contacts         0           •         0           number of CO contacts for auxiliary contacts         0           •         0           product function         0           •         0           •         0           •         0           •         0           product function         No           •         rip class           •         CLASS 10           design of the overload release         thermal           maximum short-circuit current breaking capacity (lcu)         •           • at AC at 400 V rated value         100 kA           • at AC at 560 V rated value         100 kA           • at AC at 60 V rated value         100 kA           • at 40 V rated value         100 kA           • at 40 V rated value         100 kA           • at 600 V rated value         0.63 A           • at 600 V rated value         0.63 A           • at 600 V rated value<td>/ rated value 0.3 kW</td></td></t<>	• at AC-3 maximum         15 1/h           • at AC-3 maximum         15 1/h           Axiillary cloait         0           number of NC contacts for auxiliary contacts         0           •         0           number of NO contacts for auxiliary contacts         0           •         0           number of CO contacts for auxiliary contacts         0           •         0           product function         0           •         0           •         0           •         0           •         0           product function         No           •         rip class           •         CLASS 10           design of the overload release         thermal           maximum short-circuit current breaking capacity (lcu)         •           • at AC at 400 V rated value         100 kA           • at AC at 560 V rated value         100 kA           • at AC at 60 V rated value         100 kA           • at 40 V rated value         100 kA           • at 40 V rated value         100 kA           • at 600 V rated value         0.63 A           • at 600 V rated value         0.63 A           • at 600 V rated value <td>/ rated value 0.3 kW</td>	/ rated value 0.3 kW
+ at AC-3e maximum         15 1/h           Auxiliary circuit         -           - •         0           number of NC contacts for auxiliary contacts         0           - •         0           number of NC contacts for auxiliary contacts         0           - •         0           number of NO contacts for auxiliary contacts         0           - •         0           - •         0           - •         0           - •         0           - •         0           - •         0           - •         0           - •         0           - •         0           - •         0           - •         100 kA	• at AC-3e maximum       15 1/h         Auxiliary cortacts       0         number of NO contacts for auxiliary contacts       0         •       0         number of CO contacts for auxiliary contacts       0         •       0         number of CO contacts for auxiliary contacts       0         •       100 kA         • <t< td=""><td>y .</td></t<>	y .
Auxiliary circuit       0         number of NC contacts for auxiliary contacts       0         number of CO contacts for auxiliary contacts       0         number of CO contacts for auxiliary contacts       0         runder of CO contacts for auxiliary contacts       0         product function       0         • ground fault detection       Yes         optication       Yes         design of the overload release       thermal         maximum short-circuit current breaking capacity (icu)       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 600 V rated value       100 kA         • at AC at 600 V rated value       100 kA         • at AC at 600 V rated value       100 kA         • at 200 V rated value       100 kA         • at 400 V rated value       100 kA         • at 400 V rated value       100 kA         • at 800 V rated value       100 kA         • at 800 V rated value       0.83 A         • at 800 V r	Auxillary circuit         0           number of NC contacts for auxiliary contacts         0           •         0           number of NO contacts for auxiliary contacts         0           •         0           number of CO contacts for auxiliary contacts         0           Protective and monitoring functions         0           product function         No           •         0           •         0           •         0           •         0           •         0           •         0           •         0           •         0           •         0           •         operating short-circuit current breaking capacity (Icu)           •         •1 AC at 400 V rated value         100 kA           • at AC at 400 V rated value         100 kA         100 kA           • at AC at 500 V rated value         100 kA         100 kA           • at 400 V rated value         100 kA         100 kA           • at 400 V rated value         100 kA         100 kA           • at 600 V rated value         0.63 A         0.63 A           • at 600 V rated value         0.63 A         0.63 A	num 15 1/h
number of NC contacts for auxiliary contacts     0       •     0       number of NO contacts for auxiliary contacts     0       •     0       number of CO contacts for auxiliary contacts     0       Product function     0       • ground fault detection     No       • phase faulter detection     Yes       design of the overload release     thermal       maximum short-circuit current breaking capacity (icu)     • at AC at 400 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 400 V rated value     100 kA       • at AC at 90 V rated value     100 kA       • at 800 V rated value     0.63 A       Short-circuit protection     Yes       design of the short-kricuit protection     Yes       design of the short-kricuit protection     Yes       design of the short hore whort for short-circuit protection     Yes	number of NC contacts for auxiliary contacts     0       number of NO contacts for auxiliary contacts     0       number of CO contacts for auxiliary contacts     0       Protective and monitoring functions     0       product function     Yes       etrip class     CLASS 10       design of the overload release     thermal       maximum short-circuit current breaking capacity (Icu)     100 kA       et A C at 240 V rated value     100 kA       et A C at 400 V rated value     100 kA       et A C at 400 V rated value     100 kA       et A C at 400 V rated value     100 kA       et A C at 400 V rated value     100 kA       et A C at 400 V rated value     100 kA       et A C at 400 V rated value     100 kA       et A C at 400 V rated value     100 kA       et A C at 400 V rated value     100 kA       et A C at 400 V rated value     100 kA       et A C at 400 V rated value     100 kA       et A C at 400 V rated value     100 kA       et A C at 400 V rated value     100 kA       et A C O V rated value     100 kA       et A C O V rated value     0.63 A       et A C O V rated value     0.63 A       et A C O V rated value     0.63 A       et A C O V rated value     0.63 A       et A C O V rated value     0	imum 15 1/h
•     0       number of NO contacts for auxiliary contacts     0       number of CO contacts for auxiliary contacts     0       Protective and monitoring functions     0       • ground fault detection     No       • phase failure detection     Yes       • tip class     CLASS 10       design of the overlead roless     thermal       maximum short-circuit current breaking capacity (fcu)     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 500 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     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     100 kA       • at 240 V rated value     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     063 A       • at 600 V rated value     0.63 A       • at 600 V rated value     0.63 A       • at 600 V rated value     0.63 A       • at 600		
number of NO contacts for auxiliary contacts     0       •     0       number of CO contacts for auxiliary contacts     0       Protective and monitoring functions     0       Protective and monitoring functions     0       regund fault detection     Yes       • ergund fault detection     Yes       trip class     CLASS 10       design of the overload release     thermal       maximum short-circuit current breaking capacity (Icu)     • at AC at 240 V rated value       • at AC at 260 V rated value     100 kA       • at AC at 500 V rated value     100 kA       • at AC at 500 V rated value     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 800 V rated value     0.63 A       • at 800 V rated value     0.63 A       • at 800 V rated value     0.63 A       • at 600 V rated value     0.63 A       • at 600 V rated value	number of NO contacts for auxiliary contacts     0       number of CO contacts for auxiliary contacts     0       Protective and monitoring functions     0       product function     No       • probase failure detection     Yes       trip class     CLASS 10       design of the overload release     thermail       maximum short-circuit current breaking capacity (Icu)     100 kA       • at AC at 240 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     100 kA       • at 240 V rated value     100 kA       • at 240 V rated value     100 kA       • at 400 V rated value     0.63 A       • at 600 V rated value     0.63 A       • at 600 V rated value     0.63 A       • at 600 V rated value     0.63 A       • at 800 V <td< td=""><td>acts for auxiliary contacts</td></td<>	acts for auxiliary contacts
•         0           number of CO contacts for auxiliary contacts         0           Protective and monitoring functions         •           product function         No           • ground fault detection         Yes           trip class         CLASS 10           design of the overload release         thermail           maximum short-circuit current breaking capacity (Icu)         •           • at AC at 240 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 500 V rated value         100 kA           • at AC at 500 V rated value         100 kA           • at AC at 900 V rated value         100 kA           • at 400 V rated value         100 kA           • at 500 V rated value         100 kA           • at 500 V rated value         100 kA           • at 600 V rated value         100 kA           • at 600 V rated value         0.63 A           • at 600 V rated value         0.63 A     <	•     0       number of CO contacts for auxiliary contacts     0       Protective and monitoring functions     •       product function     •       • ground fault detection     Yes       • trip class     CLASS 10       design of the overload release     thermal       maximum short-circuit current breaking capacity (Icu)     •       • at AC at 240 V trated value     100 kA       • at AC at 400 V trated value     100 kA       • at AC at 650 V trated value     100 kA       • at AC at 650 V trated value     100 kA       • at AC at 650 V trated value     100 kA       • at 240 V rated value     100 kA       • at 240 V rated value     100 kA       • at 450 V rated value     100 kA       • at 640 V rated value     0.63 A	0
number of CO contacts for auxiliary contacts     0       Protective and monitoring functions       product function       • ground fault detection       • tip class       CLASS 10       design of the overload release       thermal       maximum short-circuit current breaking capacity (lcu)       • at AC at 200 V rated value       • at AC at 200 V rated value       • at AC at 600 V rated value       • at AC at 600 V rated value       • optacting short-circuit current breaking capacity (lcs) at AC       • at AC at 600 V rated value       • at 200 V rated value       • at 200 V rated value       • at 200 V rated value       • at 600 V rated value <td>number of CO contacts for auxiliary contacts     0       Protective and monitoring functions       product function       • ground fault detection       • phase failure detection       Yes       trip class       CLASS 10       design of the overload release       maximum short-circuit current breaking capacity (Icu)       • 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 AC at 600 V rated value       100 kA       • at AC at 600 V rated value       100 kA       • at 240 V rated value       100 kA       • at 400 V rated value       100 kA       • at 500 V rated value       100 kA       • at 600 V rated value       100 kA       • at 800 V rated value       100 kA       • at 800 V rated value       0.63 A       • at 600 V rated value       0.63 A</td> <td>icts for auxiliary contacts</td>	number of CO contacts for auxiliary contacts     0       Protective and monitoring functions       product function       • ground fault detection       • phase failure detection       Yes       trip class       CLASS 10       design of the overload release       maximum short-circuit current breaking capacity (Icu)       • 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 AC at 600 V rated value       100 kA       • at AC at 600 V rated value       100 kA       • at 240 V rated value       100 kA       • at 400 V rated value       100 kA       • at 500 V rated value       100 kA       • at 600 V rated value       100 kA       • at 800 V rated value       100 kA       • at 800 V rated value       0.63 A       • at 600 V rated value       0.63 A	icts for auxiliary contacts
Protective and monitoring functions         product function         o ground fault detection         v phase failure detection         Yes         CLASS 10         design of the overload release         Imaximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         100 KA         • at AC at 400 V rated value         • at AC at 500 V rated value         100 KA         • at AC at 630 V rated value         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         0.63 A         0.63 A         0.63 A         0.63 A         Short-circuit protection         Yes         design of the fort If network for short-circuit protection         Yes         design of the fuse link for IT	Protective and monitoring functions           product function         viground fault detection           • ground fault detection         Yes           trip class         CLASS 10           design of the overload release         thermal           maximum short-circuit current breaking capacity (lcu)         •           • at AC at 240 V rated value         100 kA           • at AC at 500 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         100 kA           • at AC 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         0.63 A           full-load current (FLA) for 3-phase AC motor         •           • at 400 V rated value         0.63 A           Short-circuit protection         Yes           design of the short-circuit trip         magnetic           design of the short-circuit trip         magnetic           design of the	0
product function     No       • ground fault detection     No       • phase failure detection     Yes       trip class     CLASS 10       design of the overload release     thermal       maximum short-circuit current breaking capacity (Icu)     • at AC at 240 V rated value       • at AC at 240 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 240 V rated value     100 kA       • at 240 V rated value     100 kA       • at 240 V rated value     100 kA       • at 400 V rated value     100 kA       • at 600 V rated value     0.63 A	product function         No           • ground fault detection         No           • phase failure detection         Yes           trip class         CLASS 10           design of the overload release         thermal           maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value           • 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         100 kA           • at AC at 600 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 400 V rated value         0.63 A           • at 800 V rated value         0.63 A           • at 800 V rated value         0.63 A           • at 800 V rated value         0.63 A           • at 600 V rated value         0.63 A           • at 600 V rated value         0.63 A           • at 600 V rated value         0.63 A <td></td>	
	<ul> <li>ground fault detection</li> <li>phase failure detection</li> <li>yes</li> <li>trip class</li> <li>CLASS 10</li> <li>design of the overload release</li> <li>thermal</li> <li>maximum short-circuit current breaking capacity (Icu)         <ul> <li>at AC at 240 V rated value</li> <li>100 kA</li> <li>at AC at 500 V rated value</li> <li>100 kA</li> <li>at AC at 600 V rated value</li> <li>100 kA</li> </ul> </li> <li>at AC at 600 V rated value</li> <li>100 kA</li> <li>operating short-circuit current breaking capacity (Ics) at AC</li> <li>at AC at 600 V rated value</li> <li>100 kA</li> </ul> <li>at AC at 400 V rated value</li> <li>100 kA</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 500 V rated value</li> <li>100 kA</li> <li>at 600 V rated value</li> <li>100 kA</li> <li>at 600 V rated value</li> <li>0.63 A</li> <li>at 480 V rated value</li> <li>0.63 A</li> <li>at 600 V</li> <li>gL/gG 6 A</li> <li>Installation/ mounting / dimensions</li> <li>mounting position</li> <li>any</li> <li>fastening method</li> <li>screw and snap-on mounting onto 35 mm Dil height</li> <li>97 mm</li> <li>with side-by-side mounting at the side</li> <li>0 mm</li> <li>for grounded parts at 4</li>	toring functions
• phase failure detection     Yes       trip class     CLASS 10       design of the overload release     thermal       maximum short-circuit current breaking capacity (tcu)     100 kA       • at AC at 240 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 650 V rated value     100 kA       • at AC at 650 V rated value     100 kA       • at AC at 650 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     0.63 A       • at 600 V rated value     0.63 A       • at 600 V rated value     0.63 A       Short-circuit protection     Yes       design of the fuse link for IT network for short-circuit protection     Yes       design of the fuse link for IT network for short-circuit protection     Serve and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715       hortding position     any       fastening method     screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715		
trip class       CLASS 10         design of the overload release       thermal         maximum short-circuit current breaking capacity (Icu)       100 KA         • at AC at 240 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 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 400 V rated value       100 KA         • at 400 V rated value       100 KA         • at 500 V rated value       100 KA         • at 600 V rated value       100 KA         • at 600 V rated value       0.63 A         • at 600 V       gL/gG 6 A         Installation/ mounting/ dimensions       mounti	trip class       CLASS 10         design of the overload release       thermal         maximum short-circuit current breaking capacity (Icu)       00 kA         • at AC at 240 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 600 V rated value       100 kA         • at AC of 690 V rated value       100 kA         • at 240 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 600 V rated value       0.63 A         • at 600 V       gL/gG 6 A	letection No
design of the overload release     thermal       maximum short-circuit current breaking capacity (Icu)     100 kA       • at AC at 240 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       • operating short-circuit current breaking capacity (Ics) at AC     • at 240 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 500 V rated value     100 kA       • at 600 V rated value     00 kA       • at 600 V rated value     0.63 A       • at 600 V     gugG 6 A       In	design of the overload release       thermal         maximum short-circuit current breaking capacity (Icu)       i at AC at 240 V rated value         i at AC at 240 V rated value       100 kA         i at AC at 500 V rated value       100 kA         i at AC at 260 V rated value       100 kA         i at AC at 690 V rated value       100 kA         i at AC at 200 V rated value       100 kA         i at 400 V rated value       100 kA         i at 600 V rated value       0.63 A <b>UL/CSA ratings</b>	detection Yes
maximum short-circuit current breaking capacity (Icu)     100 kA       • at AC at 240 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 400 V rated value     100 kA       • at 240 V rated value     100 kA       • at 240 V rated value     100 kA       • at 400 V rated value     100 kA       • at 400 V rated value     100 kA       • at 600 V rated value     0.63 A       • at 480 V rated value     0.63 A       • at 600 V     gL/gG 6 A       Ibatalation mounting of the fuest ink for 1 network for short-circuit protection       fastening method     screw and snap-on mounting onto 35 mm DIN rail according to DIN	maximum short-circuit current breaking capacity (Icu) <ul> <li>at AC at 240 V rated value</li> <li>at AC at 240 V rated value</li> <li>at AC at 500 V rated value</li> <li>at AC at 680 V rated value</li> <li>100 kA</li> </ul> e at AC at 690 V rated value         100 kA           operating short-circuit current breaking capacity (Ics) at AC <ul> <li>at AC at 690 V rated value</li> <li>100 kA</li> <li>at 400 V rated value</li> <li>100 kA</li> <li>at 400 V rated value</li> <li>100 kA</li> <li>at 690 V rated value</li> <li>100 kA</li> </ul> e at 240 V rated value         100 kA           e at 400 V rated value         100 kA           e at 690 V rated value         100 kA           response value current of instantaneous short-circuit trip unit         8.2 A           UL/CSA ratings             full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>0.63 A</li> <li>at 600 V rated value</li> <li>0.63 A</li> </ul> brot-circuit protection         Yes           design of the short-circuit trip <ld>design of the fuse link for IT network for short-circuit protection for the main circuit <li>at 690 V</li> <li>gL/gG 6 A</li>             Installatio</ld>	CLASS 10
• 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     100 kA       • at AC at 690 V rated value     100 kA       operating short-circuit current breaking capacity (ics) at AC     100 kA       • at 240 V rated value     100 kA       • at 240 V rated value     100 kA       • at 800 V rated value     100 kA       • at 600 V rated value     100 kA       response value current of instantaneous short-circuit trip unit     8.2 A       UL/CSA ratings     100 kA       full-load current (FLA) for 3-phase AC motor     6.63 A       • at 600 V rated value     0.63 A       Short-circuit protection     Yes       design of the short-circuit trip     magnetic       design of the short-circuit trip     magnetic       design of the fuse link for IT network for short-circuit protection     Yes       mounting position     any       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715       height     97 mm       width     45 mm       depth     97 mm       • or grounded parts at 400 V     0 mm       • or grounded parts at 400 V	<ul> <li>at AC at 240 V rated value</li> <li>at AC at 400 V rated value</li> <li>at AC at 600 V rated value</li> <li>at 240 V rated value</li> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 600 V rated value</li> <li>at 480 V rated value</li> <li>at 600 V</li> <li>gL/gG 6 A</li> <li>Installation mounting / dimensions</li> <li>mounting position</li> <li>any</li> <li>fastening method</li> <li>screw and snap-on mounting onto 35 mm Dil</li> <li>height</li> <li>97 mm</li> <li>width</li> <li>depth</li> <li>97 mm</li> <li>width</li> <li>depth</li> <li>97 mm</li> <li>at 400 V</li> <!--</td--><td>oad release thermal</td></ul>	oad release thermal
• at AC at 400 V rated value     100 kA       • at AC at 500 V rated value     100 kA       • at AC at 680 V rated value     100 kA       operating short-circuit current breaking capacity (ics) at AC     100 kA       • at 240 V rated value     100 kA       • at 400 V rated value     100 kA       • at 680 V rated value     100 kA       • at 690 V rated value     100 kA       • at 690 V rated value     100 kA       • at 690 V rated value     100 kA       response value current of instantaneous short-circuit trip unit     8.2 A       UL/CSA ratings     6.63 A       • at 600 V rated value     0.63 A       • at 690 V rated value     0.63 A       • at 690 V     gL/gG 6 A       Installation/ mounting/ dimensions     magnetic       • at 690 V     gL/gG 6 A       Installation/ mounting/ dimensions     any       fastening method </td <td>• 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 240 V rated value       100 kA         • at 400 V rated value       100 kA         • at 400 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       0.63 A         • at 600 V       gL/gG 6 A         Installation/ mounting/ dimensions       mounting position         • at 690 V       gL/gG 6 A         Installation/ mounting at the side       97 mm</td> <td>cuit current breaking capacity (Icu)</td>	• 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 240 V rated value       100 kA         • at 400 V rated value       100 kA         • at 400 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       0.63 A         • at 600 V       gL/gG 6 A         Installation/ mounting/ dimensions       mounting position         • at 690 V       gL/gG 6 A         Installation/ mounting at the side       97 mm	cuit current breaking capacity (Icu)
• at AC at 500 V rated value     100 kA       • at AC at 690 V rated value     100 kA       operating short-circuit current breaking capacity (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 500 V rated value     100 kA       • at 690 V rated value     0.63 A       • at 480 V rated value     0.63 A       • at 600 V     gU/gG 6 A <td< td=""><td>• at AC at 500 V rated value       100 kA         • at AC at 690 V rated value       100 kA         operating short-circuit current breaking capacity (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         response value current of instantaneous short-circuit trip unit       8.2 A         UL/CSA ratings       0.63 A         full-load current (FLA) for 3-phase AC motor       0.63 A         • at 480 V rated value       0.63 A         • at 600 V rated value       0.63 A         • at 600 V rated value       0.63 A         • at 600 V rated value       0.63 A         brot-circuit protection       Yes         design of the short-circuit trip       magnetic         design of the slow of circuit protection       Yes         mounting position       any         fastening method       screw and snap-on mounting onto 35 mm Dil         height       97 mm         width       45 mm         depth       97 mm         • with side-by-side m</td><td>V rated value 100 kA</td></td<>	• at AC at 500 V rated value       100 kA         • at AC at 690 V rated value       100 kA         operating short-circuit current breaking capacity (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         response value current of instantaneous short-circuit trip unit       8.2 A         UL/CSA ratings       0.63 A         full-load current (FLA) for 3-phase AC motor       0.63 A         • at 480 V rated value       0.63 A         • at 600 V rated value       0.63 A         • at 600 V rated value       0.63 A         • at 600 V rated value       0.63 A         brot-circuit protection       Yes         design of the short-circuit trip       magnetic         design of the slow of circuit protection       Yes         mounting position       any         fastening method       screw and snap-on mounting onto 35 mm Dil         height       97 mm         width       45 mm         depth       97 mm         • with side-by-side m	V rated value 100 kA
eat AC at 630 V rated value     100 kA       operating short-circuit current breaking capacity (Ics) at AC     100 kA       • 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 690 V rated value     100 kA       • at 690 V rated value     100 kA       response value current of instantaneous short-circuit trip unit     8.2 A <b>UL/CSA ratings UL/CSA ratings</b> full-load current (FLA) for 3-phase AC motor     6.63 A       • at 480 V rated value     0.63 A       • at 680 V rated value     0.63 A <b>Short-circuit protection</b> Yes       design of the fuse link for IT network for short-circuit protection of the main circuit     magnetic       • at 690 V     gL/gG 6 A       Installation/ mounting dimensions     any       mounting position     any       fastening method     screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715       height     97 mm       width     45 mm       depth     97 mm       • of or	e at AC at 690 V rated value     100 kA       operating short-circuit current breaking capacity (Ics) at AC     100 kA       • at 240 V rated value     100 kA       • at 400 V rated value     100 kA       • at 500 V rated value     100 kA       • at 500 V rated value     100 kA       • at 690 V rated value     100 kA       response value current of instantaneous short-circuit trip unit     8.2 A       UL/CSA ratings     100 kA       full-load current (FLA) for 3-phase AC motor     0.63 A       • at 800 V rated value     0.63 A       • at 600 V rated value     0.63 A       • at 600 V rated value     0.63 A       short-circuit protection     Yes       product function short circuit protection     Yes       design of the fuse link for IT network for short-circuit     magnetic       design of the fuse link for IT network for short-circuit     magnetic       i 6490 V     gL/gG 6 A       Installation/ mounting/ dimensions     any       mounting position     screw and snap-on mounting onto 35 mm Dil       height     97 mm       width     45 mm       depth     97 mm       • with side-by-side m	V rated value 100 kA
operating short-circuit current breaking capacity (Ics) at AC       100 kA         • 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 690 V rated value       100 kA         • at 690 V rated value       100 kA         response value current of instantaneous short-circuit trip unit       8.2 A         UL/CSA ratings       0.63 A         uit load current (FLA) for 3-phase AC motor       0.63 A         • at 460 V rated value       0.63 A         Short-circuit protection       Yes         design of the short-circuit trip network for short-circuit protection       Yes         design of the fuse link for IT network for short-circuit protection of the main circuit       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       97 mm         width       45 mm         depth       97 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       0 mm         • drog rounded parts at 400 V       30 mm	operating short-circuit current breaking capacity (Ics) at AC         100 kA           • at 240 V rated value         100 kA           • at 400 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           response value current of instantaneous short-circuit trip unit         8.2 A           UL/CSA ratings	V rated value 100 kA
• at 240 V rated value100 kA• at 400 V rated value100 kA• at 500 V rated value100 kA• at 690 V rated value100 kAresponse value current of instantaneous short-circuit trip unit8.2 AULCSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value0.63 A• at 480 V rated value0.63 A• at 480 V rated value0.63 A• at 600 V rated value0.63 Afurtion short circuit protectionYesrectircuit protection of the main circuitmagneticdesign of the fuse link for IT network for short-circuit protection of the main circuitgL/gG 6 Ahstallation/mounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715height97 mmwidth45 mmdepth97 mmrequired spacing0 mm• with side-by-side mounting at the side0 mm• for grounded parts at 400 V- downwards- downwards30 mm	• 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         response value current of instantaneous short-circuit trip unit       8.2 A         UL/CSA ratings         full-load current (FLA) for 3-phase AC motor       6.63 A         • at 480 V rated value       0.63 A         • at 600 V rated value       0.63 A         • at 600 V rated value       0.63 A         short-circuit protection       Yes         design of the short-circuit trip       magnetic         design of the fuse link for IT network for short-circuit protection of the main circuit       gL/gG 6 A         Installation/ mounting/ dimensions       any         fastening method       screw and snap-on mounting onto 35 mm Dil         height       97 mm         width       45 mm         depth       97 mm         indepth       97 mm         indig opsition       any         fastening method       screw and snap-on mounting onto 35 mm Dil         height       97 mm         indepth       97 mm         indig opsition       any         in digeth       97 mm <tr< td=""><td>V rated value 100 kA</td></tr<>	V rated value 100 kA
• at 400 V rated value100 kA• at 500 V rated value100 kA• at 690 V rated value100 kAresponse value current of instantaneous short-circuit trip unit8.2 AUL/CSA ratings0.63 Afull-load current (FLA) for 3-phase AC motor0.63 A• at 480 V rated value0.63 A• at 600 V rated value0.63 AShort-circuit protectionYesdesign of the short-circuit tripmagneticdesign of the fuse link for IT network for short-circuitmagnetic• at 690 VgL/gG 6 AInstallation/ mounting/ dimensionsanyfastening methodscrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715height97 mmwidth45 mmdepth97 mm• with side-by-side mounting at the side0 mm• for grounded parts at 400 V0 mm- downwards30 mm	<ul> <li>et 400 V rated value</li> <li>et 500 V rated value</li> <li>100 kA</li> <li>et 690 V rated value</li> <li>100 kA</li> <li>et 690 V rated value</li> <li>100 kA</li> <li>response value current of instantaneous short-circuit trip unit</li> <li>8.2 A</li> <li>UL/CSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor         <ul> <li>et 480 V rated value</li> <li>0.63 A</li> <li>et 600 V rated value</li> <li>0.63 A</li> </ul> </li> <li>stat 800 V rated value</li> <li>0.63 A</li> <li>et 600 V rated value</li> <li>0.63 A</li> <li>station short circuit protection</li> <li>product function short circuit trip</li> <li>magnetic</li> <li>design of the short-circuit trip</li> <li>magnetic</li> <li>design of the fuse link for IT network for short-circuit</li> <li>protection of the main circuit</li> <li>et 690 V</li> <li>gL/gG 6 A</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>any</li> <li>fastening method</li> <li>screw and snap-on mounting onto 35 mm DII</li> <li>height</li> <li>97 mm</li> <li>width</li> <li>45 mm</li> <li>depth</li> <li>97 mm</li> <li>index stat 400 V</li> <li>- downwards</li> <li>- downwards</li> <li>- upwards</li> <li>30 mm</li> <li>- upwards</li> <li>- at the side</li> <li>9 mm</li> </ul>	cuit current breaking capacity (Ics) at AC
• at 500 V rated value100 kA• at 690 V rated value100 kAresponse value current of instantaneous short-circuit trip unit8.2 AUUCSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value0.63 A• at 600 V rated value0.63 A• at 600 V rated value0.63 AShort-circuit protectionproduct function short circuit protectiongleign of the short-circuit tripmagneticdesign of the short-circuit tripgl/gG 6 AInstallation/ mounting/ dimensionsmounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715height97 mmwidth45 mmdepth97 mm• with side-by-side mounting at the side0 mm• for grounded parts at 400 V0 mm- downwards30 mm	<ul> <li>at 500 V rated value</li> <li>100 kA</li> <li>at 690 V rated value</li> <li>100 kA</li> <li>response value current of instantaneous short-circuit trip unit</li> <li>8.2 A</li> <li>UL/CSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor         <ul> <li>at 480 V rated value</li> <li>0.63 A</li> <li>at 600 V rated value</li> <li>0.63 A</li> <li>at 600 V rated value</li> <li>0.63 A</li> </ul> </li> <li>Short-circuit protection         <ul> <li>product function short circuit protection</li> <li>Yes</li> <li>design of the short-circuit trip</li> <li>magnetic</li> <li>design of the fuse link for IT network for short-circuit protection of the main circuit             <ul> <li>at 690 V</li> <li>gL/gG 6 A</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>any</li> <li>fastening method</li> <li>screw and snap-on mounting onto 35 mm DII</li> <li>height</li> <li>97 mm</li> <li>width</li> <li>45 mm</li> <li>depth</li> <li>97 mm</li> <li>width</li> <li>45 mm</li> <li>ourwards</li> <li>30 mm</li> <li>- upwards</li> <li>30 mm</li> <li>- at the side</li> </ul> </li> </ul></li></ul>	d value 100 kA
• at 690 V rated value100 kAresponse value current of instantaneous short-circuit trip unit8.2 AUUCSA ratingsfull-load current (FLA) for 3-phase AC motor • at 480 V rated value0.63 A• at 480 V rated value0.63 A• at 600 V rated value0.63 AShort-circuit protectionYesdesign of the short-circuit tripmagneticdesign of the short-circuit tripgL/gG 6 AInstallation/ mounting/ dimensionsanyfastening methodscrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715height97 mmwidth45 mmdepth97 mm• with side-by-side mounting at the side0 mm• for grounded parts at 400 V — downwards30 mm	• at 690 V rated value       100 kA         response value current of instantaneous short-circuit trip unit       8.2 A         UL/CSA ratings	d value 100 kA
response value current of instantaneous short-circuit trip unit       8.2 A         UL/CSA ratings       full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>0.63 A</li> <li>at 600 V rated value</li> <li>0.63 A</li> </ul> <li>Short-circuit protection</li> <li>product function short circuit protection</li> <li>Yes</li> <li>design of the short-circuit protection for the fuse link for IT network for short-circuit protection of the fuse link for I</li>	response value current of instantaneous short-circuit trip unit       8.2 A         UL/CSA ratings         full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>0.63 A</li> <li>bort-circuit protection</li> </ul> product function short circuit protection         Yes           design of the short-circuit trip         magnetic           design of the fuse link for IT network for short-circuit protection of the main circuit         at 690 V           i at 690 V         gL/gG 6 A           Installation/ mounting/ dimensions         any           fastening method         screw and snap-on mounting onto 35 mm Dil           height         97 mm           width         45 mm           depth         97 mm           width         45 mm           depth         97 mm	d value 100 kA
UL/CSA ratings         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       0.63 A         • at 600 V rated value       0.63 A         Short-circuit protection       Yes         design of the short-circuit trip       magnetic         design of the short-circuit trip       magnetic         design of the short-circuit trip       magnetic         design of the fuse link for IT network for short-circuit protection       yes         i e ta 690 V       gL/gG 6 A         Installation/ mounting/ dimensions       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       97 mm         width       45 mm         depth       97 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm	UL/CSA ratings         full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>0.63 A</li> <li>63 A</li> </ul> • at 600 V rated value         0.63 A           Short-circuit protection         Yes           product function short circuit protection         Yes           design of the short-circuit trip         magnetic           design of the short-circuit trip         magnetic           design of the fuse link for IT network for short-circuit protection of the main circuit <ul> <li>at 690 V</li> <li>gL/gG 6 A</li> </ul> Installation/ mounting/ dimensions         any           fastening method         screw and snap-on mounting onto 35 mm Dill           height         97 mm           width         45 mm           depth         97 mm           required spacing         0 mm           • with side-by-side mounting at the side         0 mm           • for grounded parts at 400 V         30 mm           — upwards         30 mm           — at the side         9 mm	d value 100 kA
full-load current (FLA) for 3-phase AC motor       0.63 A         • at 480 V rated value       0.63 A         • at 600 V rated value       0.63 A         Short-circuit protection       Yes         design of the short-circuit trip       magnetic         design of the short-circuit trip       gl/gG 6 A         Installation/ mounting/ dimensions       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       97 mm         width       45 mm         depth       97 mm         width       45 mm         of prounded parts at 400 V       0 mm         - downwards       30 mm	full-load current (FLA) for 3-phase AC motor       0.63 A         • at 480 V rated value       0.63 A         • at 600 V rated value       0.63 A         Short-circuit protection       Yes         product function short circuit protection       Yes         design of the short-circuit trip       magnetic         design of the fuse link for IT network for short-circuit protection of the main circuit       • at 690 V         design of the fuse link for IT network for short-circuit protection of the main circuit       • at 690 V         fastening position       any         fastening method       screw and snap-on mounting onto 35 mm Dll         height       97 mm         width       45 mm         depth       97 mm         required spacing       0 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       -         — downwards       30 mm         — upwards       90 mm	ent of instantaneous short-circuit trip unit 8.2 A
• at 480 V rated value       0.63 A         • at 600 V rated value       0.63 A         Short-circuit protection       Yes         design of the short-circuit trip       magnetic         design of the fuse link for IT network for short-circuit protection of the main circuit       gL/gG 6 A         Installation/ mounting/ dimensions       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       97 mm         width       45 mm         depth       97 mm         required spacing       0 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm	• at 480 V rated value       0.63 A         • at 600 V rated value       0.63 A         Short-circuit protection       Yes         product function short circuit protection       Yes         design of the short-circuit trip       magnetic         design of the short-circuit protection of the main circuit       yes         of the short-circuit trip       magnetic         design of the short-circuit       gL/gG 6 A         Installation/ mounting/ dimensions       any         fastening method       screw and snap-on mounting onto 35 mm DII         height       97 mm         width       45 mm         depth       97 mm         required spacing       0 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm         - upwards       30 mm         - at the side       9 mm	
• at 600 V rated value     0.63 A       Short-circuit protection     Yes       product function short circuit protection     Yes       design of the short-circuit trip     magnetic       design of the fuse link for IT network for short-circuit protection of the main circuit     gL/gG 6 A       Installation/ mounting/ dimensions     any       fastening method     screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715       height     97 mm       width     45 mm       depth     97 mm       required spacing     0 mm       • with side-by-side mounting at the side     0 mm       • for grounded parts at 400 V     30 mm	• at 600 V rated value       0.63 A         Short-circuit protection       Yes         design of the short-circuit trip       magnetic         design of the fuse link for IT network for short-circuit protection of the main circuit       et 690 V         e at 690 V       gL/gG 6 A         Installation/ mounting/ dimensions       any         fastening method       screw and snap-on mounting onto 35 mm Dil         height       97 mm         width       45 mm         depth       97 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm         - downwards       30 mm         - at the side       9 mm	LA) for 3-phase AC motor
Short-circuit protection       Yes         product function short circuit protection       Yes         design of the short-circuit trip       magnetic         design of the fuse link for IT network for short-circuit protection of the main circuit       gL/gG 6 A         is at 690 V       gL/gG 6 A         Installation/ mounting/ dimensions       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       97 mm         width       45 mm         depth       97 mm         required spacing       0 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm	Short-circuit protection       Yes         product function short circuit protection       Yes         design of the short-circuit trip       magnetic         design of the fuse link for IT network for short-circuit protection of the main circuit <ul> <li>at 690 V</li> <li>gL/gG 6 A</li> </ul> Installation/ mounting/ dimensions       any         fastening method       screw and snap-on mounting onto 35 mm DII         height       97 mm         width       45 mm         depth       97 mm         required spacing       0 mm         • for grounded parts at 400 V       30 mm         — upwards       30 mm         — at the side       9 mm	d value 0.63 A
product function short circuit protection       Yes         design of the short-circuit trip       magnetic         design of the fuse link for IT network for short-circuit protection of the main circuit <ul> <li>at 690 V</li> <li>gL/gG 6 A</li> </ul> Installation/ mounting/ dimensions       mounting position       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715       height         width       45 mm       97 mm         width       97 mm       omm         equired spacing       0 mm       omm         • with side-by-side mounting at the side       0 mm       0 mm         • for grounded parts at 400 V       30 mm       30 mm	product function short circuit protection       Yes         design of the short-circuit trip       magnetic         design of the fuse link for IT network for short-circuit protection of the main circuit <ul> <li>at 690 V</li> <li>gL/gG 6 A</li> </ul> Installation/ mounting/ dimensions         mounting position       any         fastening method       screw and snap-on mounting onto 35 mm DII         height       97 mm         width       45 mm         depth       97 mm         required spacing       0 mm         • for grounded parts at 400 V       30 mm         - upwards       30 mm         - at the side       9 mm	d value 0.63 A
design of the short-circuit trip       magnetic         design of the fuse link for IT network for short-circuit protection of the main circuit       gL/gG 6 A         installation/ mounting/ dimensions       gL/gG 6 A         mounting position       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       97 mm         width       45 mm         depth       97 mm         required spacing       o mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm	design of the short-circuit trip       magnetic         design of the fuse link for IT network for short-circuit       gL/gG 6 A         i at 690 V       gL/gG 6 A         Installation/ mounting/ dimensions       any         fastening method       screw and snap-on mounting onto 35 mm DII         height       97 mm         width       45 mm         depth       97 mm         required spacing       0 mm         • for grounded parts at 400 V       30 mm         - upwards       30 mm         - upwards       90 mm	ion
design of the fuse link for IT network for short-circuit protection of the main circuit       gL/gG 6 A         installation/ mounting/ dimensions       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       97 mm         width       45 mm         depth       97 mm         required spacing       omm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm	design of the fuse link for IT network for short-circuit       gL/gG 6 A         • at 690 V       gL/gG 6 A         Installation/ mounting/ dimensions       any         fastening method       screw and snap-on mounting onto 35 mm DII         height       97 mm         width       45 mm         depth       97 mm         required spacing       0 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm         — upwards       30 mm         — at the side       9 mm	hort circuit protection Yes
protection of the main circuit       gL/gG 6 A         Installation/ mounting/ dimensions       any         mounting position       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       97 mm         width       45 mm         depth       97 mm         required spacing       0 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm	protection of the main circuit       gL/gG 6 A         installation/ mounting/ dimensions       any         mounting position       any         fastening method       screw and snap-on mounting onto 35 mm DII         height       97 mm         width       45 mm         depth       97 mm         required spacing       omm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm         — upwards       30 mm         — at the side       9 mm	t-circuit trip magnetic
• at 690 V       gL/gG 6 A         Installation/ mounting/ dimensions         mounting position       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       97 mm         width       45 mm         depth       97 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm	• at 690 V     gL/gG 6 A       Installation/ mounting/ dimensions     any       mounting position     any       fastening method     screw and snap-on mounting onto 35 mm DII       height     97 mm       width     45 mm       depth     97 mm       required spacing     o mm       • with side-by-side mounting at the side     0 mm       • for grounded parts at 400 V     30 mm       — upwards     30 mm       — at the side     9 mm	
Installation/ mounting/ dimensions         mounting position       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       97 mm         width       45 mm         depth       97 mm         required spacing       0 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm	Installation/ mounting/ dimensions         mounting position       any         fastening method       screw and snap-on mounting onto 35 mm DII         height       97 mm         width       45 mm         depth       97 mm         required spacing       0 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm         — upwards       30 mm         — at the side       9 mm	
mounting position       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       97 mm         width       45 mm         depth       97 mm         required spacing       97 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm	mounting position       any         fastening method       screw and snap-on mounting onto 35 mm Dll         height       97 mm         width       45 mm         depth       97 mm         required spacing       97 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       - downwards         - upwards       30 mm         - at the side       9 mm	
fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       97 mm         width       45 mm         depth       97 mm         required spacing       97 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm	fastening methodscrew and snap-on mounting onto 35 mm DIIheight97 mmwidth45 mmdepth97 mmrequired spacing0 mm• with side-by-side mounting at the side0 mm• for grounded parts at 400 V30 mm- downwards30 mm- upwards30 mm- at the side9 mm	g/ dimensions
height       97 mm         width       45 mm         depth       97 mm         required spacing       97 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm	height       97 mm         width       45 mm         depth       97 mm         required spacing       97 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       0 mm         — downwards       30 mm         — upwards       30 mm         — at the side       9 mm	
width     45 mm       depth     97 mm       required spacing     0 mm       • with side-by-side mounting at the side     0 mm       • for grounded parts at 400 V     30 mm	width       45 mm         depth       97 mm         required spacing       0 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       0 mm         — downwards       30 mm         — upwards       30 mm         — at the side       9 mm	
depth     97 mm       required spacing     0 mm       • with side-by-side mounting at the side     0 mm       • for grounded parts at 400 V     0 mm       - downwards     30 mm	depth     97 mm       required spacing     0 mm       • with side-by-side mounting at the side     0 mm       • for grounded parts at 400 V     0 mm       - downwards     30 mm       - upwards     30 mm       - at the side     9 mm	
required spacing     0 mm       • with side-by-side mounting at the side     0 mm       • for grounded parts at 400 V     30 mm	required spacing       0 mm         • with side-by-side mounting at the side       0 mm         • for grounded parts at 400 V       30 mm         — downwards       30 mm         — upwards       30 mm         — at the side       9 mm	
<ul> <li>with side-by-side mounting at the side</li> <li>for grounded parts at 400 V</li> <li>downwards</li> <li>30 mm</li> </ul>	<ul> <li>with side-by-side mounting at the side</li> <li>for grounded parts at 400 V</li> <li>— downwards</li> <li>— upwards</li> <li>— upwards</li> <li>— at the side</li> <li>30 mm</li> <li>9 mm</li> </ul>	97 mm
for grounded parts at 400 V     downwards     30 mm	<ul> <li>for grounded parts at 400 V</li> <li>downwards</li> <li>upwards</li> <li>at the side</li> <li>30 mm</li> <li>30 mm</li> </ul>	
- downwards 30 mm	- downwards     30 mm       - upwards     30 mm       - at the side     9 mm	-
	— upwards     30 mm       — at the side     9 mm	
upwards 30 mm	— at the side 9 mm	
• for live parts at 400 V	for live parts at 400 V	at 400 V

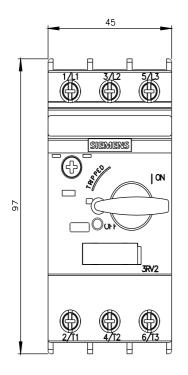
· · · · · · · · · · · · · · · · · · ·	IP20 finger-safe, for vertical contact from the front Handle			
touch protection on the front according to IEC 60529 display version for switching status	finger-safe, for vertical contact from the front			
· · · · · · · · · · · · · · · · · · ·	finger-safe, for vertical contact from the front			
protection class IP on the front according to IEC 60529				
Electrical Safety				
<ul> <li>for proof test interval or service life according to IEC 61508</li> </ul>	10 a			
T1 value	10 -			
IEC 61508				
31920				
failure rate [FIT] with low demand rate according to SN	50 FIT			
B10 value with high demand rate according to SN 31920	5 000			
<ul> <li>with high demand rate according to SN 31920</li> </ul>	50 %			
• with low demand rate according to SN 31920	50 %			
proportion of dangerous failures				
afety related data				
for main contacts	М3			
design of the thread of the connection screw				
size of the screwdriver tip	Pozidriv size 2			
design of screwdriver shaft	Diameter 5 to 6 mm			
for main contacts with screw-type terminals	0.8 1.2 N·m			
tightening torque				
<ul> <li>finely stranded with core end processing</li> <li>for AWG cables for main contacts</li> </ul>	2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ) 2x (18 14), 2x 12			
	$2x (0,75 \dots 2,5 \text{ mm}^2), 2x 4 \text{ mm}^2$ $2x (0,5 \dots 1,5 \text{ mm}^2), 2x (0,75 \dots 2,5 \text{ mm}^2)$			
<ul> <li>for main contacts</li> <li>— solid or stranded</li> </ul>	$2y (0.75 - 2.5 \text{ mm}^2) 2y 4 \text{ mm}^2$			
type of connectable conductor cross-sections				
circuit				
arrangement of electrical connectors for main current	Top and bottom			
for main current circuit	screw-type terminals			
type of electrical connection				
onnections/ Terminals				
— forwards	0 mm			
— at the side	30 mm			
— backwards	0 mm			
— upwards	50 mm			
— downwards	50 mm			
• for live parts at 690 V				
— forwards	0 mm			
— at the side	30 mm			
— backwards	0 mm			
— upwards	50 mm			
<ul> <li>for grounded parts at 690 V</li> <li>— downwards</li> </ul>	50 mm			
- at the side	9 mm			
— upwards	30 mm			
— downwards	30 mm			
for live parts at 500 V	20 mm			
— at the side	9 mm			
— upwards	30 mm			
— downwards	30 mm			
• for grounded parts at 500 V				
— at the side	9 mm			
— upwards	30 mm			
— downwards	30 mm			

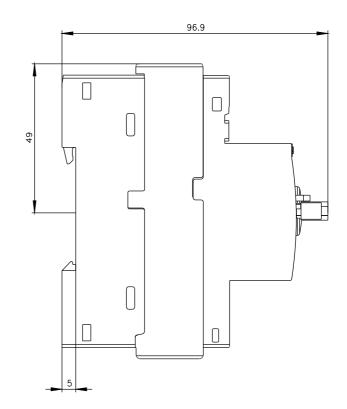
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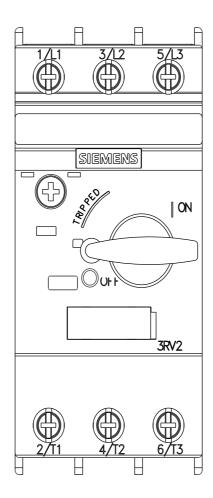
General Product Ap- proval	For use in hazardous locations		Test Certificates		Marine / Shipping			
EHC	KEx ATEX	IECE×	Type Test Certific- ates/Test Report	Special Test Certific- ate	ABS			
Marine / Shipping					other			
BUREAU VERITAS		Llovd's Register us	PRS	RINA	<u>Miscellaneous</u>			
other		Railway	Environment					
<u>Confirmation</u>	DE	<u>Confirmation</u>	EPD					
Further information								
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=3RV2011-0GA10 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2011-0GA10 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-0GA10 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2011-0GA10⟨=en Characteristic: Tripping characteristics, I <sup>2</sup> t, Let-through current								

Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-0GA10/char

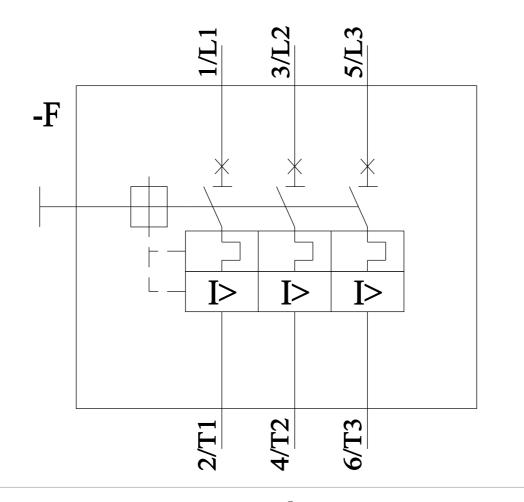
Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2011-0GA10&objecttype=14&gridview=view1







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3/11/2024 🖸