SIEMENS

Data sheet 3RV2021-4FA10



Circuit breaker size S0 for motor protection, CLASS 10 A-release 34...40 A N-release 480 A screw terminal Standard switching capacity

product brand name	SIRIUS
product designation	Circuit breaker
design of the product	For motor protection
product type designation	3RV2
General technical data	
size of the circuit-breaker	S0
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 	16.25 W
 at AC in hot operating state per pole 	5.4 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 	100 000
of auxiliary contacts typical	100 000
electrical endurance (operating cycles) typical	100 000
type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
certificate of suitability according to ATEX directive 2014/34/EU	DMT 02 ATEX F 001
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
 during operation 	-20 +40 °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	34 40 A
operating voltage	
rated value	20 690 V
at AC-3 rated value maximum	690 V
operating frequency rated value	50 60 Hz
operational current rated value	40 A
operational current	
 at AC-3 at 400 V rated value 	40 A

Departing power		
	operating power	
— at 400 V rated value 22 kW 25 kW	• at AC-3	
— at 500 V rated value 39 kW operating frequency • at AC-3 maximum 15 1/h Auxillary circuit number of NC contacts for auxillary contacts 0 Protective and monitoring functions product function • ground fault detection Yes 0 class affailure detection Yes 0 chass failure detection 3 chass failure detection 3 chass failure detection Yes 0 chass failure detection Yes 1 chass failure detection Yes 1 chass failure detection Yes 1	— at 230 V rated value	11 kW
operating frequency a 14 C37 amaximum 15 1/h Auxiliary circuit number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 product function a ground fault detection phase failure detection trip class CLASS 10 design of the overload release 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 400 V rated value at 400 V rated value at 500 V rated value at 600 V rated value at	— at 400 V rated value	18.5 kW
operating frequency	— at 500 V rated value	22 kW
a AC-3 maximum Auxiliary circuit number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 protective and monitoring functions product function e ground fault detection No e phase failure detection Yes CLASS 10 design of the overload release maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value at AC at 240 V rated value bat AC at 500 V rated value at AC at 500 V rated value bat AC at 690 V rated value bat 600 V r	— at 690 V rated value	39 kW
Auxiliary circuit number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of CO contacts for auxiliary contacts number of CO contacts for auxiliary contacts number of CO contacts for auxiliary contacts product function	operating frequency	
number of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 Protective and monitoring functions product function • ground fault detection Yes trip class CLASS 10 themal maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 240 V rated value • at AC at 500 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 500 V rated value • at 400 V rated value • at 400 V rated value • at 500 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 500 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 800 V rated value • at 200 V rated value • at 480 V rated value • at 200 V rated value • at 200 V rated value • at 200 V rated value • at 400 V rated value • at 800 V rated value • a	• at AC-3 maximum	15 1/h
number of NO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 protective and monitoring functions product function • ground fault detection • phase failure detection trip class CLASS 10 design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 240 V rated value • at AC at 500 V rated value • at 240 V rated value • at 240 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 400 V rated value • at 690 V rated value • at 400 V rated value • at 480 V rated value • at 480 V rated value • at 480 V rated value • at 2000 V rated value • at 2000 V rated value • at 2000 V rated value • at 2000208 V rated value • at 2000208 V rated value • at 460480 V rated value • at 690 V rated value • at	Auxiliary circuit	
number of CO contacts for auxiliary contacts product function • ground fault detection • ground fault detection • phase failure detection • product function • product function • product function • ground fault detection Ves 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 500 V rated value • at 400 V rated value • at 500 V rated value • at 600 V rated	number of NC contacts for auxiliary contacts	0
Protective and monitoring functions product function • ground fault detection • phase failure detection • phase failure detection Yes trip class CLASS 10 thermal maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 250 V rated value • at AC at 550 V rated value • at AC at 550 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 400 V rated value • at AC at 400 V rated value • at 40 V rated value • at 40 V rated value • at 40 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 690 V rated value • at 100 V rated value • at 690 V rated value • 10 hp • for single-phase AC motor • at 110120 V rated value • at 220/230 V rated value • 10 hp • for 3-phase AC motor • at 220/230 V rated value • 10 hp • for 3-phase AC motor • at 480/480 V rated value • 30 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	number of NO contacts for auxiliary contacts	0
product function • ground fault detection • phase failure detection • phase failure detection • phase failure detection 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 500 V rated value • at AC at 690 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 600 V rated value • at 800 V rated value • at 480 V rated value • at 600 V rated value • at 480 V rated value • at 600 V rated value • at 7.5 hp • for single-phase AC motor — at 200/208 V rated value • at 200/208 V rated value • at 200/208 V rated value — at 200/208 V rated value — at 200/208 V rated value — at 460/480 V rated value — at 460/480 V rated value — at 460/480 V rated value — by the function short circuit protection product function short circuit trip design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit	number of CO contacts for auxiliary contacts	0
• ground fault detection • phase failure detection • phase failure detection • phase failure 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 240 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at AC at 690 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 30 V rated value • at 690 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 460/480 V rated value • at 600/480 V rated value • at 600/480 V rated value • for 5-phase AC motor • at 200/208 V rated value • for 5-phase AC motor • at 200/208 V rated value • for 6-phase AC motor • at 600 V rated value • for 6-phase AC motor • at 200/208 V rated value • for 6-phase AC motor • at 200/208 V rated value • for 6-phase AC motor • at 200/208 V rated value • for 6-phase AC motor • at 600 V rated value • for 6-phase AC motor • at 200/208 V rated value • for 6-phase AC motor • at 200/208 V rated value • for 6-phase AC motor • at 200/208 V rated value • for 6-phase AC motor • at 200/208 V rated value • for 6-phase AC motor • at 200/208 V rated value • for 6-phase AC motor • at 200/208 V rated value • for 6-phase AC motor • at 200/209 V rated value • for 6-phase AC motor • at 200/200 V rated value • for 6-phase AC mo	Protective and monitoring functions	
phase failure detection trip class	product function	
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 400 V rated value 20 kA • at AC at 690 V rated value 3 kA operating short-circuit current breaking capacity (Ics) at AC • 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 2 kA • at 590 V rated value 3 kA response value current of instantaneous short-circuit trip unit 480 A UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value 40 A • at 480 V rated value 40 A yielded mechanical performance [hp] • for single-phase AC motor 41 200 V rated value 7.5 hp • for 3-phase AC motor 3-phase AC motor 42 200 V rated value 7.5 hp • for 3-phase AC motor 3-phase AC motor 42 200 V rated value 7.5 hp • for 3-phase AC motor 3-phase AC motor 42 200 V rated value 7.5 hp • for 3-phase AC motor 42 200 V rated value 7.5 hp • for 3-phase AC motor 9-phase AC motor 9-ph	ground fault detection	No
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 6500 V rated value • at AC at 660 V rated value • at AC at 660 V rated value • at 240 V rated value • at 400 V rated value • at 500 V rated value • at 400 V rated value • at 690 V rat	phase failure detection	Yes
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 690 V rated value • at AC at 690 V rated value • at 240 V rated value • at 240 V rated value • at 240 V rated value • at 400 V rated value • at 400 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 480 V rated value • at 600 V rated value • at 600 V rated value • at 700 V rated value • at 700 V rated value • at 700 V rated value • at 600 V rated value • at 200 V rated value • at 600 V rated value • at 200 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 200 V rated value • at 600 V rated value • at 200 V rated value • at 600 V	trip class	CLASS 10
at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value at AC at 690 V rated value at 240 V rated value at 400 V rated value at 400 V rated value at 690 V rated value at 690 V rated value at 690 V rated value at 690 V rated value be at 690 V rated value at 690 V rated value response AC motor - at 110/120 V rated value - at 230 V rated value at 200/208 V rated value at 200/208 V rated value - at 200/208 V rated value - at 460/480 V rated value at 690 V rated value at 200/208 V rated value at 200/208 V rated value at 200/208 V rated value at 690 V rated value at 690 V rated value at 200/208 V rated value at 200/208 V rated value at 690 V rated va	design of the overload release	thermal
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 operating short-circuit current breaking capacity (Ics) at AC at 240 V rated value 100 kA at 240 V rated value 10 kA at 500 V rated value 2 kA at 500 V rated value 2 kA at 500 V rated value 4 to 00 V rated value 5 to risingle-phase AC motor 4 to 110 V rated value 7 to risingle-phase AC motor 4 to 110 V rated value 7 to find 3 hp 4 rat 230 V rated value 7 to find 3 hp 4 rat 200 V rated value 9 to rated value 10 hp 4 to 10 hp 4 at 460/480 V rated value 30 hp Short-circuit protection product function short circuit protection 4 design of the fuse link for IT network for short-circuit protection of the main circuit	maximum short-circuit current breaking capacity (Icu)	
at AC at 500 V rated value at AC at 690 V rated value at AC at 690 V rated value at 400 V rated value at 400 V rated value at 400 V rated value at 500 V rated value at 500 V rated value at 500 V rated value at 690 V rated value at 600 V rated value biful 7.5 hp at 230 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 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 460/480 V rated value at 600 V rated valu		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 at 500 V rated value at 690 V rated value 2 kA response value current of instantaneous short-circuit trip unit 480 A UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 40 A at 600 V rated value 40 A in this ingle-phase AC motor at 110/120 V rated value 5 for single-phase AC motor - at 110/120 V rated value 6 for 3-phase AC motor - at 230 V rated value 7.5 hp 6 for 3-phase AC motor - at 200/208 V rated value 10 hp - at 220/230 V rated value 10 hp - at 460/480 V rated value 30 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 AC at 400 V rated value 	20 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 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 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 200/208 V rated value • for 3-phase AC motor - at 200/208 V rated value - at 200/208 V rated value - at 200/208 V rated value - at 400/480 V rated value - at 600/480 V rated value - at 600 V ra	at AC at 500 V rated value	6 kA
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 100 V rated value at 110/120 V rated value at 110/120 V rated value at 230 V rated value at 230 V rated value at 230 V rated value at 200/208 V rated value at 200/208 V rated value at 460/480 V rated value at 460/480 V rated value at 460/480 V rated value be for 3-phase AC motor at 200/208 V rated value at 460/480 V rated value at 600/480 V	at AC at 690 V rated value	3 kA
at 400 V rated value at 500 V rated value at 690 V rated value 2 kA response value current of instantaneous short-circuit trip unit 480 A UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 40 A at 600 V rated value 40 A yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value 3 hp at 230 V rated value 7.5 hp for 3-phase AC motor at 200/208 V rated value 10 hp at 220/230 V rated value 10 hp at 400/480 V rated value 30 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	operating short-circuit current breaking capacity (Ics) at AC	
at 500 V rated value at 690 V rated value response value current of instantaneous short-circuit trip unit 480 A UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 40 A yielded mechanical performance [hp] for single-phase AC motor - at 110/120 V rated value 7.5 hp for 3-phase AC motor - at 230 V rated value 7.5 hp for 3-phase AC motor - at 200/208 V rated value 10 hp - at 220/230 V rated value 30 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 240 V rated value	100 kA
• at 690 V rated value response value current of instantaneous short-circuit trip unit ### 480 A ### 480 V rated value • at 480 V rated value • at 600 V rated value • 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 220/230 V rated value — at 460/480 V	at 400 V rated value	10 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 500 V rated value	3 kA
full-load current (FLA) for 3-phase AC motor • at 480 V rated value 40 A • at 600 V rated value 40 A yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 3 hp — at 230 V rated value 7.5 hp • for 3-phase AC motor — at 200/208 V rated value 10 hp — at 220/230 V rated value 10 hp — at 460/480 V rated value 30 hp Short-circuit protection product function short circuit protection Yes design of the short-circuit trip magnetic	at 690 V rated value	2 kA
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 40 A yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 3 hp — at 230 V rated value 7.5 hp • for 3-phase AC motor — at 200/208 V rated value 10 hp — at 220/230 V rated value 10 hp — at 460/480 V rated value 30 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	response value current of instantaneous short-circuit trip unit	480 A
at 480 V rated value at 600 V rated value 40 A yielded mechanical performance [hp] after or 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 product function short circuit protection product function short circuit trip design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit	UL/CSA ratings	
at 600 V rated value yielded mechanical performance [hp] of or single-phase AC motor — at 110/120 V rated value — at 230 V rated value — at 200/208 V rated value — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 460/480 V rated value 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 40 A	full-load current (FLA) for 3-phase AC motor	
yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 3 hp — at 230 V rated value 7.5 hp • for 3-phase AC motor — at 200/208 V rated value 10 hp — at 220/230 V rated value 10 hp — at 460/480 V rated value 30 hp 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 480 V rated value	40 A
for single-phase AC motor — at 110/120 V rated value	at 600 V rated value	40 A
- at 110/120 V rated value 3 hp - at 230 V rated value 7.5 hp ● for 3-phase AC motor - at 200/208 V rated value 10 hp - at 220/230 V rated value 10 hp - at 460/480 V rated value 30 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	yielded mechanical performance [hp]	
- at 230 V rated value • for 3-phase AC motor - at 200/208 V rated value 10 hp - at 220/230 V rated value 10 hp - at 460/480 V rated value 30 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	 for single-phase AC motor 	
for 3-phase AC motor — at 200/208 V rated value	— at 110/120 V rated value	3 hp
- at 200/208 V rated value 10 hp - at 220/230 V rated value 30 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 230 V rated value	7.5 hp
- at 220/230 V rated value 10 hp - at 460/480 V rated value 30 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	• for 3-phase AC motor	
— at 460/480 V rated value 30 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 200/208 V rated value 	10 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 220/230 V rated value 	10 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 460/480 V rated value	30 hp
design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit	Short-circuit protection	
design of the fuse link for IT network for short-circuit protection of the main circuit	product function short circuit protection	Yes
protection of the main circuit	design of the short-circuit trip	magnetic
• at 400 V gG 63 A	• at 400 V	gG 63 A
• at 500 V gG 63 A	● at 500 V	gG 63 A
● at 690 V gG 63 A		gG 63 A
Installation/ mounting/ dimensions	nstallation/ 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
depth 97 mm	required spacing	
depth 97 mm required spacing	with side-by-side mounting at the side	9 mm
depth 97 mm required spacing with side-by-side mounting at the side 9 mm 	• for grounded parts at 400 V	
depth 97 mm required spacing with side-by-side mounting at the side 9 mm 	— downwards	30 mm
depth 97 mm required spacing ● with side-by-side mounting at the side 9 mm ● for grounded parts at 400 V	dominado	
depth 97 mm required spacing ● with side-by-side mounting at the side 9 mm ● for grounded parts at 400 V	— upwards	30 mm

for live parts at 400 V— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
• for grounded parts at 500 V	o min
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
	9 111111
• for live parts at 500 V	20
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
• for grounded parts at 690 V	
— downwards	70 mm
— upwards	70 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
 for live parts at 690 V 	
— downwards	70 mm
— upwards	70 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	screw-type terminals
arrangement of electrical connectors for main current circuit	Top and bottom
type of connectable conductor cross-sections	
for main contacts	
— solid or stranded	2x (1 2.5 mm²), 2x (2.5 10 mm²)
 finely stranded with core end processing 	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
for AWG cables for main contacts	2x (16 12), 2x (14 8)
tightening torque	
for main contacts with screw-type terminals	2 2.5 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	1 OLIGITY GLEG E
• for main contacts	M4
Safety related data	IVIT
B10 value	
with high demand rate according to SN 31920	5.000
With high demand rate according to SN 3 1920	5 000
proportion of dangerous failures	50.07
proportion of dangerous failures • with low demand rate according to SN 31920	50 %
 proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 	50 % 50 %
proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 failure rate [FIT]	50 %
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 31920	
proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 failure rate [FIT]	50 %
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 31920 T1 value for proof test interval or service life according to IEC	50 % 50 FIT
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 31920 T1 value for proof test interval or service life according to IEC 61508	50 % 50 FIT 10 a
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 31920 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529	50 % 50 FIT 10 a IP20
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 31920 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529	50 % 50 FIT 10 a IP20 finger-safe, for vertical contact from the front
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 31920 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 display version for switching status Certificates/ approvals	50 % 50 FIT 10 a IP20 finger-safe, for vertical contact from the front Handle For use in hazard-
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 31920 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 display version for switching status	50 % 50 FIT 10 a IP20 finger-safe, for vertical contact from the front Handle









For use in hazardous locations

Declaration of Conformity

Test Certificates

Marine / Shipping







Type Test Certificates/Test Report

Special Test Certificate



Marine / Shipping

other











Confirmation

other

Railway



Confirmation

Vibration and Shock

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2021-4FA10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2021-4FA10

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2021-4FA10

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

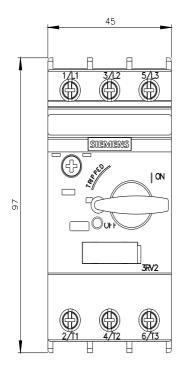
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2021-4FA10&lang=en

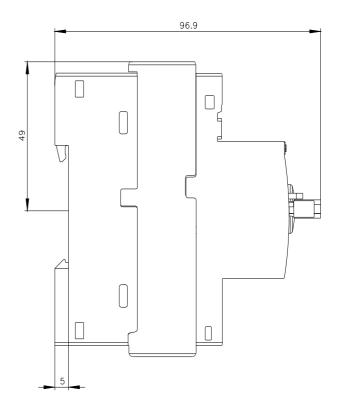
Characteristic: Tripping characteristics, I^2t , Let-through current

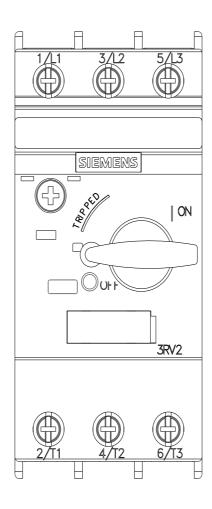
https://support.industry.siemens.com/cs/ww/en/ps/3RV2021-4FA10/char

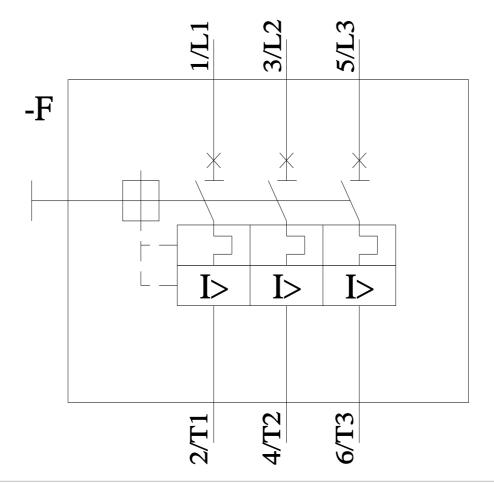
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2021-4FA10&objecttype=14&gridview=view1









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