SIEMENS

Data sheet 3RV2011-1GA10



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



product designation design of the product product type designation SRV2 General technical data size of the circuit-breaker size of contactor can be combined company-specific product extension auxiliary switch power loss [W] for rated value of the current • at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles)	
design of the product product type designation 3RV2 General technical data size of the circuit-breaker Size of contactor can be combined company-specific product extension auxiliary switch power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 25g / 11 ms	
size of the circuit-breaker size of contactor can be combined company-specific product extension auxiliary switch power loss [W] for rated value of the current at AC in hot operating state at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 S00, S0 Yes 7.25 W 2.4 W 690 V Surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 25g / 11 ms	
size of the circuit-breaker size of contactor can be combined company-specific product extension auxiliary switch power loss [W] for rated value of the current at AC in hot operating state at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 solution	
size of contactor can be combined company-specific product extension auxiliary switch power loss [W] for rated value of the current at AC in hot operating state at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 25g / 11 ms	
product extension auxiliary switch power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state per pole • at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 25g / 11 ms	
power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state per pole • at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 25g / 11 ms	
 at AC in hot operating state at AC in hot operating state per pole at AC in hot operating state per pole 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 	
 at AC in hot operating state per pole 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 	
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	
surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 25g / 11 ms	
shock resistance according to IEC 60068-2-27 25g / 11 ms	
mechanical service life (operating cycles)	
· Crr · · · · · · · · · · · · · · · · ·	
• of the main contacts typical 100 000	
• of auxiliary contacts typical 100 000	
electrical endurance (operating cycles) typical 100 000	
reference code according to IEC 81346-2 Q	
Substance Prohibitance (Date) 10/01/2009	
SVHC substance name Lead - 7439-92-1	
Ambient conditions	
installation altitude at height above sea level maximum 2 000 m	
ambient temperature	
• during operation -20 +60 °C	
• during storage -50 +80 °C	
• during transport -50 +80 °C	
relative humidity during operation 10 95 %	
Main circuit	
number of poles for main current circuit 3	
adjustable current response value current of the current- dependent overload release	
operating voltage	
• rated value 20 690 V	
• at AC-3 rated value maximum 690 V	
at AC-3e rated value maximum 690 V	
▼ at No-se rated value maximum 090 v	

Section Current	operational current rated value	63 /
### AG-3 at 400 V ratio value	operational current rated value	6.3 A
# at AC-3e at 400 V rated value - at AC-30 V rated value - at AC-30 V rated value - at 500 V rated value - at 600 V rated	-	6.2.4
Part		
* all AC-3		6.3 A
at 400 V rated value		45100
at 500 V rated value		
at 800 V rated value		
at 230 V rated value		4 KVV
		4-111
— at 809 V rated value		
operating frequency • al AC-3 maximum • al AC-3 maximum 15 1/h • al AC-3 maximum 15 1/h Auxillary circuit number of NC contacts for auxillary contacts number of NC contacts for auxillary contacts number of NC contacts for auxillary contacts number of CO contacts for auxillary contacts Protective and molitoring functions product function • ground fault detection • pround fault detection • provide the overload release design of the overload release maximum short-circuit current breaking capacity (icu) • al AC at 240 V rated value • al AC at 250 V rated value • al AC at 550 V rated value • al 600 V rated value		
eat AC-3 maximum		4 kW
Auxillary circuit number of NC contacts for auxillary contacts 0 number of NC contacts for auxillary contacts 0 number of NC contacts for auxillary contacts 0 product function ground fault detection Yes trip class CLASS 10 design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at 400 V rated value • at 500 V rated value • at 400 V rated value • at 400 V rated value • at 500 V rated value • at 600 V rated value • at 800 V rated value • 50 S p - at 200208 V rated value • 15 pp - at 200208 V rated value • at 575600 V rated value • 5 pp Short-circuit protection product function short circuit protection • 4000 V at 5000 V at 500 V at 5000 V at 5		
number of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 product function • ground fault detection • product function short circuit frop the main circuit • at 400 V • at 500 V • at 500 V • at 500 V		15 1/h
number of NO contacts for auxiliary contacts		
Protect Verve and monitoring functions Product function ground fault detection phase failure detection phase failure detection 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 500 V rated value at AC at 500 V rated value poperating short-circuit current breaking capacity (Ics) at AC at 240 V rated value poperating short-circuit current breaking capacity (Ics) at AC at 240 V rated value poperating short-circuit current breaking capacity (Ics) at AC at 240 V rated value poperating short-circuit current breaking capacity (Ics) at AC at 240 V rated value poperating short-circuit current breaking capacity (Ics) at AC at 240 V rated value poperating short-circuit for short-circuit trip unit at 500 V rated value poperating short-circuit current breaking capacity (Ics) at AC at 500 V rated value poperating short-circuit short-circuit trip unit at 500 V rated value poperating short-circuit short-c		
Protective and monitoring functions product function • ground fault detection • product function • phase failure detection • phase failure detection trip class CLASS 10 design of the overload release maximum short-circuit current breaking capacity (tcu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at AC at 400 V rated value • at 800 V rated value • for 3-phase AC motor — at 110/120 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor — at 200/200		
product function ground fault detection phase failure detection phase failure detection phase failure detection Pes CLASS 10 themal maximum short-circuit current breaking capacity ((cu) at AC at 240 V rated value at AC at 240 V rated value at AC at 5500 V rated value at AC at 5500 V rated value at AC at 690 V rated value at 600 V rated value at 500 V rated value at 500 V rated value at 500 V rated value at 600 V rated value bin 60.3 A gielded mechanical performance (hp) of or single-phase AC motor at 101/120 V rated value of 3 phase AC motor at 200/200 V rated value 1 ph at 200/200 V rated value 1 ph at 200/200 V rated value 1 ph at 200/200 V rated value 3 ph at 460480 V rated value 3 ph at 460480 V rated value 3 ph at 4575/6000 V rated value 5 ph Short-circuit protection product function short circuit protection yes design of the fuse link for IT network for short-circuit protection the main circuit at 400 V at 500 V at 500 V at 500 V at 500 V gl/gG 50 A gl/gG 50 A at 630 V gl/gG 50 A	·	0
	Protective and monitoring functions	
	product function	
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 500 V rated value • at AC at 500 V rated value • at 240 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 800 V rated value • at 800 V rated value • 6.3 A ULCSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • 6.3 A yielded mechanical performance [hp] • for single-phase AC motor • at 110/120 V rated value • for 3-phase AC motor • at 200/208 V rated value • 1.5 hp • at 200/208 V rated value • 1.5 hp • at 200/208 V rated value • 1.5 hp • at 46049 V rated value • 1.5 hp • at 46049 V rated value • 3 hp • at 575/600 V rated value • 3 hp Product function short circuit protection product function short circuit trip design of the fuse link for T network for short-circuit trip et 400 V • at 500 V • at 500 V • at 600 V	 ground fault detection 	No
design of the overload release	phase failure detection	Yes
maximum short-circuit current breaking capacity (Icu)	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 690 V rated value operating short-circuit current breaking capacity (Ics) at AC at 240 V rated value 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 UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 6.3 A at 690 V rated value 6.3 A yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value 5 hp at 230 V rated value 0.5 hp for 3-phase AC motor — at 220/230 V rated value 1 hp — at 220/230 V rated value 1 hp — at 220/230 V rated value 3 hp — at 460/480 V rated value 3 hp — at 6576/600 V rated value 5 hp Short-circuit protection product function short circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit at 400 V at 690 V gL/gG 50 A at 690 V gL/gG 40 A at 690 V	 at AC at 400 V rated value 	100 kA
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 500 V rated value • at 690 V rated value • at 480 V rated value • at 480 V rated value • at 600 V rated value • at 110/120 V rated value • or 3-phase AC motor • at 230 V rated value • for 3-phase AC motor • at 200/208 V rated value • for 3-phase AC motor • at 200/208 V rated value • for 3-phase AC motor • at 200/208 V rated value • for 3-phase AC motor • at 260/200 V rated value • for 3-phase AC motor • at 250/200 V rated value • for 3-phase AC motor • at 260/200 V rated value • for 3-phase AC motor • at 260/200 V rated value • for 3-phase AC motor • at 260/200 V rated value • for 3-phase AC motor • at 480/480 V rated value • for 3-phase AC motor • at 260/200 V rated value • for 3-phase AC motor • at 480/480 V rated value • for 3-phase AC motor • at 480/480 V rated value • for 3-phase AC motor • for 4-phase AC motor	 at AC at 500 V rated value 	100 kA
	at AC at 690 V rated value	6 kA
at 400 V rated value at 500 V rated value at 600 V rated value 4 KA response value current of instantaneous short-circuit trip unit 82 A UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 6.3 A at 600 V rated value 6.3 A yielded mechanical performance [hp] of or single-phase AC motor — at 110/120 V rated value 0.5 hp of or 3-phase AC motor — at 220 V rated value 1.5 hp at 220/230 V rated value 1.5 hp — at 220/230 V rated value 3 hp — at 460/480 V rated value 3 hp — at 575/600 V rated value 5 hp Short-circuit protection product function short circuit protection design of the fuse link for IT network for short-circuit protection of the main circuit at 400 V at 600 V at 600 V gL/gG 50 A at 600 V gL/gG 40 A gL/gG 35 A	operating short-circuit current breaking capacity (Ics) at AC	
at 500 V rated value at 690 V rated value 4 kA response 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 6.3 A at 600 V rated value 6.3 A yielded mechanical performance [hp] of or single-phase AC motor — at 110/120 V rated value 0.25 hp — at 230 V rated value 0.5 hp of 3-phase AC motor — at 220/208 V rated value 1 hp — at 220/230 V rated value 1 1.5 hp — at 460/480 V rated value 3 hp — at 575/600 V rated value 5 hort-circuit protection product function short circuit protection design of the fuse link for IT network for short-circuit protection of the main circuit at 400 V of at 500 V of at 600 V	• at 240 V rated value	100 kA
■ at 690 V rated value response value current of instantaneous short-circuit trip unit 82 A UL/CSA ratings full-load current (FLA) for 3-phase AC motor ■ at 480 V rated value ■ at 600 V rated value ■ at 600 V rated value ■ for single-phase AC motor — at 110/120 V rated value ■ of single-phase AC motor — at 230 V rated value ■ of or 3-phase AC motor — at 200/208 V rated value ■ for 3-phase AC motor — at 220/230 V rated value □ at 460/480 V rated value □ at 660/480 V rated value □ at 575/600 V rated value □ at 575/600 V rated value □ at 460/480 V rated value □ at	at 400 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 • at 480 V rated value • at 600 V rated value • at 600 V rated value • for single-phase AC motor — at 110/120 V rated value • for 3-phase AC motor — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value 1 hp — at 220/230 V rated value 1 s hp — at 460/480 V rated value 3 hp — at 575/600 V rated value 5 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 500 V • at 500 V • at 500 V • at 690 V	• at 500 V rated value	100 kA
### Company of the short-circuit protection #### UII-load current (FLA) for 3-phase AC motor ### at 480 V rated value ### at 280 V rated value ### at 480 V vated value ### at 480 V rated value ### at 480 V rated value ### bip ### at 480 V rated value ### bip ### short-circuit protection ### protection short circuit protection ### design of the short-circuit trip ### design of the fuse link for IT network for short-circuit protection of the main circuit ### at 400 V ###	at 690 V rated value	4 kA
full-load current (FLA) for 3-phase AC motor 6.3 A ● at 800 V rated value 6.3 A yielded mechanical performance [hp] 6.3 A • for single-phase AC motor - at 110/120 V rated value 0.25 hp — at 230 V rated value 0.5 hp • for 3-phase AC motor - at 200/208 V rated value 1 hp — at 220/230 V rated value 1.5 hp — at 460/480 V rated value 3 hp — at 575/600 V rated value 5 hp Short-circuit protection 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 400 V • at 400 V gL/gG 50 A • at 500 V gL/gG 40 A • at 690 V gL/gG 35 A	response value current of instantaneous short-circuit trip unit	82 A
■ at 480 V rated value ■ at 600 V rated value ■ 6.3 A yielded mechanical performance [hp] ● for single-phase AC motor — at 110/120 V rated value — at 230 V rated value ● for 3-phase AC motor — at 200/208 V rated value — at 2200/230 V rated value — at 2200/230 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value — at 575/600 V rated value — at 690 V Short-circuit protection Product function short circuit protection design of the short-circuit trip e at 400 V ● at 500 V ● at 500 V ● at 690 V gL/gG 50 A ● at 690 V	UL/CSA ratings	
at 600 V rated value yielded mechanical performance [hp]	full-load current (FLA) for 3-phase AC motor	
yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value 9.5 hp • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value product function short circuit protection product function short circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 500 V • at 690 V gL/gG 50 A • at 690 V	• at 480 V rated value	6.3 A
for single-phase AC motor — at 110/120 V rated value — at 230 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value — by the foliable of the short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V • at 690 V	at 600 V rated value	6.3 A
— at 110/120 V rated value 0.25 hp — at 230 V rated value 0.5 hp • for 3-phase AC motor — at 200/208 V rated value 1 hp — at 220/230 V rated value 1.5 hp — at 460/480 V rated value 3 hp — at 575/600 V rated value 5 hp Short-circuit protection 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 400 V • at 500 V • at 500 V • at 690 V • at 690 V	yielded mechanical performance [hp]	
- at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value 5 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V 0.5 hp 1 hp 2 hp 3 hp 5 hp Short-circuit protection Yes design of the short-circuit trip magnetic	• for single-phase AC motor	
for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V • at 690 V	— at 110/120 V rated value	0.25 hp
- at 200/208 V rated value 1.5 hp - at 220/230 V rated value 3.5 hp - at 460/480 V rated value 5 hp Short-circuit protection 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 400 V • at 500 V • at 500 V • at 690 V gL/gG 35 A	— at 230 V rated value	0.5 hp
- at 220/230 V rated value - at 460/480 V rated value 3 hp - at 575/600 V rated value 5 hp Short-circuit protection product function short circuit protection design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 500 V • at 690 V gL/gG 35 A	• for 3-phase AC motor	
- at 460/480 V rated value 3 hp - at 575/600 V rated value 5 hp Short-circuit protection 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 400 V gL/gG 50 A • at 500 V gL/gG 40 A • at 690 V gL/gG 35 A	— at 200/208 V rated value	1 hp
— at 575/600 V rated value 5 hp Short-circuit protection 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 400 V gL/gG 50 A • at 500 V gL/gG 40 A • at 690 V gL/gG 35 A	— at 220/230 V rated value	1.5 hp
product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V gL/gG 35 A	— at 460/480 V rated value	3 hp
product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V gL/gG 35 A	— at 575/600 V rated value	5 hp
design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V gL/gG 35 A	Short-circuit protection	
design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V gL/gG 35 A	product function short circuit protection	Yes
design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V gL/gG 35 A		magnetic
• at 500 V gL/gG 40 A • at 690 V gL/gG 35 A	design of the fuse link for IT network for short-circuit	
• at 690 V gL/gG 35 A	• at 400 V	gL/gG 50 A
	• at 500 V	gL/gG 40 A
Installation/ mounting/ dimensions	• at 690 V	gL/gG 35 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	V IIIII
— downwards	30 mm
	30 mm
— upwards	
— 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	O Hilli
type of electrical connection	
• for main current circuit	screw-type terminals
arrangement of electrical connectors for main current	Top and bottom
circuit	
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)
for 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 size 2
design of the thread of the connection screw	
• for main contacts	M3
Safety related data	
product function suitable for safety function	Yes
suitability for use	
safety-related switching on	No
safety-related switching OFF	Yes
service life maximum	10 a
test wear-related service life necessary	Yes
proportion of dangerous failures	
with low demand rate according to SN 31920	40 %
with high demand rate according to SN 31920 with high demand rate according to SN 31920	50 %
with high demand rate according to 3N 31920	OO 70

B10 value with high demand rate according to SN 31920	5 000
failure rate [FIT] with low demand rate according to SN 31920	50 FIT
ISO 13849	
device type according to ISO 13849-1	3
overdimensioning according to ISO 13849-2 necessary	Yes
IEC 61508	
safety device type according to IEC 61508-2	Type A
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	finger-safe, for vertical contact from the front
Display	
display version for switching status	Handle
Approvals Certificates	

General Product Approval







Confirmation



<u>KC</u>

General Product Approval

For use in hazardous locations

Test Certificates

Marine / Shipping







Special Test Certific-<u>ate</u>

Type Test Certificates/Test Report



Marine / Shipping











Miscellaneous

other

other

Railway

Environment

Confirmation



Special Test Certific-<u>ate</u>

Confirmation







Environment

Environmental Con-<u>firmations</u>

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=3RV2011-1GA10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2011-1GA10

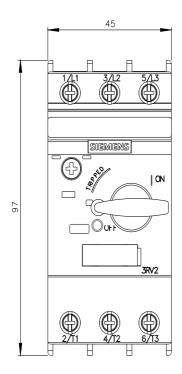
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

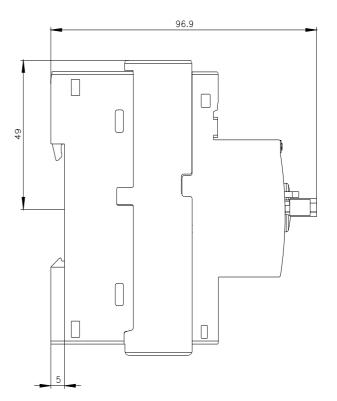
https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-1GA10

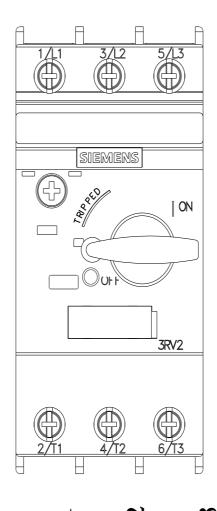
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3RV2011-1GA10&lang=en

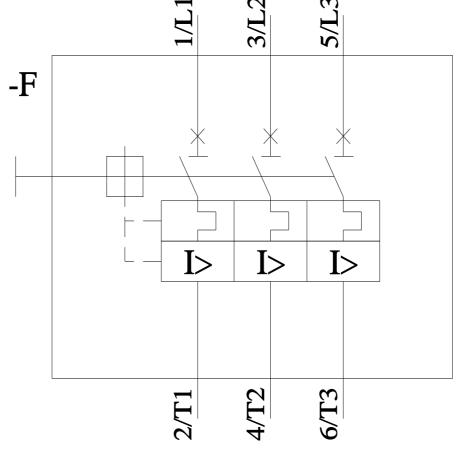
Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-1GA10/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2011-1GA10&objecttype=14&gridview=view1









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