SIEMENS

Data sheet 3RV1011-0GA10



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

product designation design of the product per product type designation 3RV1 General technical data size of the circuit-breaker size of contactor can be combined company-specific product yee designation S00 size of contactor can be combined company-specific product extension auxiliary switch yes 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 surge voltage resistance rated value mechanical service life (operating cycles) • of the main contacts typical • of auxiliary contacts typical electrical endurance (operating cycles) typical voltage system of the state of the	product brand name	SIRIUS
product type designation General technical data size of the circuit-breaker size of contactor can be combined company-specific S00 product extension auxiliary switch yes 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 mechanical service life (operating cycles) • of the main contacts typical • of auxiliary contacts typical 100 000 electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical voltage resistance (Date) 3VHC substance name Lead - 7439-92-1 Ambient conditions installation altitude at height above sea level maximum • during operation • during storage • during transport relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum 980 V operating frequency rated value 0 .63 A operational current • at AC-3 at 400 V rated value 0 .63 A operational current • at AC-3 at 400 V rated value 0 .63 A	product designation	Circuit breaker
Size of the circuit-breaker size of the circuit-breaker size of the circuit-breaker size of contactor can be combined company-specific S00 product extension auxiliary switch Yes power loss IWJ for rated value of the current • at AC in hot operating state 5.5 W • at AC in hot operating state per pole 1.8 W insulation voltage with degree of pollution 3 at AC rated value 680 V surge voltage resistance rated value 6 kV mechanical service life (operating cycles) • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 electrical endurance (operating cycles) (ypical 100 000 reference code according to IEC 81346-2 O Substance Prohibitance (Date) 01/01/2013 SVHC substance name Lead 7439-92-1 Ambient conditions instaliation altitude at height above sea level maximum 2000 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 • at AC-3 rated value maximum 690 V operating frequency rated value • at AC-3 rated value maximum 690 V operating frequency rated value operation urrent rated value 0.63 A operational current rated value 0.63 A	design of the product	For motor protection
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 • 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 mechanical service life (operating cycles) • of the main contacts typical • of auxiliary contacts typical • of auxiliary contacts typical • of auxiliary contacts typical 100 000 electrical endurance (operating cycles) lypical 100 000 substance Prohibitance (Date) SVHC substance name Ambient conditions installation altitude at height above sea level maximum abient temperature • during operation • during storage • during transport relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • at AC-3 ar ated value maximum • at AC-3 ar ated value maximum • at AC-3 ar ted value maximum • at AC-3 ar ted value operation are AC-3 ar ated value • at AC-3 ar ted value maximum • at AC-3 ar ted value	product type designation	3RV1
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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 mechanical service life (operating cycles) • of the main contacts typical 100 000 electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical 7 substance Prohibitance (Date) 7 substance Prohibitance (Date) 7 substance Prohibitance (Date) 7 substance name 8 Lead - 7439-92-1 Ambient conditions Installation altitude at height above sea level maximum 2 bient temperature 6 during operation 2 cu +60 °C 6 during storage 2 cu +80 °C 7 elative humidity during operation 7 substable current response value current of the current-dependent overload release operating voltage 1 at AC-3 rated value maximum 990 V operational current rated value operational current 1 at AC-3 at 400 V rated value 0 coperational current • at AC-3 at 400 V rated value 0 coperational current • at AC-3 at 400 V rated value 0 coperational current - at AC-3 at 400 V rated value 0 coperational current - at AC-3 at 400 V rated value 0 coperational current - at AC-3 at 400 V rated value 0 coperational current - at AC-3 at 400 V rated value 0 coperational current 0 curre	size of contactor can be combined company-specific	S00
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 mechanical service life (operating cycles) of the main contacts typical of auxiliary contacts typical to 0000 electrical endurance (operating cycles) typical reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 3thC substance name Lead -7439-92-1 Ambient conditions installation altitude at height above sea level maximum ambient temperature oluring operation oluring transport oluring transport relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage orated value at AC-3 rated value maximum operational current of at AC-3 rated value maximum operational current operat	product extension auxiliary switch	Yes
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surge voltage resistance rated value mechanical service life (operating cycles) of the main contacts typical lou 000 electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical lou 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 01/01/2013 SYHC substance name Lead - 7439-92-1 Ambient conditions installation altitude at height above sea level maximum ambient temperature olduring operation olduring storage olduring transport relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage arted value at AC-3 rated value maximum eat AC-3 rated value maximum ego V operational current operational current operational current at AC-3 at 400 V rated value 0.63 A 0.63 A	 at AC in hot operating state per pole 	1.8 W
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Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport relative humidity during operation Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • at AC-3 rated value maximum operations frequency rated value operational current • at AC-3 at 400 V rated value 0.63 A	electrical endurance (operating cycles) typical	100 000
SVHC substance name Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • (ated value • at AC-3 rated value maximum operating frequency rated value operational current rated value operational current rated value operational current rated value 0.63 A operational current • at AC-3 at 400 V rated value 0.63 A	reference code according to IEC 81346-2	Q
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relative humidity during operation Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum • at AC-3e rated value maximum operating frequency rated value operational current rated value • at AC-3 at 400 V rated value 0.63 A	 during storage 	-50 +80 °C
number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operational current • at AC-3 at 400 V rated value 0.63 A	during transport	-50 +80 °C
number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operational current • at AC-3 at 400 V rated value 0.63 A	relative humidity during operation	
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dependent overload release operating voltage • rated value • at AC-3 rated value maximum • at AC-3e rated value maximum operating frequency rated value operational current rated value • at AC-3 at 400 V rated value 0.63 A		10 95 %
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 at AC-3e rated value maximum 690 V operating frequency rated value operational current rated value operational current at AC-3 at 400 V rated value 0.63 A 	Main circuit number of poles for main current circuit adjustable current response value current of the current- dependent overload release	3
operating frequency rated value 50 60 Hz operational current rated value 0.63 A operational current • at AC-3 at 400 V rated value 0.63 A	Main circuit number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage	3 0.45 0.63 A
operational current rated value 0.63 A operational current • at AC-3 at 400 V rated value 0.63 A	Main circuit number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage • rated value	3 0.45 0.63 A 20 690 V
operational current • at AC-3 at 400 V rated value 0.63 A	Main circuit number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum	3 0.45 0.63 A 20 690 V 690 V
• at AC-3 at 400 V rated value 0.63 A	Main circuit number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum • at AC-3e rated value maximum	3 0.45 0.63 A 20 690 V 690 V
	Main circuit number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum • at AC-3e rated value maximum operating frequency rated value	3 0.45 0.63 A 20 690 V 690 V 690 V 50 60 Hz
• at AC-3e at 400 V rated value 0.63 A	Main circuit number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum • at AC-3e rated value maximum operating frequency rated value operational current rated value	3 0.45 0.63 A 20 690 V 690 V 690 V 50 60 Hz
	Main circuit number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum • at AC-3e rated value maximum operating frequency rated value operational current rated value operational current	3 0.45 0.63 A 20 690 V 690 V 690 V 50 60 Hz 0.63 A

operating power	
• at AC-3	
— at 230 V rated value	0.1 kW
— at 400 V rated value	0.18 kW
— at 500 V rated value	0.2 kW
— at 690 V rated value	0.3 kW
• at AC-3e	
— at 230 V rated value	0.1 kW
— at 400 V rated value	0.18 kW
— at 500 V rated value	0.2 kW
— at 690 V rated value	0.3 kW
operating frequency	
• at AC-3 maximum	15 1/h
at AC-3e maximum	15 1/h
Auxiliary circuit	
number of CO contacts for auxiliary contacts	0
Protective and monitoring functions	
product function	
ground fault detection	No
phase failure detection	Yes
	CLASS 10
trip class	thermal
design of the overload release	ulermai
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
operating short-circuit current breaking capacity (lcs) at AC	40014
at 240 V rated value	100 kA
at 400 V rated value	100 kA
at 500 V rated value	100 kA
at 690 V rated value	100 kA
response value current of instantaneous short-circuit trip unit	8.2 A
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	0.63 A
at 600 V rated value	0.63 A
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 240 V	none required
• at 400 V	None required
• at 500 V	gL/gG 6 A
• at 690 V	gL/gG 6 A
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
height	90 mm
width	45 mm
depth	75 mm
required spacing	
• for grounded parts at 400 V	
— downwards	20 mm
— upwards	20 mm
— at the side	9 mm
• for live parts at 400 V	
— downwards	20 mm
— upwards	20 mm
— at the side	9 mm

 for grounded parts at 500 V 	
— downwards	20 mm
— upwards	20 mm
— at the side	9 mm
• for live parts at 500 V	
— downwards	20 mm
— upwards	20 mm
— at the side	9 mm
for grounded parts at 690 V	V IIIII
— downwards	20 mm
— upwards	20 mm
— backwards	0 mm
— at the side	9 mm
— forwards	0 mm
• for live parts at 690 V	V IIIII
— downwards	20 mm
— upwards	20 mm
— upwards — backwards	0 mm
— packwards — at the side	9 mm
— forwards	0 mm
Connections/ Terminals	
type of electrical connection	acray has been in all
• 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 (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x (1 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	2x (0.0 1.0 mm), 2x (0.10 2.0 mm)
• for auxiliary contacts	
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
cond or orienteed	2x (6.6 1.6 mm), 2x (6.7 6 2.6 mm)
tightening torque	
tightening torque • for main contacts with screw-type terminals	0.8 1.2 N·m
• for main contacts with screw-type terminals	0.8 1.2 N·m
for main contacts with screw-type terminalsfor auxiliary contacts with screw-type terminals	0.8 1.2 N·m
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip	
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw	0.8 1.2 N·m Pozidriv size 2
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts	0.8 1.2 N·m
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data	0.8 1.2 N·m Pozidriv size 2 M3
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function	0.8 1.2 N·m Pozidriv size 2
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use	0.8 1.2 N·m Pozidriv size 2 M3 Yes
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on	0.8 1.2 N·m Pozidriv size 2 M3 Yes No
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF service life maximum	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF service life maximum test wear-related service life necessary	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures with low demand rate according to SN 31920	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes 40 %
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes 40 % 50 %
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes 40 % 50 % 5 000
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes 40 % 50 %
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes 40 % 50 % 5 000
• for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw • for main contacts Safety related data product function suitable for safety function suitability for use • safety-related switching on • safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes 40 % 50 % 5 000
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes 40 % 50 % 5 000 50 FIT
• for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw • for main contacts Safety related data product function suitable for safety function suitability for use • safety-related switching on • safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes 40 % 50 % 5 000 50 FIT
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes 40 % 50 % 5 000 50 FIT
• for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw • for main contacts Safety related data product function suitable for safety function suitability for use • safety-related switching on • safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes 40 % 50 % 5 000 50 FIT
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes 40 % 50 % 5 000 50 FIT
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes 40 % 50 % 5 000 50 FIT 3 Yes Type A
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures with low demand rate according to SN 31920 swith high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes 40 % 50 % 5 000 50 FIT
for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals size of the screwdriver tip design of the thread of the connection screw for main contacts Safety related data product function suitable for safety function suitability for use safety-related switching on safety-related switching OFF service life maximum test wear-related service life necessary proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ISO 13849 device type according to ISO 13849-1 overdimensioning according to ISO 13849-2 necessary IEC 61508 safety device type according to IEC 61508-2 Electrical Safety protection class IP on the front according to IEC 60529	0.8 1.2 N·m Pozidriv size 2 M3 Yes No Yes 10 a Yes 40 % 50 % 5 000 50 FIT 3 Yes

Approvals Certificates

General Product Approval







Confirmation



<u>KC</u>

General Product Approval

For use in hazardous locations

Test Certificates

Marine / Shipping







Special Test Certificate

Type Test Certificates/Test Report



Marine / Shipping













other

er Railway Environment

Confirmation

Miscellaneous



Special Test Certificate Environmental Confirmations

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=3RV1011-0GA10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV1011-0GA10

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV1011-0GA10

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

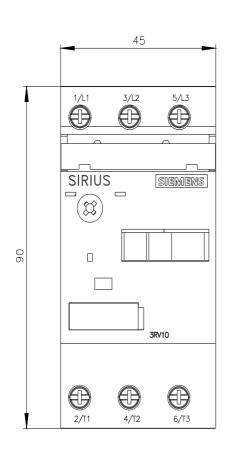
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV1011-0GA10&lang=en

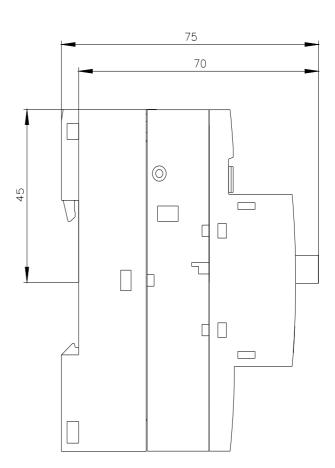
Characteristic: Tripping characteristics, I²t, Let-through current

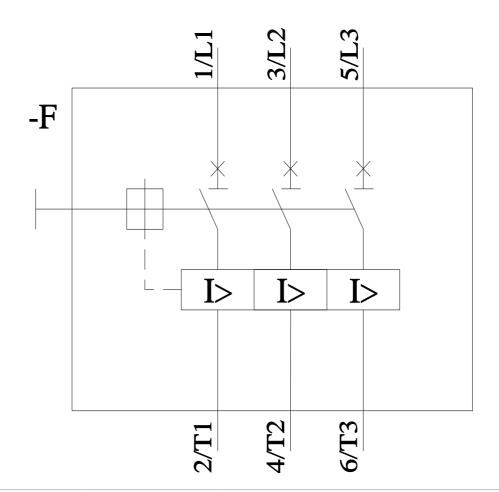
https://support.industry.siemens.com/cs/ww/en/ps/3RV1011-0GA10/char

Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV1011-0GA10&objecttype=14&gridview=view1







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