SIEMENS

Data sheet

3RV2011-1JA15



Circuit breaker size S00 for motor protection, CLASS 10 A-release 7...10 A N release 130 A screw terminal Standard switching capacity with transverse auxiliary switches 1 NO+1 NC $\,$

size of the circuit-breakerS00size of contactor can be combined company-specificS00, S0product extension auxillary switchYespower loss [W] for rated value of the current9.25 W• at AC in hot operating state9.25 W• at AC in hot operating state per pole3.1 Winsulation voltage with degree of pollution 3 at AC rated value690 Vsurge voltage resistance rated value6 kVshock resistance according to IEC 60068-2-2725g / 11 msmechanical service life (operating cycles)100 000• of the main contacts typical100 000• of auxiliary contacts typical100 000type of protection according to ATEX directive 2014/34/EUEx II (2) GDcertificate of suitability according to ATEX directive 2014/34/EUDMT 02 ATEX F 001reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 mambient temperature-20 +60 °C• during operation-20 +60 °C• during transport-50 +80 °C• during transport-50 +80 °C	<u>503</u>	
design of the product For motor protection product type designation 3RV2 size of the circuit-breaker S00 size of contactor can be combined company-specific S00, S0 product extension auxiliary switch Yes evaluation S25 W and AC in hot operating state 9.25 W evaluation to tage with degree of pollution 3 at AC rated value 680 V sustation voitage with degree of pollution 3 at AC rated value 690 V sustation voitage with degree of pollution 3 at AC rated value 680 V sustation voitage with degree of pollution 3 at AC rated value 690 V sustation voitage with degree of pollution 3 at AC rated value 690 V sustation voitage with degree of pollution 3 at AC rated value 690 V sustation voitage with degree of pollution 3 at AC rated value 690 V sustation voitage with degree of pollution 3 at AC rated value 690 V electrical endurance (operating cycles) 65/ 11 ms of auxiliary contacts typical 100 000 electrical endurance (operating cycles) typical 100 000 reference code according to LATEX directive 2014/34/EU EXII (2) CD	product brand name	SIRIUS
product type designation 3RV2 General technical data	product designation	Circuit breaker
Seneral technical data S00 size of the circuit-breaker S00 size of contactor can be combined company-specific S00, S0 power loss [M] for rated value of the current state of not operaling state • at AC in hot operaling state per pole 3.1 W insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 64 V shock resistance according to IEC 60068-2:27 25 (7) 11 ms mechanical service life (operating cycles) - • of auxiliary contacts typical 100 000 • of auxiliary contacts typical 100 000 eletricial endurance (operating cycles) typical 100 000 • of protection according to ATEX directive 2014/34/EU Ex II (2) GD Substance Prohibitance (Date) 100/12009 Ambient temperature - • during operation -20 +60 °C • during trapport -00 m • during tarapport	design of the product	For motor protection
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• of auxiliary contacts by electrical endurance (operating cycles) typical100 000Interpret of protection according to ATEX directive 2014/34/EUEx II (2) GDCertificate of suitability according to ATEX directive 2014/34/EUDMT 02 ATEX F 001reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2000 mambient temperature-20 +60 °C• during operation-20 +60 °C• during transport-50 +80 °C• during transport-50 +80 °C• during transport3andient teru-20 +60 °C• during transport-50 +80 °C• during transport-50 +60 °C• during transport-50 +60 °C• during	mechanical service life (operating cycles)	
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type of protection according to ATEX directive 2014/34/EUEx II (2) GDcertificate of suitability according to ATEX directive 2014/34/EUDMT 02 ATEX F 001reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2000 mambient temperature-20 +60 °C• during operation-20 +60 °C• during transport-50 +80 °C• during transport-50 +80 °Crelative humidity during operation10 95 %Main circuit3adjustable current response value current of the current- dependent overload release20 690 V• at AC-3 rated value maximum690 V• at AC-3 rated value maximum690 V• at AC-3 rated value50 600 Hz• operating frequency rated value50 600 Hz• operating frequency rated value50 600 Hz	 of auxiliary contacts typical 	100 000
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reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during operation 10 95 % Main circuit 3 mubber of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release 7 10 A operating voltage 20 690 V • at AC-3 rated value maximum 690 V • at AC-3 rated value maximum 690 V • operating frequency rated value 50 600 Hz operating frequency rated value 50 600 Hz	type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
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installation altitude at height above sea level maximum2 000 mambient temperature-20 +60 °C• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °Crelative humidity during operation10 95 %Main circuit3adjustable current response value current of the current- dependent overload release7 10 Aoperating voltage20 690 V• at AC-3 rated value maximum690 V• at AC-3 rated value50 60 Hz• at AC-3 rated value10 A	Substance Prohibitance (Date)	10/01/2009
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• during storage-50 +80 °C• during transport-50 +80 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release7 10 Aoperating voltage20 690 V• rated value690 V• at AC-3 rated value maximum690 V• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hzoperating rated value10 A	ambient temperature	
• during transport-50 +80 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release7 10 Aoperating voltage20 690 V• rated value690 V• at AC-3 rated value maximum690 V• at AC-3e rated value maximum690 V• operating frequency rated value50 60 Hzoperating frequency rated value10 A	 during operation 	-20 +60 °C
relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 7 10 A operating voltage 20 690 V • rated value 20 690 V • at AC-3 rated value maximum 690 V • at AC-3e rated value maximum 690 V • operating frequency rated value 50 60 Hz operating a frequency rated value 50 60 Hz	 during storage 	-50 +80 °C
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number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 7 10 A operating voltage rated value at AC-3 rated value maximum 690 V at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value operational current rated value 10 A	relative humidity during operation	10 95 %
adjustable current response value current of the current- dependent overload release 7 10 A operating voltage 20 690 V • rated value 20 690 V • at AC-3 rated value maximum 690 V • at AC-3e rated value maximum 690 V • operating frequency rated value 50 60 Hz operational current rated value 10 A	Main circuit	
dependent overload release operating voltage • rated value • rated value • at AC-3 rated value maximum • et AC-3 rated value maximum • 690 V • at AC-3 rated value maximum • 690 V • operating frequency rated value • 0 perating frequency rated value • 10 A	number of poles for main current circuit	3
• rated value 20 690 V • at AC-3 rated value maximum 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 10 A	•	7 10 A
• at AC-3 rated value maximum 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 10 A	operating voltage	
• at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 10 A	rated value	20 690 V
operating frequency rated value 50 60 Hz operational current rated value 10 A	 at AC-3 rated value maximum 	690 V
operational current rated value 10 A	 at AC-3e rated value maximum 	690 V
•	operating frequency rated value	50 60 Hz
operational current	operational current rated value	10 A
	operational current	

 at AC-3 at 400 V rated value 	10 A
 at AC-3e at 400 V rated value 	10 A
operating power	
• at AC-3	
— at 230 V rated value	2.2 kW
— at 400 V rated value	4 kW
— at 500 V rated value	5.5 kW
— at 690 V rated value	7.5 kW
• at AC-3e	
— at 230 V rated value	2.2 kW
— at 400 V rated value	4 kW
— at 500 V rated value	5.5 kW
— at 690 V rated value	7.5 kW
operating frequency	7.5 KW
• at AC-3 maximum	15 1/b
• at AC-3 maximum • at AC-3e maximum	15 1/h
	15 1/h
Auxiliary circuit	
design of the auxiliary switch	transverse
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
number of CO contacts for auxiliary contacts	0
operational current of auxiliary contacts at AC-15	
• at 24 V	2 A
• at 120 V	0.5 A
• at 125 V	0.5 A
• at 230 V	0.5 A
operational current of auxiliary contacts at DC-13	
• at 24 V	1 A
• at 60 V	0.15 A
Protective and monitoring functions	
product function	
product function ground fault detection 	No
	No Yes
ground fault detection	
ground fault detectionphase failure detection	Yes
ground fault detection phase failure detection trip class design of the overload release	Yes CLASS 10
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu)	Yes CLASS 10 thermal
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value	Yes CLASS 10 thermal 100 kA
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (lcu) • at AC at 240 V rated value • at AC at 400 V rated value	Yes CLASS 10 thermal 100 kA 100 kA
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value	Yes CLASS 10 thermal 100 kA 100 kA
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 240 V rated value • at AC at 240 V rated value • at AC at 690 V rated value • at 240 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 240 V rated value • at AC at 690 V rated value • at 240 V rated value • at 240 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 240 V rated value • at 240 V rated value • at AC at 500 V rated value • at 240 V rated value • at 500 V rated value • at 500 V rated value • at 500 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 100 kA
ground fault detection phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) e at AC at 240 V rated value e at AC at 400 V rated value e at AC at 500 V rated value e at AC at 690 V rated value operating short-circuit current breaking capacity (Ics) at AC e at 240 V rated value e at 690 V rated value e at 400 V rated value e at 690 V rated value e at 690 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 42 kA 42 kA
ground fault detection phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (lcu) e at AC at 240 V rated value e at AC at 400 V rated value e at AC at 500 V rated value e at AC at 690 V rated value e at 240 V rated value e at 240 V rated value e at 400 V rated value e at 500 V rated value e at 500 V rated value e at 690 V rated value e at 690 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 100 kA
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (lcu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at 240 V rated value • at 240 V rated value • at 240 V rated value • at AC at 690 V rated value • at 240 V rated value • at 690 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 42 kA 42 kA
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 240 V rated value • at 690 V rated value • at 400 V rated value • at 690 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 100 kA 130 A
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 240 V rated value • at 690 V rated value • at 400 V rated value • at 690 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 100 kA 100 kA 130 A
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 240 V rated value • at 240 V rated value • at 400 V rated value • at 600 V rated value • at 600 V rated value • at 480 V rated value • at 600 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 100 kA 130 A
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 240 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 600 V rated value • at 600 V rated value • at 480 V rated value • at 480 V rated value • at 480 V rated value • at 600 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 100 kA 100 kA 130 A
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 240 V rated value • at 240 V rated value • at 400 V rated value • at 600 V rated value • at 600 V rated value • at 480 V rated value • at 600 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 100 kA 100 kA 130 A
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 240 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 600 V rated value • at 600 V rated value • at 480 V rated value • at 480 V rated value • at 480 V rated value • at 600 V rated value • at 600 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 100 kA 100 kA 130 A
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 240 V rated value • at 240 V rated value • at AC at 690 V rated value • at 240 V rated value • at 400 V rated value • at 240 V rated value • at 240 V rated value • at 690 V rated value • at 600 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 42 kA 4 kA 130 A
 ground fault detection phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value at AC at 690 V rated value at AC at 690 V rated value at 240 V rated value at 400 V rated value at 400 V rated value at 400 V rated value at 690 V rated value at 480 V rated value at 600 V rated value 	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 42 kA 4 kA 130 A 10 A 10 A
 ground fault detection phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value at AC at 690 V rated value at AC at 690 V rated value operating short-circuit current breaking capacity (Ics) at AC at 240 V rated value at 400 V rated value at 400 V rated value at 400 V rated value at 690 V rated value at 480 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 480 V rated value at 480 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 480 V rated value at 600 V rated value 	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 42 kA 4 kA 130 A 10 A 10 A
 ground fault detection phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value at AC at 690 V rated value at AC at 690 V rated value operating short-circuit current breaking capacity (Ics) at AC at 240 V rated value at 400 V rated value at 400 V rated value at 690 V rated value at 600 V rated value at 600 V rated value at 480 V rated value at 480 V rated value at 600 V rated value at 600 V rated value at 480 V rated value at 480 V rated value at 600 V rated value at 600 V rated value at 480 V rated value at 480 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 480 V rated value at 600 V rated value 	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 42 kA 4 kA 130 A 10 A 10 A 10 A
 ground fault detection phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value at AC at 690 V rated value at AC at 690 V rated value operating short-circuit current breaking capacity (Ics) at AC at 240 V rated value at 400 V rated value at 500 V rated value at 690 V rated value at 690 V rated value at 690 V rated value tripping the current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 42 kA 4 kA 130 A 10 A 10 A 10 A 10 A 10 A 10 A
 ground fault detection phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value at AC at 690 V rated value operating short-circuit current breaking capacity (Ics) at AC at 240 V rated value at 400 V rated value at 400 V rated value at 500 V rated value at 690 V rated value at 600 V rated value at 200 V rated value at 200 V rated value at 200/208 V rated value at 220/230 V rated value 	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 42 kA 4 kA 130 A 10 A 10 A 10 A 10 A 10 A 10 A 10 A
 ground fault detection phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value at AC at 690 V rated value operating short-circuit current breaking capacity (Ics) at AC at 240 V rated value at 400 V rated value at 400 V rated value at 500 V rated value at 690 V rated value at 690 V rated value at 690 V rated value tersponse value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 230 V rated value at 200/208 V rated value 	Yes CLASS 10 thermal 100 kA 100 kA 42 kA 6 kA 100 kA 100 kA 42 kA 4 kA 130 A 10 A 10 A 10 A 10 A 10 A

Short-circuit protection		
product function short circuit protection	Yes	
design of the short-circuit trip	magnetic	
design of the fuse link		
for short-circuit protection of the auxiliary switch required	Fuse gL/gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)	
design of the fuse link for IT network for short-circuit protection of the main circuit		
• at 400 V	gL/gG 50 A	
● at 500 V	gL/gG 40 A	
• at 690 V	gL/gG 40 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	
required spacing		
 with side-by-side mounting at the side 	0 mm	
 for grounded parts at 400 V 		
— downwards	30 mm	
— upwards	30 mm	
— at the side	9 mm	
• for live parts at 400 V		
— downwards	30 mm	
— upwards	30 mm	
— at the side	9 mm	
• for grounded parts at 500 V		
— downwards	30 mm	
— upwards	30 mm	
— at the side	9 mm	
• for live parts at 500 V	20 mm	
— downwards	30 mm	
— upwards	30 mm	
— at the side	9 mm	
 for grounded parts at 690 V downwards 	50 mm	
— downwards	50 mm 50 mm	
— upwards — backwards	o mm 0 mm	
— at the side	30 mm	
— at the side — 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		
type of electrical connection		
for main current circuit	screw-type terminals	
for auxiliary and control 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 mm ²), 2x (0.75 2.5 mm ²)	
 for AWG cables for main contacts 	2x (0:0 10), 2x (0:0 2:0)	
type of connectable conductor cross-sections		
for auxiliary contacts		
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	

— finely stranded with core end processing	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²)			
for AWG cables for auxiliary contacts	2x (20 16), 2x (18 14)			
tightening torque	0.0 4.0 N m			
 for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals 	0.8 1.2 N·m 0.8 1.2 N·m			
design of screwdriver shaft	Diameter 5 to 6 mm			
size of the screwdriver tip	Pozidriv size 2			
design of the thread of the connection screw				
for main contacts	M3			
of the auxiliary and control contacts	M3			
Safety related data				
B10 value				
with high demand rate according to SN 31920	5 000			
proportion of dangerous failures	0000			
with low demand rate according to SN 31920	50 %			
with high demand rate according to SN 31920	50 %			
failure rate [FIT]				
with low demand rate according to SN 31920	50 FIT			
T1 value for proof test interval or service life according to IEC	10 a			
61508	10 4			
protection class IP on the front according to IEC 60529	IP20			
touch protection on the front according 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		
	EHL	IECE×		
For use in hazard- ous locations Declaration of Conformity	Test Certificates	Marine / Shipping		
EG-Konf.	<u>Type Test Certific-</u> <u>ates/Test Report</u> <u>ate</u>	ABS		
Marine / Shipping		other		
BUREAU VERITAS	PRS RINA	<u>Confirmation</u>		
other Railway				
Confirmation Vibration and S	Shock			
Further information Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus). Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,)				

https://www.siemens.com/ic10

Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2011-1JA15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2011-1JA15

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-1JA15

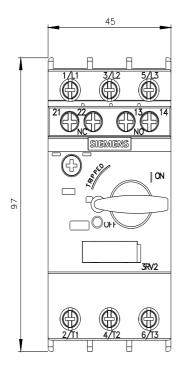
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

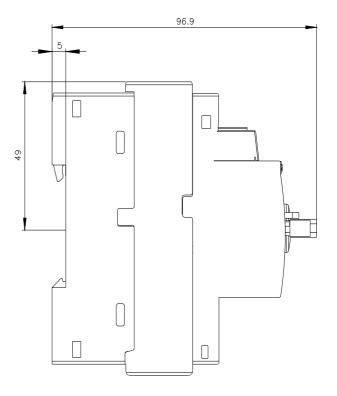
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2011-1JA15&lang=en

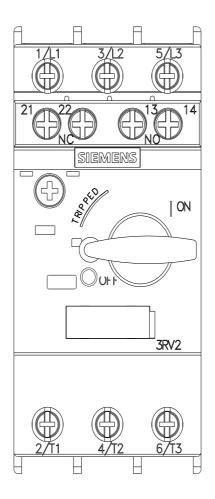
Characteristic: Tripping characteristics, I²t, Let-through current

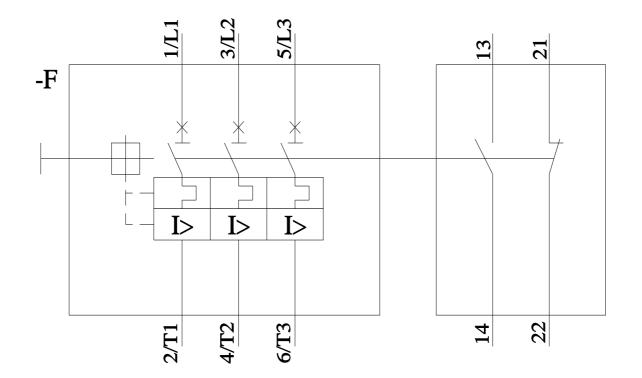
https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-1JA15/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2011-1JA15&objecttype=14&gridview=view1









11/21/2022 🖸

7/24/2023