SIEMENS

Data sheet

3RV2011-1GA15-0BA0



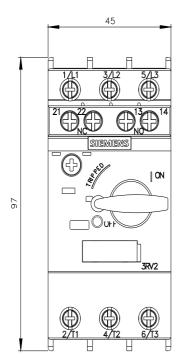
Special type Circuit breaker size S00 for motor protection, CLASS 10 A-release 4.5...6.3 A N-release 82 A screw terminal Standard switching capacity with transverse auxiliary switches 1 NO+1 NC Ambient temperature -50 °C 500 switching cycles

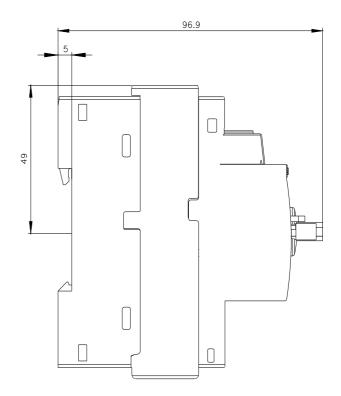
4/12 8/13	
product brand name	SIRIUS
product designation	Circuit breaker
design of the product	For motor protection
product type designation	3RV2
General technical data	
size of the circuit-breaker	S00
size of contactor can be combined company-specific	S00, S0
product extension auxiliary switch	Yes
power loss [W] for rated value of the current	
 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
shock resistance according to IEC 60068-2-27	25g / 11 ms
mechanical service life (operating cycles)	
 of the main contacts typical 	500
 of auxiliary contacts typical 	500
electrical endurance (operating cycles) typical	500
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
SVHC substance name	Lead - 7439-92-1
Weight	0.368 kg
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
during operation	-50 +60 °C
during storage	-50 +80 °C
during transport	-50 +80 °C
relative humidity during operation	10 95 %
Environmental footprint	
global warming potential [CO2 eq] total	74.698 kg
global warming potential [CO2 eq] during manufacturing	1.98 kg
global warming potential [CO2 eq] during sales	0.134 kg
global warming potential [CO2 eq] during operation	72.7 kg
global warming potential [CO2 eq] after end of life	-0.116 kg
Siemens Eco Profile (SEP)	Siemens EcoTech
Main circuit	

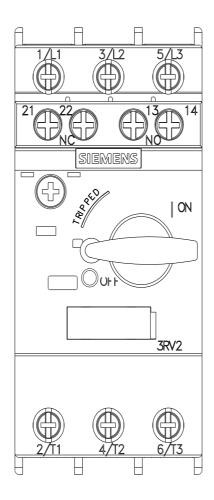
number of poles for main current circuit 3 dependent overload rolese 45 5.3 A dependent overload rolese 20 600 V ended value 50 0.0 Nz operating order related value 53.A 0.00 V operating concernent related value 53.A 0.00 Nz operating concernent related value 53.A 0.00 Nz operating concernent related value 53.A 0.00 Nz operating concernent related value 63.A 0.00 Nz operating concernent related value 0.00 Nz 0.00 Nz operating concernent related value 0.00 Nz 0.00 Nz operating concernent related value 0.00 Nz 0.00 Nz operating requery 1.00 Nz 0.00 Nz operating requery 1.00 Nz 0.00 Nz operating requery 1.00 Nz 0.00 Nz operating requery 0.00 Nz		
dependent overhaal relaase constant • raft do value 20 600 V operating of value maximum 600 V operating frequency relad value 63 60 Hz operating frequency relad value 23 600 V operating frequency 15 6W at 400 V raide value 24 W at 400 V raide value 3 6W at 600 V raide value 4 W operating frequency 4 6W operating frequency 4 6W operating frequency 4 6W operating frequency 5 6M operating frequency	number of poles for main current circuit	3
operating voltage 2060 V operating trequency rated value 5060 V operating trequency rated value 53.A operational current rated value 53.A operational current 63.A - at 230 V rated value 53.A - at 230 V rated value 53.A - at 230 V rated value 53.A - at 230 V rated value 22.wW - at 550 V rated value 3.WW operating frequency 4.WW operational current of auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts at AC-15 4.12.0 V ot 12.0 V 0.5.A		4.5 6.3 A
• inf <20 with the second se	•	
- at AC3 rated value maximum 690 V operational current rated value 6.3 A operating power 1.5 kW - at 230 V rated value 2.5 W - at 600 V rated value 2.5 W - at 600 V rated value 4.5 W operating frequency 5.5 th - at AC3 maximum 1.5 th operating frequency 5.5 th - at AC3 maximum 5.5 th Acaditary circle 1 operational current of auxiliary contacts at AC-15 1 operational current of auxiliary contacts at AC-15 0 operational current of auxiliary contacts at AC-15 0.5 A - at 24 V 0.5 A - at 25 V 0.5 A - at 24 V 0.5 A - at 60 V rated value 0.5 A operational current of auxiliary contacts at AC-13 1.4 - at 60 V rated value 0.5 A	operating voltage	
operating frequency rated value 50 60 Hz operational current read value 6.3 A operational current 6.3 A operational current 6.3 A operational current 6.3 A operating prover 6.3 A	rated value	
operational current 6.3 A operational current 6.3 A operating power 6.3 A - at 230 V rated value 6.3 A - at 230 V rated value 2.5 KW - at 230 V rated value 2.5 KW - at 200 V rated value 2.5 KW - at 200 V rated value 2.5 KW - at 200 V rated value 3.5 KW - at 200 V rated value 4.5 KW operating frequency 4.5 KW - at 210 V 15 f.1h Auxiliary circuits 1 number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 0 operational current of auxiliary contacts at DC-13 0 - at 23 V 0.5 A operational current of auxiliary contacts at DC-13 1.A - at 20 V 0.5 A operational current of auxiliary contacts at DC-13 1.A	 at AC-3 rated value maximum 	690 V
Operating over 6.3 A • et AC-3 at 40 V rated value 6.3 A • et AC-3 1.5 kW • at 400 V rated value 2.5 kW • at 400 V rated value 2.5 kW • at 800 V rated value 2.5 kW • at 800 V rated value 3.6 kW • at 800 V rated value 3.6 kW • at 800 V rated value 4.6 kW operating frequency 4.6 kW • at AC-3 at andum 15 1.h Auxiliary orient 1 number of NC contracts for auxiliary contracts 1 number of CO contracts for auxiliary contracts 1 number of CO contracts for auxiliary contracts 0 Operational current of auxiliary contracts at AC-18 2.A • at 120 V 0.5 A • at 24 V 0.5 A • at 24 V 1.A • at 24 V 1.6 A • at 24 V 1.6 A • at 0.0 V 0.5 A • product function No • product function No • product function No • produ	operating frequency rated value	50 60 Hz
• at AC3 6.3 A operating power 6.3 A • at AC3 - at 230 V rated value • at AC3 1.5 kW • at 600 V rated value 2.2 kW • at 600 V rated value 3 kW • at AC3 maximum 15 th Axallary circuit transverse • at AC3 maximum 15 th Axallary circuit transverse • at AC3 maximum 1 number of NC contacts for auxiliary contacts 1 number of CC contacts for auxiliary contacts at AC15 0 • at 24 V 2.4 • at 250 V 0.5 A • at 26 V 0.5 A • at 27 V 0.5 A • at 280 V rated value 0.5 A • at 280 V rated valu	operational current rated value	6.3 A
operating power a. A.C.3 a. 23.0.V rated value a. 23.0.V rated value b.S.WV a. at 20.0.V rated value b.S.WV a. at 80.0.V rated value b.S.WV at AC.3 maximum b.S.WV at AC.3 maximum b.S.WV at AC.3 maximum b.S.WV at AC.4 maximum b.S.WV at AC.4 maximum b.S.WV c. at AV at 24.V at 24.V at 25.V b.S.A <lib.s.a< li=""> <lib.s.a< li=""></lib.s.a<></lib.s.a<>	operational current	
• al AC3 - al 230 V rated value 1.5 kW - al 400 V rated value 2.2 kW - al 600 V rated value 3 kW - al 600 V rated value 3 kW - al 600 V rated value 4 kW operating frequency 4 kW - al 600 V rated value 10 kW operating frequency 1 - al 720 V rated value 1 - al 720 V rated value 1 - al 720 V rated value younds 0 operating frequency 2.4 - al 220 V 0.5 A - al 220 V rated value 0.15 A Protect function Vers - al 200 V	 at AC-3 at 400 V rated value 	6.3 A
	operating power	
	• at AC-3	
	— at 230 V rated value	1.5 kW
	— at 400 V rated value	2.2 kW
operating frequency 15 f/h at AC-3 maximum 15 f/h design of the auxiliary switch transverse number of NC contacts for auxiliary contacts 1 number of CO contacts for auxiliary contacts 0 operational current of auxiliary contacts at AC-15 - • at 24 V 2 A • at 120 V 0.5 A • at 230 V 0.5 A operational current of auxiliary contacts at DC-13 - • at 24 V 1 A • at 20 V 0.15 A Protective and monitoring functions Protective and monitoring functions product function No • phase failure detection Yes trip class CLASS 10 design of the overload rolease Ithermal maximum short-circuit current breaking capacity (leu) - • at AC at 900 V rated value 100 kA • at AC at 900 V rated value 100 kA • at AC at 900 V rated value 100 kA • at AC at 900 V rated value 100 kA • at AC at 900 V rated value 100 kA • at AC at 900 V rated value 100 kA • at AC at 900	— at 500 V rated value	3 kW
• at AC-3 maximum 15 l/h Auxiliary circuit transverse number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 0 operational current of auxiliary contacts at AC-15 2 A • at 24 V 2 A • at 25 V 0.5 A • at 24 V 0.15 A • at 25 V 0.15 A • at 26 V 0.15 A • at 27 V 0.15 A • at 28 V 0.15 A • at 20 V 0.15 A • at 20 V 0.15 A • at 24 V 1 A • at 24 V 0.15 A • at 24 V V rade Value <td< td=""><td>— at 690 V rated value</td><td>4 kW</td></td<>	— at 690 V rated value	4 kW
Auxiliary circuit Transverse number of K2 contacts for auxiliary contacts 1 number of K2 contacts for auxiliary contacts 0 operational current of auxiliary contacts at AC-15 4 • at 24 V 2.A • at 120 V 0.5 A • at 22 V 0.5 A • at 24 V 1.A • at 24 V 0.5 A • at 24 V 0.5 A • at 20 V 0.5 A • at 60 V 0.15 A Protective and monitoring functions Vice Case inground fault detection Yes trip class CLASS 10 design of the overload rolese thermal maximum short-circuit current breaking capacity	operating frequency	
design of the auxiliary switch transverse number of NC contacts for auxiliary contacts 1 number of CO contacts for auxiliary contacts 0 operational current of auxiliary contacts 0 et 24 V 2 A et 25 V 0.5 A et 20 V 0.5 A et 30 V 0.5 A et 42 V 1 A et 60 V 0.5 A et 24 V 1 A et 60 V 0.5 A et 60 V	• at AC-3 maximum	15 1/h
number of NC contacts for auxiliary contacts 1 number of NO 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 120 V 0.5 A • at 230 V 0.5 A • at 24 V 1.A • at 230 V 0.5 A • at 240 V 0.5 A • at 240 V 0.5 A • at 250 V 0.5 A • at 260 V 0.15 A Protective and monitoring functions Protective and monitoring functions product function No • ground fault detection Yes trip class CLASS 10 design of the overload release thermal maximum short-circuit current breaking capacity (icu) • • 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 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 600	Auxiliary circuit	
number of NC contacts for auxiliary contacts 1 number of NO 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 120 V 0.5 A • at 230 V 0.5 A • at 24 V 1.A • at 230 V 0.5 A • at 240 V 0.5 A • at 240 V 0.5 A • at 250 V 0.5 A • at 260 V 0.15 A Protective and monitoring functions Protective and monitoring functions product function No • ground fault detection Yes trip class CLASS 10 design of the overload release thermal maximum short-circuit current breaking capacity (icu) • • 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 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 600	design of the auxiliary switch	transverse
number of NO contacts for auxiliary contacts 0 operational current of auxiliary contacts at AC-15 0 • at 24 V 2 A • at 120 V 0.5 A • at 125 V 0.5 A • at 230 V 0.5 A • at 24 V 0.5 A • at 230 V 0.5 A • at 24 V 0.5 A • at 24 V 0.15 A Protective and monitoring functions 0 product function No • ground fault 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 AC at 500 V rated value 100 kA • at 400 V rated value 100 kA • at 600 V rated value 100 kA <td></td> <td>1</td>		1
number of CO contacts for auxiliary contacts 0 operational current of auxiliary contacts at AC-15 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 1.A • at 60 V 0.15 A Protective and monitoring functions Protective and monitoring functions product function No • phase failure detection Yes thip 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 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 400 V rated value 100 kA • at 400 V rated value 100 kA • at 600 V rated value 100 kA		1
operational current of auxiliary contacts at AC-15 2 A • at 24 V 2 A • at 125 V 0.5 A • at 230 V 0.5 A operational current of auxiliary contacts at DC-13 • at 24 V • at 24 V 0.5 A • at 24 V 1 A • at 60 V 0.15 A Protective and monitoring functions product function • ground fault detection Yes trip class CLASS 10 design of the overload release thermail 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 400 V rated value 100 kA • at AC at 400 V rated value 100 kA • 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 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		
		2 A
• at 125 V 0.5 A • at 230 V 0.5 A operational current of auxiliary contacts at DC-13		
• at 230 V 0.5 A operational current of auxiliary contacts at DC-13 1 • at 24 V 1 A • at 60 V 0.15 A Protective and monitoring functions product function • 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 500 V rated value 100 kA • at AC at 600 V rated value 6 kA operating short-circuit current breaking capacity (Icu) • at AC at 600 V rated value • at 240 V rated value 100 kA • at 40 V rated value 100 kA • at 40 V rated value 100 kA • at 400 V rated value 100 kA • at 600 V rated value 4 kA response value current of instantaneous short-circuit trip unit 82 A Short-circuit protection Yes design of the shor		
operational current of auxiliary contacts at DC-13 1 A • at 24 V 1 A • at 60 V 0.15 A Protective and monitoring functions product function • 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 200 V rated value 100 kA • at AC at 400 V rated value 100 kA • at AC at 600 V rated value 100 kA • at AC at 600 V rated value 100 kA • at AC at 600 V rated value 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 400 V rated value 100 kA • at 400 V rated value 100 kA • at 600 V rated value 100 kA •		
• at 80 V 0.15 A Protective and monitoring functions product function • ground fault detection • 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 100 kA • 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 500 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 • at 600 V rate		0.0 A
• at 60 V 0.15 A Protective and monitoring functions Product function • 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 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 90 V rated value 100 kA • at 400 V rated value 100 kA • at 600 V rated value 100 kA • at 500 V rated value 100 kA • at 500 V rated value 100 kA • at 500 V rated value 4 kA response value current of instantaneous short-circuit trip unit 82 A Short-circuit protection Yes design of the fuse link for IT network for short-circuit fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lik < 400 A)		1 Δ
Protective and monitoring functions product function • 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 100 kA • at AC at 200 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 6 kA operating short-circuit current breaking capacity (Ics) at AC 100 kA • at 400 V rated value 100 kA • at 2400 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 4 kA response value current of instantaneous short-circuit trip unit 82 A Short-circuit protection Yes design of the fuse link fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current		
product function 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 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 6 kA operating short-circuit current breaking capacity (Ics) at AC • at 240 V rated value • 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		0.10 A
• 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 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 600 V rated value 100 kA • at 600 V rated value 4 kA response value current of instantaneous short-circuit trip unit 82 A Short-circuit protection Yes design of the fuse link fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		
• phase failure detection Yes 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 6 kA operating short-circuit current breaking capacity (Ics) at AC 6 • 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 100 kA • at 600 V rated value 4 kA response value current of instantaneous short-circuit trip unit 82 A Short-circuit protection Yes design of the short-circuit trip magnetic design of the short-circuit protection Yes design of the fuse link fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		No
trip class CLASS 10 design of the overload release thermal maximum short-circuit current breaking capacity (Icu) i • 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 6 kA operating short-circuit current breaking capacity (Ics) at AC 6 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 400 V rated value 100 kA • at 600 V isotrcircuit protection Yes	-	
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 600 V rated value 100 kA • at AC at 600 V rated value 6 kA operating short-circuit current breaking capacity (Ics) at AC 6 • 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 690 V rated value 100 kA • at 690 V rated value 100 kA • at 690 V rated value 4 kA sponse value current of instantaneous short-circuit trip unit 82 A Short-circuit protection Yes design of the fuse link magnetic • for short-circuit protection of the auxiliary switch required fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)	•	
maximum short-circuit current breaking capacity (Icu) 100 kA • at AC at 240 V rated value 100 kA • at AC at 400 V rated value 100 kA • at AC at 500 V rated value 100 kA • at AC at 690 V rated value 100 kA • at AC at 690 V rated value 6 kA 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 690 V rated value 4 kA response value current of instantaneous short-circuit trip unit 82 A Short-circuit protection Yes product function short circuit protection Yes design of the fuse link fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)	•	
• 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 6 kA operating short-circuit current breaking capacity (Ics) at AC 6 kA • at 240 V rated value 100 kA • at 400 V rated value 100 kA • at 690 V rated value 100 kA • at 690 V rated value 4 kA response value current of instantaneous short-circuit trip unit 82 A Short-circuit protection Yes design of the short-circuit protection Yes design of the fuse link fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		ulennai
• at AC at 400 V rated value100 kA• at AC at 500 V rated value100 kA• at AC at 690 V rated value6 kAoperating short-circuit current breaking capacity (Ics) at AC• at 240 V rated value100 kA• at 240 V rated value100 kA• at 400 V rated value100 kA• at 500 V rated value100 kA• at 690 V rated value100 kA• at 690 V rated value4 kAresponse value current of instantaneous short-circuit trip unit82 AShort-circuit protectionYesdesign of the short-circuit protection of the auxiliary switch requiredfuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		
• at AC at 500 V rated value100 kA• at AC at 690 V rated value6 kAoperating short-circuit current breaking capacity (Ics) at AC• at 240 V rated value100 kA• at 400 V rated value100 kA• at 500 V rated value100 kA• at 690 V rated value100 kA• at 690 V rated value100 kA• at 690 V rated value4 kAresponse value current of instantaneous short-circuit trip unit82 AShort-circuit protectionYesdesign of the short-circuit protection of the auxiliary switch requiredfuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current Ik < 400 A)		
e at AC at 690 V rated value 6 kA operating short-circuit current breaking capacity (Ics) at AC 100 kA e at 240 V rated value 100 kA e at 400 V rated value 100 kA e at 500 V rated value 100 kA e at 690 V rated value 100 kA e at 690 V rated value 4 kA response value current of instantaneous short-circuit trip unit 82 A Short-circuit protection Yes design of the short-circuit protection of the auxiliary switch required fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		
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 4 kA response value current of instantaneous short-circuit trip unit 82 A Short-circuit protection Yes product function short circuit protection Yes design of the short-circuit trip magnetic design of the fuse link fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		
• at 240 V rated value 100 kA • at 400 V rated value 100 kA • at 500 V rated value 100 kA • at 690 V rated value 4 kA response value current of instantaneous short-circuit trip unit 82 A Short-circuit protection Yes design of the short-circuit trip magnetic design of the fuse link fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		0 KA
• at 400 V rated value100 kA• at 500 V rated value100 kA• at 690 V rated value4 kAresponse value current of instantaneous short-circuit trip unit82 AShort-circuit protectionYesproduct function short circuit protectionYesdesign of the short-circuit tripmagneticdesign of the fuse linkfuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		400 //4
• at 500 V rated value 100 kA • at 690 V rated value 4 kA response value current of instantaneous short-circuit trip unit 82 A Short-circuit protection Yes design of the short-circuit trip magnetic design of the fuse link fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		
• at 690 V rated value 4 kA response value current of instantaneous short-circuit trip unit 82 A Short-circuit protection Yes design of the short-circuit trip magnetic design of the fuse link fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		
response value current of instantaneous short-circuit trip unit 82 A Short-circuit protection Yes product function short circuit protection Yes design of the short-circuit trip magnetic design of the fuse link fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		
Short-circuit protection Yes product function short circuit protection Yes design of the short-circuit trip magnetic design of the fuse link fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		
product function short circuit protection Yes design of the short-circuit trip magnetic design of the fuse link fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)	· · ·	82 A
design of the short-circuit trip magnetic design of the fuse link fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		
design of the fuse link fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		
• for short-circuit protection of the auxiliary switch required fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)		magnetic
design of the fuse link for IT network for short-circuit protection of the main circuit gG 50 A • at 400 V gG 50 A • at 500 V gG 40 A • at 690 V gG 35 A Installation/ mounting/ dimensions any	-	
protection of the main circuit gG 50 A • at 400 V gG 50 A • at 500 V gG 40 A • at 690 V gG 35 A Installation/ mounting/ dimensions any	 for short-circuit protection of the auxiliary switch required 	fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)
• at 400 VgG 50 A• at 500 VgG 40 A• at 690 VgG 35 AInstallation/ mounting/ dimensionsany		
		-0.50.4
• at 690 V gG 35 A Installation/ mounting/ dimensions mounting position any		-
Installation/ mounting/ dimensions mounting position any		
mounting position any		gG 35 A
	Installation/ mounting/ dimensions	
fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715		

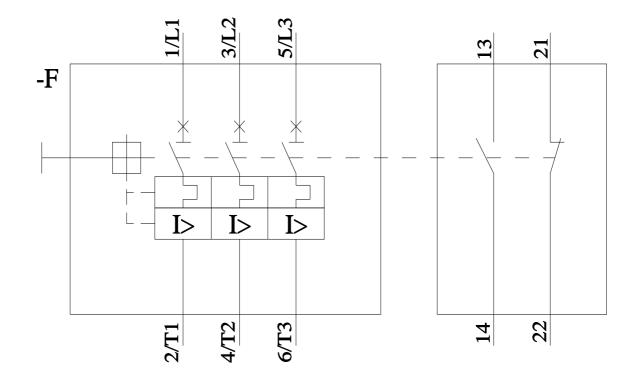
height	97 mm
width	45 mm
depth	97 mm
required spacing	
with side-by-side mounting at the side	0 mm
• for grounded parts at 400 V	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
• for live parts at 400 V	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
 for grounded parts at 500 V 	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
 for live parts at 500 V 	
— 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	
type of electrical connection	
for main current circuit for current circuit	screw-type terminals
for auxiliary and control circuit arrangement of electrical connectors for main current	screw-type terminals Top and bottom
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)
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 mm²), 2x (0.75 2.5 mm²)
tightening torque	
for main contacts with screw-type terminals	0.8 1.2 N·m
for auxiliary 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 size 2
design of the thread of the connection screw	M2
for main contacts of the survillance and control contacts	M3
of the auxiliary and control contacts	M3
IEC 61508 T1 value	
 for proof test interval or service life according to IEC 61508 	10 a
Electrical Safety	
protection class IP on the front according to IEC 60529	IP20

touch protection on the front according to IEC 60529		60529 finge	finger-safe, for vertical contact from the front			
Display						
display version for swite	ching status	Hand	dle			
Approvals Certificates					Tast Ostifiantes	
General Product App	roval				Test Certificates	
CE EG-Konf.	UK CA	<u>Confirmation</u>	KC	EHC	<u>Type Test Certific-</u> ates/Test Report	
Test Certificates	Marine / Shipping					
Special Test Certific- ate	ABS	BUREAU VERITAS		Llovd's Register urs	PRS	
Marine / Shipping	other			Railway		
RINA	<u>Miscellaneous</u>	<u>Confirmation</u>		Confirmation	<u>Special Test Certific-</u> <u>ate</u>	
Environment						
EPD	Siemens EcoTech	Environmental Con- firmations				
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=3RV2011-1GA15-0BA0 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2011-1GA15-0BA0 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-1GA15-0BA0 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/cs/ww/en/ps/3RV2011-1GA15-0BA0/cha15-0BA0⟨=en Characteristic: Tripping characteristics, I ² t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-1GA15-0BA0/char Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2011-1GA15-0BA0&objecttype=14&gridview=view1						









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