SIEMENS

Data sheet

3RV2011-0HA10



Circuit breaker size S00 for motor protection, CLASS 10 A-release 0.55...0.8 A N-release 10 A screw terminal Standard switching capacity

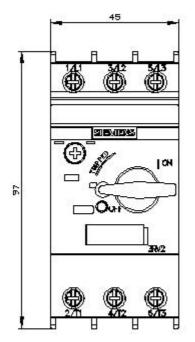
product brand name	SIRIUS
product designation	Circuit breaker
design of the product	For motor protection
product type designation	3RV2
General technical data	
size of the circuit-breaker	S00
size of contactor can be combined company-specific	S00, S0
product extension auxiliary switch	Yes
power loss [W] for rated value of the current	
 at AC in hot operating state 	7.25 W
 at AC in hot operating state per pole 	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	
 between main and auxiliary circuit 	400 V
 between main and auxiliary circuit 	400 V
shock resistance acc. to IEC 60068-2-27	25g / 11 ms
mechanical service life (switching cycles)	
 of the main contacts typical 	100 000
 of auxiliary contacts typical 	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
ambient temperature	
 during operation 	-20 +60 °C
 during storage 	-50 +80 °C
 during transport 	-50 +80 °C
temperature compensation	-20 +60 °C
relative humidity during operation	10 95 %
Main circuit	

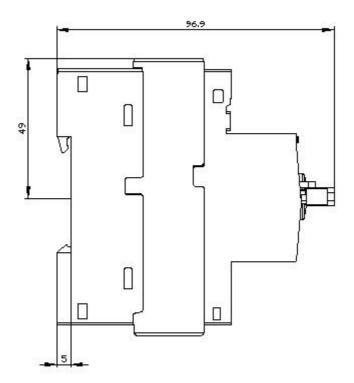
Immuno of poes to innan current response value current of the current dependent overload release 0.550.8 A • rated value 0.90 V • rated value 690 V • rated value 0.8 A operating frequency rated value 0.8 A operating trequency rated value 0.8 A operating frequency rated value 0.12 kW • at 200 Y rated value 0.12 kW • at 200 Y rated value 0.12 kW • at 200 Y rated value 0.25 kW • at 200 Y rated value 0.37 kW operating frequency rated value 0 number of NC contracts for auxiliary contracts 0 number of NC contracts for auxiliary contracts 0 product function • opical flat detection Yes trip class CLASS 10 design of the overload release thermal breaking capacity oparating short-circuit current (lex) 100 kA <	number of poles for main surrent sireuit	2
current-dependent overlade release 660 V operating voltage 660 V • at AC-3 rated value maximum 660 V operating frequency rated value 0.8 A operating requency rated value 0.8 A operating power at AC-3 0.12 kW • at 230 V rated value 0.18 kW • at 200 V rated value 0.25 kW • at 500 V rated value 0.25 kW • at 600 V rated value 0.37 kW operating frequency at AC-3 maximum 15 1/h Auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 Protective and monitoring functions 0 product function Yes • ground fault detection Yes trip class CLASS 10 design of the overload release thermal breaking capacity operating short-circuit current (Ics) 100 kA • at 400 V rated value 100 kA • at 400 V rated value	number of poles for main current circuit	3
operating voltage 690 V • rated value 690 V • rated value maximum 690 V operating frequency rated value 60 A operational current rate Value 0.8 A operational current rate Value 0.8 A operating frequency rated value 0.12 kW • at 200 V rated value 0.12 kW • at 200 V rated value 0.37 kW • at 200 V rated value 0.37 kW operating frequency at AC-3 maximum 15 1th Auxiliary denotes 0 number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 product function Yes • ground fault detection Yes • product function Yes • at 400 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		0.00 0.0 A
 e rated value e at AC-3 rated value maximum 690 V operating frequency rated value 0 60 Hz operating current rated value 0.3 A operating current rated value 0.3 A operating current rated value 0.12 kW et at 200 V rated value 0.12 kW et at 500 V rated value 0.12 kW et at 500 V rated value 0.12 kW et at 500 V rated value 0.25 kW et at 500 V rated value 0.25 kW et at 500 V rated value 0.37 kW operating frequency at AC-3 maximum 15 1/h Auxiliary circuit number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 product function in ground fault detection ves on that at at the evolution of the overload release thermal product function et ado V rated value 100 kA et 320 V rated value 100 kA	•	
• et AC-3 rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.8 A operating forquency rated value 0.8 A operating forquency rated value 0.12 kW • at 230 V rated value 0.12 kW • at 600 V rated value 0.25 kW • at 600 V rated value 0.37 kW operating frequency at AC-3 maximum 16 1/h Auxiliary circuit 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 product function No • opaas falure detection Yees 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 620 V rated value 100 kA<		690 V
operating frequency rated value 50 60 Hz operational current rated value 0.8 A operating current rated value 0.8 A operating cover at AC-3 0.12 kW • at 230 V rated value 0.12 kW • at 400 V rated value 0.3 K • at 600 V rated value 0.37 kW • at 600 V rated value 0.37 kW operating frequency at AC-3 maximum 15 1/h Auxiliary circuit 0 number of NO contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 Protective and monitoring functions Protective and monitoring functions protective and monitoring functions Yes it ip class CLASS 10 design of the overload release thermail breaking capacity operating short-circuit current (Ics) 100 kA • at 200 V rated value 100 kA • at 200 V rated value 100 kA • at 600 V rated value 0		
operational current rated value 0.8 A operational current rated value 0.8 A operating bower at AC-3 0.12 kW • at 230 V rated value 0.12 kW • at 500 V rated value 0.12 kW • at 600 V rated value 0.25 kW • at 600 V rated value 0.37 kW operating frequency at AC-3 maximum 15 1/h Auxillary circuit 0 number of NC contacts for auxillary contacts 0 number of NO contacts for auxillary contacts 0 protective and monitoring functions 0 protective and monitoring functions 0 protective and monitoring functions Yes trip class CLASS 10 design of the overload release thermal breaking capacity operating short-circuit current (icc) at 400 V rated value • at 200 V rated value 100 kA • at 2400 V rated value 100 kA • at 62 at 240 V rated value 100 kA • at 62 at 300 V rated value 100 kA • at 62 at 400 V rated value 0.8 A • at 62 at 500 V rated value 0.		
operational current at AC-3 at 400 V rated value 0.8 A operating power at AC-3 0.12 kW • at 230 V rated value 0.12 kW • at 600 V rated value 0.37 kW operating frequency at AC-3 maximum 0.57 kW operating frequency at AC-3 maximum 15 1/n Avxillary circuit 0 number of NC contacts for auxiliary contacts 0 number of Co contacts for auxiliary contacts 0 protective and monitoring functions 0 protective and monitoring functions 0 protective and monitoring functions Ves rip class CLASS 10 design of the overload release thermail breaking capacity operating short-circuit current (Ics) at AC 100 kA • at 240 V rated value 100 kA • at 630 V rated value 100 kA • at 630 V rated value 100 kA • at 630 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 630 V rated value 100 kA		
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		0.077
• at 400 V rated value 0.18 kW • at 500 V rated value 0.37 kW operating frequency at AC-3 maximum 15 1/h Auxiliary circuit number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 0 product function • 0 • 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 100 kA • • • at 400 V rated value 100 kA • • • at 240 V rated value 100 kA • • • at 600 V rated value 100 kA • • • at 240 V rated value 100 kA • • • at 62 at 240 V rated value 100 kA • • • at 62 at 240 V rated value 100 kA • • at 62 at 500 V rated value		0.12 kW
• at 500 V rated value 0.25 kW • at 690 V rated value 0.37 kW operating frequency at AC-3 maximum 15 1/h Auxiliary circuit number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 0 number of CO contacts for auxiliary contacts 0 0 Product function 0 0 • product function Ves 0 • product function Yes 0 trip class CLASS 10 0 design of the overload release thermal breaking capacity operating short-circuit current (ics) at AC 100 kA • at 200 V rated value 100 kA • at 600 V rated value 100 kA • at 600 V rated value 100 kA • at 64 00 V rated value 100 kA • at 64 00 V rated value 100 kA • at 64 00 V rated value 100 kA • at 62 at 630 V rated value 100 kA • at 64 00 V rated value 100 kA • at 64 00 V rated value 100 kA • at 64 00 V rated value		
• at 690 V rated value 0.37 kW operating frequency at AC-3 maximum 15 1/h Auxiliary circuit 0 number of NC contacts for auxiliary contacts 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 thermail breaking capacity operating short-circuit current (Ics) 100 kA • at 400 V rated value 100 kA • at 400 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 600 V rated value 100 kA • at 690 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 690 V rated value 100 kA • at 690 V rated value 100 kA • at 690 V rated value 00 kA • at 600 V rated value 0.8 A <td></td> <td></td>		
operating frequency at AC-3 maximum 15 1/h Auxiliary circuit inumber of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 Protective and monitoring functions 0 product function 0 • ground fault detection Yes trip class CLASS 10 design of the overload release thermal breaking capacity operating short-circuit current (Ics) 100 kA • at 240 V rated value 100 kA • at 600 V rated value 100 kA • at 42 400 V rated value 100 kA • at 42 40 V rated value 100 kA • at 42 40 V rated value 100 kA • at 42 40 V rated value 100 kA • at 42 40 V rated value 100 kA • at 60 V rated value 100 kA • at 400 V rated value 100 kA • at 400 V rated value 00 kA •		
Auxiliary circuit 0 number of NC contacts for auxiliary contacts 0 number of CC contacts for auxiliary contacts 0 number of CC contacts for auxiliary contacts 0 Protective and monitoring functions 0 product function 0 • phase failure detection Yes classing of the overload release thermal breaking capacity operating short-circuit current (ics) at AC • at 240 V rated value 100 kA • at 240 V rated value 100 kA • at 600 V rated value 100 kA • at AC at 240 V rated value 100 kA • at AC at 240 V rated value 100 kA • at 600 V rated value 100 kA • 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 00 kA • at AC at 600 V rated value 0.8 A Short-circuit protection Value pre		
number of NC contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 Protective and monitoring functions 0 product function 0 • phase failure detection No • phase failure detection Yes trip class CLASS 10 design of the overload release thermal breaking capacity operating short-circuit current (Ics) 100 kA • at 240 V rated value 100 kA • at 500 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 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 0.8 A • at AC at 690 V rated value 0.8 A <td></td> <td></td>		
number of NO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 Protective and monitoring functions 0 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 • 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 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 AC at 600 V rated value 0.8 A breaking capacity protection • at 420 V rated value • at 420 V rated value 0.8 A b		0
number of CO contacts for auxiliary contacts 0 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 400 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 800 V rated value		
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 400 V rated value • at 500 V rated value • at 690 V rated value • at 600 V rated value • at AC at 400 V rated value • at AC at 690 V rated value • at AC at 400 V rated value • at AC at 690 V rated value • 100 kA • at AC at 690 V rated value • at 600 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value 0.8 A • at 600 V rat		
product function No • phase failure detection Yes trip class CLASS 10 design of the overload release thermal breaking capacity operating short-circuit current (lcs) at AC 100 kA • at 240 V rated value 100 kA • at 690 V rated value 100 kA • at AC at 240 V rated value 100 kA • at 690 V rated value 100 kA • 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 AC at 690 V rated value 100 kA • at AC at 490 V rated value 100 kA • at AB V rated value 0.8 A Short-circuit protection Yes design of the short circuit protection Yes design of the fuse link for IT network for short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection Yes		0
• 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 it design of the overload release • at 240 V rated value 100 kA • at 400 V rated value 100 kA • at 630 V rated value 100 kA • at 630 V rated value 100 kA • at 630 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 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 response value current of instantaneous short-circuit trip 10 A unit 0.8 A • at 630 V rated value 0.8 A • at 630 V gL/gG 6 A Installation		
• phase failure detection Yes trip class CLASS 10 design of the overload release thermal breaking capacity operating short-circuit current (Ics) at AC item and the addition of the add	•	
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 500 V rated value 100 kA • at 600 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 500 V rated value 100 kA response value current of instantaneous short-circuit trip 100 kA response value current of instantaneous short-circuit trip 10 A unit 0.8 A bord-circuit protection Yes magnetic 0.8 A stort-circuit protection Yes design of the short-circuit trip magnetic design of the short-circuit protection Yes design of the short circuit protection Yes	-	
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 500 V rated value 100 kA • at 690 V rated value 100 kA • at 600 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 690 V rated value 100 kA • at AC at 690 V rated value 0.8 A UL/CSA ratings 10 A full-load current (FLA) for 3-phase AC motor 0.8 A • at 600 V rated value 0.8 A • at 600 V gL/gG 6 A Installation/		
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 650 V rated value 100 kA • at 690 V rated value 100 kA • at 640 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 400 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 AC at 690 V rated value 100 kA • at AC at 690 V rated value 100 kA • at AC at 690 V rated value 0.8 A UL/CSA ratings 10 A full-load current (FLA) for 3-phase AC motor 0.8 A • at 600 V rated value 0.8 A Short-circuit protection Yes magnetic magnetic design of the short-circuit protection Yes idesign of the short-circuit rip magnetic design of the main circuit gL/gG 6 A	•	
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 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 500 V rated value 100 kA • at AC at 600 V rated value 100 kA • at AC at 690 V rated value 100 kA response value current of instantaneous short-circuit trip 10 A unit 10 A UL/CSA ratings 0.8 A full-load current (FLA) for 3-phase AC motor 0.8 A • at 600 V rated value 0.8 A bort-circuit protection Yes design of the use link for IT network for short-circuit magnetic design of the use link for IT network for short-circuit gL/gG 6 A </td <td></td> <td>thermal</td>		thermal
• 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 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 500 V rated value 100 kA • at AC at 600 V rated value 100 kA • at AC at 600 V rated value 100 kA response value current of instantaneous short-circuit trip unit 10 A UL/CSA ratings 10 A full-load current (FLA) for 3-phase AC motor 0.8 A • at 480 V rated value 0.8 A • at 480 V rated value 0.8 A • at 600 V rated value 0.8 A Iproduct function short circuit protection Yes 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 met		
• at 500 V rated value 100 kA • at 690 V rated value 100 kA breaking capacity maximum short-circuit current (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 690 V rated value 100 kA • at AC at 690 V rated value 100 kA response value current of instantaneous short-circuit trip 10 A UL/CSA ratings 10 A full-load current (FLA) for 3-phase AC motor 0.8 A • at 480 V rated value 0.8 A • at 600 V rated value 0.8 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 gL/gG 6 A Installation/ mounting/ dimensions any mounting position any fastening method screw and snap-on mounting onto 35 mm standard mounting rail	 at 240 V rated value 	100 kA
• at 690 V rated value 100 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 100 kA • at AC at 690 V rated value 100 kA response value current of instantaneous short-circuit trip 10 A UL/CSA ratings 10 A full-load current (FLA) for 3-phase AC motor 0.8 A • at 480 V rated value 0.8 A • at 600 V rated value 0.8 A • at 600 V rated value 0.8 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 Installation/ mounting/ dimensions any mounting position any fastening method screw and snap-on mounting onto 35 mm standard mounting rail	 at 400 V rated value 	100 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 100 kA • at AC at 690 V rated value 100 kA response value current of instantaneous short-circuit trip unit 10 A UL/CSA ratings 0.8 A full-load current (FLA) for 3-phase AC motor 0.8 A • at 600 V rated value 0.8 A • at 600 V rated value 0.8 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 e at 690 V Installation/ mounting/ dimensions any mounting position any fastening method screw and snap-on mounting onto 35 mm standard mounting rail	 at 500 V rated value 	100 kA
 e at AC at 240 V rated value 100 kA e at AC at 400 V rated value 100 kA e at AC at 500 V rated value 100 kA e at AC at 690 V rated value 100 kA response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor e at 600 V rated value 0.8 A e at 600 V rated value 0.8 A Short-circuit protection Yes design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit product function short circuit gL/gG 6 A Installation/ mounting/ dimensions any fastening method 	at 690 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 response value current of instantaneous short-circuit trip unit 10 A UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value 0.8 A • at 600 V rated value 0.8 A Improduct function short circuit protection Yes magnetic magnetic design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit gL/gG 6 A Installation/ mounting/ dimensions any fastening method screw and snap-on mounting onto 35 mm standard mounting rail	breaking capacity maximum short-circuit current (lcu)	
• at AC at 500 V rated value 100 kA • at AC at 690 V rated value 100 kA response value current of instantaneous short-circuit trip 10 A UL/CSA ratings 10 A UL/CSA ratings 0.8 A • at 480 V rated value 0.8 A • at 600 V rated value 0.8 A Short-circuit protection Yes magnetic design of the short-circuit trip 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 standard mounting rail	 at AC at 240 V rated value 	100 kA
• at AC at 690 V rated value 100 kA response value current of instantaneous short-circuit trip unit 10 A UL/CSA ratings 0.8 A • at 480 V rated value 0.8 A • at 600 V rated value 0.8 A • at 600 V rated value 0.8 A • at 600 V rated value 0.8 A Image: the 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 gL/gG 6 A Installation/ mounting/ dimensions any fastening method screw and snap-on mounting onto 35 mm standard mounting rail	 at AC at 400 V rated value 	100 kA
response value current of instantaneous short-circuit trip unit 10 A UL/CSA ratings 0.8 A full-load current (FLA) for 3-phase AC motor at 480 V rated value 0.8 A at 600 V rated value 0.8 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 standard mounting rail	 at AC at 500 V rated value 	100 kA
unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor 0.8 A • at 480 V rated value 0.8 A • at 600 V rated value 0.8 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 gL/gG 6 A Installation/ mounting/ dimensions any fastening method screw and snap-on mounting onto 35 mm standard mounting rail	at AC at 690 V rated value	100 kA
full-load current (FLA) for 3-phase AC motor 0.8 A • at 480 V rated value 0.8 A • at 600 V rated value 0.8 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 standard mounting rail		10 A
• at 480 V rated value 0.8 A • at 600 V rated value 0.8 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 gL/gG 6 A Installation/ mounting/ dimensions any fastening method screw and snap-on mounting onto 35 mm standard mounting rail	UL/CSA ratings	
• at 480 V rated value 0.8 A • at 600 V rated value 0.8 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 gL/gG 6 A Installation/ mounting/ dimensions any fastening method screw and snap-on mounting onto 35 mm standard mounting rail		
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 e at 690 V e at 690 V gL/gG 6 A Installation/ mounting/ dimensions any fastening method screw and snap-on mounting onto 35 mm standard mounting rail		0.8 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 at 690 V gL/gG 6 A Installation/ mounting/ dimensions any fastening method any screw and snap-on mounting onto 35 mm standard mounting rail 	• at 600 V rated value	0.8 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 at 690 V gL/gG 6 A Installation/ mounting/ dimensions any fastening method any screw and snap-on mounting onto 35 mm standard mounting rail 	Short-circuit protection	
design of the short-circuit trip magnetic 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 standard mounting rail		Yes
design of the fuse link for IT network for short-circuit protection of the main 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 standard mounting rail		
protection of the main 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 standard mounting rail		
Installation/ mounting/ dimensions mounting position fastening method any screw and snap-on mounting onto 35 mm standard mounting rail		
mounting position any fastening method screw and snap-on mounting onto 35 mm standard mounting rail	• at 690 V	gL/gG 6 A
fastening method screw and snap-on mounting onto 35 mm standard mounting rail	Installation/ mounting/ dimensions	
	mounting position	any
according to DIN EN 60715	fastening method	
		-
height 97 mm		
width 45 mm		
depth 97 mm	•	97 mm
required spacing		
for grounded parts at 400 V		
— downwards 30 mm		
— upwards 30 mm	— upwards	30 mm

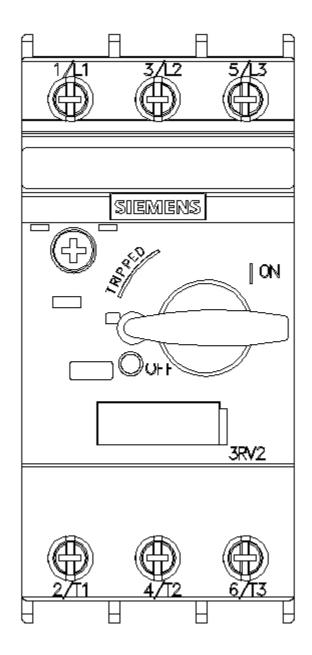
	0
— at the side	9 mm
• for live parts at 400 V	20 mm
- downwards	30 mm 30 mm
— upwards — at the side	
	9 mm
• for grounded parts at 500 V	22
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
• for live parts at 500 V	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
 for grounded parts at 690 V 	
— 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
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
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
 at AWG cables for main contacts 	2x (18 14), 2x 12
tightening torque	
• for main contacts with screw-type terminals	0.8 1.2 N·m
design of screwdriver shaft	Diameter 5 to 6 mm
size of the screwdriver tip	Pozidriv 2
design of the thread of the connection screw	
for main contacts	M3
Safety related data	
B10 value	
with high demand rate acc. to SN 31920	5 000
proportion of dangerous failures	
with low demand rate acc. to SN 31920	50 %
with high demand rate acc. to SN 31920	50 %
failure rate [FIT]	
with low demand rate acc. to SN 31920	50 FIT
T1 value for proof test interval or service life acc. to IEC 61508	10 y
protection class IP on the front acc. to IEC 60529	IP20
touch protection on the front acc. to IEC 60529	finger-safe, for vertical contact from the front
display version for switching status	Handle
Certificates/ approvals	
General Product Approval	For use in hazard-

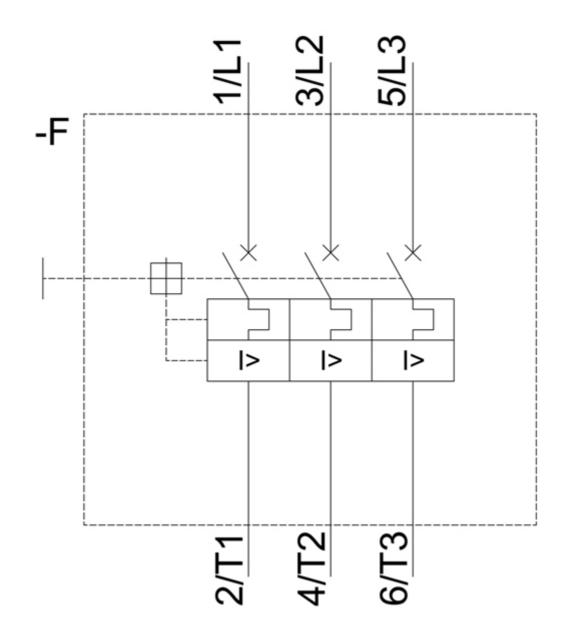
					ous locations
(SP) CM			<u>KC</u>	EHC	K ATEX
For use in hazard- ous locations	Declaration of Cor	nformity	Test Certificates		Marine / Shipping
IECEx	CE EG-Konf.	<u>Miscellaneous</u>	Special Test Certific- ate	<u>Type Test Certific-</u> ates/Test Report	ABS
Marine / Shipping					
B UREAU VERITAS	Lloyds Register urs	PRS	RINA	RMRS	ENVIL COMM
other	Railway				
Confirmation	Confirmation	Vibration and Shock			

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	stry Mall (Online ordering system) ://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2011-0HA10
	online generator //support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2011-0HA10
Serv	ice&Support (Manuals, Certificates, Characteristics, FAQs,)
•	/www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2011-0HA10⟨=en
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Furt	her characteristics (e.g. electrical endurance, switching frequency) //www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2011-0HA10&objecttype=14&gridview=view1









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