SIEMENS

Data sheet 3RV2311-4AC20



Circuit breaker size S00 for starter combination rated current 16 A N-release 208 A Spring-type terminal Standard switching capacity

product brand name	SIRIUS
product designation	Circuit breaker
design of the product	For starter combinations
product type designation	3RV2
General technical data	0.112
size of the circuit-breaker	\$00
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	9.25 W
at AC in hot operating state per pole	3.1 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
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
mbient 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 %
lain circuit	
number of poles for main current circuit	3
operating voltage	
rated value	20 690 V
 at AC-3 rated value maximum 	690 V
 at AC-3e rated value maximum 	690 V
operating frequency rated value	50 60 Hz
an austic mal assurant material scales	16 A
operational current rated value	
operational current rated value operational current	
·	16 A
operational current	16 A 16 A
operational current • at AC-3 at 400 V rated value	

at 230 V rated value at 500 V rated value at 320 V rated value at 320 V rated value at 320 V rated value at 300 V rated value at 300 V rated value at 500 V rated value at 600 V rated value at		
all 2000 V rated value 4 AVV 4	— at 230 V rated value	4 kW
	— at 400 V rated value	7.5 kW
	— at 500 V rated value	7.5 kW
	— at 690 V rated value	11 kW
	• at AC-3e	
		4 kW
operating frequency • at AC-3 maximum • at AC-3 m		
et al AC-3 maximum 15 fb h et al AC-3 maximum 15 fb h Auxillary circuit number of NC contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 product function eyround fault detection No eyround fault detection No maximum short-circuit current breaking capacity (icu) et al AC at 240 V rated value 100 kA et al AC at 800 V rated value 55 kA et al AC at 800 V rated value 4 kA et al AC at 800 V rated value 100 kA et al AC at 800 V rated value 200 kA et al AC at 800 V rated value 200 kA et al AC at 800 V rated value 200 kA et al AC at 800 V rated value 30 kA et al AC at 800 V rated value 200 kA et al 800 V rated value 30 kA et 800 V rated value 55 kA et 800 V rated value 15 kA et 800 V rated value 200 kA et 800 V rated value 55 kA et 800 V rated value 200 kA et 800 V rated value 200 kA et 800 V rated value 200 kA et 800 V rated value 16 kA et		11 KW
aurillary circuit number of NC contacts for auxillary contacts number of NC contacts for auxillary contacts number of NO contacts for auxillary contacts number of NO contacts for auxillary contacts number of NO contacts for auxillary contacts product function product function		
Auxiliarry circuit number of NC contacts for auxiliary contacts 10 number of NC contacts for auxiliary contacts 10 number of CO contacts for auxiliary contacts 10 number of Contacts for auxiliary co		
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 • ground fault detection • probable function No • phase failure detection • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at 300 V rated value • at 30		15 1/h
number of NO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 reforective and monitoring functions product function • ground fault detection • ground fault detection • phase failure detection No maximum short-circuit current breaking capacity (icu) • at AC at 240 V rated value • at AC at 360 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 400 V rated value • at 600 V	Auxiliary circuit	
number of CO contacts for auxiliary contacts Protective and monitoring functions product function • ground fault detection • pround fault detection • pround fault detection • at AC at 240 V rated value • at AC at 580 V rated value • at 500 V rated value • at 600 V rated value • at 200 V rated value • at 600 V rat	number of NC contacts for auxiliary contacts	0
Productive and monitoring functions Product function Product fun	number of NO contacts for auxiliary contacts	0
product function	number of CO contacts for auxiliary contacts	0
product function	Protective and monitoring functions	
e ground fault detection phase failure detection No No No maximum short-circuit current breaking capacity (tcu) at AC at 240 V rated value at AC at 240 V rated value bit AC at 400 V rated value at AC at 4500 V rated value at AC at 4500 V rated value bit AC of 4500 V rated value at AC at 4500 V rated value bit AC of 4500 V rated value at 400 V rated value at 400 V rated value bit AC of 4500 V rated value bit AC of 7500 V rated V		
e phase failure detection maximum short-circuit current breaking capacity (Icu) e at AC at 240 V rated value 55 kA e at AC at 400 V rated value 100 kA e at AC at 550 V rated value 4 kA coperating short-circuit current breaking capacity (Ics) at AC e at 240 V rated value 100 kA e at 400 V rated value 100 kA e at 400 V rated value 20 kA e at 550 V rated value 21 kA e at 550 V rated value 22 kA e at 550 V rated value 24 kA e at 550 V rated value 25 kA e at 550 V rated value 26 kA e at 550 V rated value 27 kA ersponse value current of instantaneous short-circuit trip unit EUI-CSA ratings full-load current (FLA) for 3-phase AC motor 28 at 450 V rated value 48 60 V rated value 49 ited mechanical performance [hp] 60 ros inglig-phase AC motor 48 at 500 V rated value 40 rated value 50 rated value 40 rated value 51 rated value 52 rated value 53 rated value 54 rated value 55 rated value 56 rated value 57 rated value 58 rated value 58 rated value 59 rated value 50 rated value 51 rated value 52 rated value 53 rated value 54 rated value 55 rated value 56 rated value 57 rated value 58 rated value 58 rated value 59 rated value 50 rated value 50 rated value 50 rated value 50 rated value 51 rated value 52 rated value 54 rated value 55 rated value 56 rated value 57 rated value 58 rated value 58 rated value 59 rated value 50	•	No
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 AC at 500 V rated value operating short-circuit current breaking capacity (ics) at AC at 240 V rated value at 400 V rated value at 400 V rated value at 500 V rated value at 500 V rated value at 500 V rated value at 690 V rated value be at 600 V rated value at 690 V rated value at 690 V rated value be or 3-phase AC motor at 110/120 V rated value at 200 V rated value be or 3-phase AC motor at 200/208 V rated value be or 3-phase AC motor at 10-phase AC motor at 200/208 V rated value be or 3-phase AC motor at 10-phase AC motor at 200/208 V rated value be or 3-phase AC motor at 200/208 V rated valu	-	
• at AC at 240 V rated value 55 kA	·	NO
e at AC at 400 V rated value at AC at 600 V rated value at AC at 600 V rated value 4 kA operating short-circuit current breaking capacity (les) at AC at 240 V rated value 5 kA at 400 V rated value 30 kA at 400 V rated value 5 kA at 650 V rated value 2 kA response value current of instantaneous short-circuit trip unit UCGSA ratings full-load current (FLA) for 3-phase AC motor at 640 V rated value 16 A at 600 V rated value 16 A at 600 V rated value 18 A yielded mechanical performance [hp] for single-phase AC motor - at 100 V rated value 1 hp - at 200 V rated value 2 hp for single-phase AC motor - at 1101/20 V rated value 2 hp for 3-phase AC motor - at 200/208 V rated value 1 hp - at 220/230 V rated value 1 hp - at 220/230 V rated value 10 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 edesign of the fuse link for IT network for short-circuit protection of the main circuit at 240 V at 400 V at 400 V gL/g6 80 A at 500 V at 500 V at 500 V at 600 Dine Ministrip on mounting of dimensions mounting position fastening method height with side-by-side mounting at the side 0 mm		400 kA
a ta AC at 690 V rated value 4 kA		
operating short-circuit current breaking capacity (Ics) at AC at 1240 V rated value at 400 V rated value 5 kA at 690 V rated value 2 kA response value current of instantaneous short-circuit trip unit 200 A UL/OSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 16 A at 600 V rated value 16 A yielded mechanical performance [Inp) for single-phase AC motor — at 1101/20 V rated value 16 A yielded mechanical performance [Inp) for single-phase AC motor — at 1101/20 V rated value 1 hp — at 230 V rated value 2 hp for 3-phase AC motor — at 200/208 V rated value 3 hp — at 220/230 V rated value 5 hp — at 460/480 V rated value 1 hp — at 460/480 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 protection of the main circuit at 400 V gL/g6 80 A at 400 V at 500 V at 600	 at AC at 500 V rated value 	10 kA
	at AC at 690 V rated value	4 kA
	operating short-circuit current breaking capacity (Ics) at AC	
at 500 V rated value at 690 V rated value 2 kA * at 690 V rated value 2 kA * at 690 V rated value 2 x kA * at 690 V rated value 2 x kA * at 690 V rated value 2 x kA * at 690 V rated value 4 to 6 A * at 690 V rated value 4 to 6 A * at 690 V rated value 5 to 6 x ingle-phase AC motor - at 110/120 V rated value 2 th - at 230 V rated value 2 th - at 230 V rated value 3 th - at 220/230 V rated value 5 to 7 s-phase AC motor - at 220/230 V rated value 2 th - at 220/230 V rated value 5 to 7 s-phase AC motor - at 220/230 V rated value 5 th - at 460/480 V rated value 10 th **Short-circuit protection **product function short circuit protection 4 design of the short-circuit trip 4 magnetic 4 design of the fuse link for IT network for short-circuit 4 protection of the main circuit • at 240 V • at 400 V • at 400 V • at 500 V • at 600 V • at 60	 at 240 V rated value 	100 kA
e 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 e at 480 V rated value 16 A set 600 V rated value 16 A yielded mechanical performance [hp] e for single-phase AC motor — at 110/120 V rated value 1 hp — at 230 V rated value 2 hp e for 3-phase AC motor — at 220/230 V rated value 3 hp — at 220/230 V rated value 3 hp — at 460/480 V rated value 10 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the tuse link for IT network for short-circuit protection of the main circuit e at 240 V e at 400 V g L/G 80 A e at 500 V e at 690 V Installation/ mounting/ dimensions mounting position required spacing e with side-by-side mounting at the side 0 mm	 at 400 V rated value 	30 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 single-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 220/230 V rated value • for 3-phase AC motor — at 220/230 V rated value • 10 hp Short-circuit protection product function 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 240 V • at 400 V • at 400 V • at 500 V • at 600 V	at 500 V rated value	5 kA
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 2 hp • for 3-phase AC motor — at 200/208 V rated value 2 hp • for 3-phase AC motor — at 220/230 V rated value 3 hp — at 220/230 V rated value 10 hp Short-circuit protection product function short circuit protection design of the short-circuit trip adsign of the short-circuit trip at 1400 V at 14	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 yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 2 hp • for 3-phase AC motor — at 200/208 V rated value 2 hp • for 3-phase AC motor — at 220/230 V rated value 3 hp — at 220/230 V rated value 10 hp Short-circuit protection product function short circuit protection design of the short-circuit trip adsign of the short-circuit trip at 1400 V at 14	response value current of instantaneous short-circuit trip unit	208 A
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 600 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 • 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 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 240 V • at 400 V • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width 45 mm depth required spacing • with side-by-side mounting at the side 16 A 4 6 A 16 A		
at 600 V rated value 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 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — by the for 3-phase AC motor — at 460/480 V rated value product function short circuit protection gesign of the short-circuit protection design of the fuse link for IT network for short-circuit protection of the main circuit at 240 V at 400 V at 400 V gL/gG 80 A at 500 V at 690 V gL/gG 50 A gL/gG 50 A gL/gG 50 A st 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width 45 mm depth required spacing with side-by-side mounting at the side 0 mm		16 Δ
yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value		
• for single-phase AC motor — at 110/120 V rated value		1074
- at 110/120 V rated value		
- at 230 V rated value 2 hp • for 3-phase AC motor - at 200/208 V rated value 3 hp - at 220/230 V rated value 5 hp - at 460/480 V rated value 10 hp Short-circuit protection product function short circuit protection 4 design of the short-circuit trip 5 magnetic design of the short-circuit trip 6 magnetic design of the fuse link for IT network for short-circuit protection of the main circuit • at 240 V gL/gG 80 A • at 400 V gL/gG 63 A • at 500 V gL/gG 60 A • at 690 V gL/gG 40 A Installation/ mounting/ dimensions mounting position any fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 106 mm width 45 mm depth 97 mm required spacing • with side-by-side mounting at the side 0 mm		A ba
for 3-phase AC motor — at 200/208 V rated value		·
- at 200/208 V rated value		2 np
- at 220/230 V rated value 5 hp - at 460/480 V rated value 10 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 240 V gL/gG 80 A • at 400 V gL/gG 63 A • at 500 V gL/gG 50 A • at 690 V gL/gG 40 A Installation/ mounting/ dimensions mounting position any fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 106 mm width 45 mm depth required spacing • with side-by-side mounting at the side 0 mm		
at 460/480 V rated value 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 240 V • at 400 V • at 400 V • at 500 V • at 690 V gL/gG 63 A gL/gG 50 A sat 690 V Installation/ mounting/ dimensions mounting position fastening method height width depth 97 mm required spacing • with side-by-side mounting at the side 10 hp Yes magnetic Yes magnetic Yes magnetic gL/gG 80 A gL/gG 80 A gL/gG 63 A gL/gG 63 A gL/gG 50 A gL/gG 40 A Installation/ mounting/ dimensions any fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height yo mm		3 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 240 V • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method height indicates the first of the side protection of the short-circuit protection yes gL/gG 80 A gL/gG 63 A gL/gG 50 A gL/gG 40 A Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height indicates the first of the side or mm width depth g7 mm required spacing • with side-by-side mounting at the side or mm	— at 220/230 V rated value	5 hp
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 240 V • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method height width 45 mm depth required spacing • with side-by-side mounting at the side Yes magnetic magnetic magnetic magnetic magnetic magnetic gL/gG 80 A gL/gG 80 A gL/gG 63 A gL/gG 50 A gL/gG 40 A Installation/ mounting/ dimensions any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 97 mm	— at 460/480 V rated value	10 hp
design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 240 V • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method fastening method width width 45 mm depth required spacing • with side-by-side mounting at the side magnetic magnetic magnetic magnetic magnetic magnetic gL/gG 80 A gL/gG 80 A gL/gG 63 A gL/gG 50 A gL/gG 40 A magnetic gL/gG 80 A gL/gG 63 A gL/gG 40 A magnetic gL/gG 80 A gL/gG 63 A gL/gG 40 A magnetic gL/gG 80 A gL/gG 60 A gL/gG 40 A magnetic gL/gG 80 A gL/gG 60 A gL/gG 50 A gL/gG 40 A magnetic gL/gG 80 A gL/gG 60 A gL/gG 50 A gL/gG 50 A gL/gG 40 A magnetic gL/gG 80 A gL/gG 60 A gL/gG 50 A gL/gG 50 A gL/gG 40 A magnetic gL/gG 80 A gL/gG 60 A gL/gG 50 A gL/gG 50 A gL/gG 40 A magnetic gL/gG 80 A gL/gG 60 A gL/gG 50	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 240 V • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method height width depth vidth depth required spacing • with side-by-side mounting at the side manuellage gL/gG 80 A gL/gG 80 A gL/gG 63 A gL/gG 50 A gL/gG 40 A Installation/ mounting/ dimensions mounting position any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 97 mm	product function short circuit protection	Yes
design of the fuse link for IT network for short-circuit protection of the main circuit • at 240 V • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method height 106 mm width 45 mm depth required spacing • with side-by-side mounting at the side 0 mm	<u> </u>	magnetic
protection of the main circuit at 240 V at 240 V at 400 V at 500 V at 690 V gL/gG 50 A gL/gG 40 A Installation/ mounting/ dimensions mounting position fastening method height uidth 45 mm depth required spacing with side-by-side mounting at the side gL/gG 80 A gL/gG 63 A gL/gG 50 A gL/gG 40 A Installation/ mounting/ dimensions any fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 97 mm		
 at 400 V at 500 V at 690 V gL/gG 50 A at 690 V Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting at the side gL/gG 63 A gL/gG 50 A gL/gG 50 A gL/gG 50 A gL/gG 50 A gL/gG 63 A gL/gG 50 A gL/gG 40 A 		
 at 400 V at 500 V at 690 V gL/gG 50 A at 690 V Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting at the side gL/gG 63 A gL/gG 50 A gL/gG 50 A gL/gG 50 A gL/gG 50 A gL/gG 63 A gL/gG 50 A gL/gG 40 A 	• at 240 V	gL/gG 80 A
 at 500 V at 690 V gL/gG 50 A at 690 V Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting at the side gL/gG 50 A at 500 gL/gG 50 A at 500 gL/gG 50 A at 500 gL/gG 50 A gL/gG 50 A gL/gG 50 A at 500 gL/gG 50 A gL/gG 40 A 	● at 400 V	
● at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 106 mm width 45 mm depth 97 mm required spacing ● with side-by-side mounting at the side 0 mm	● at 500 V	
Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 106 mm width 45 mm depth 97 mm required spacing • with side-by-side mounting at the side 0 mm		
mounting position any fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 106 mm width 45 mm depth 97 mm required spacing ◆ with side-by-side mounting at the side 0 mm		
fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 106 mm width 45 mm depth 97 mm required spacing • with side-by-side mounting at the side 0 mm		any
height 106 mm width 45 mm depth 97 mm required spacing • with side-by-side mounting at the side 0 mm		·
width 45 mm depth 97 mm required spacing • with side-by-side mounting at the side 0 mm		
depth 97 mm required spacing with side-by-side mounting at the side 0 mm 		
required spacing • with side-by-side mounting at the side 0 mm		
• with side-by-side mounting at the side 0 mm	•	97 mm
◆ for grounded parts at 400 V	 with side-by-side mounting at the side 	0 mm

dournugado	20
— downwards	30 mm 30 mm
— upwards — at the side	9 mm
• for live parts at 400 V	9 11111
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
for grounded parts at 500 V	9 11111
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
• for live parts at 500 V	3 11111
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
for grounded parts at 690 V	V
— downwards	50 mm
— upwards	50 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
• for live parts at 690 V	
— downwards	50 mm
— upwards	50 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	spring-loaded terminals
arrangement of electrical connectors for main current	Top and bottom
circuit	
type of connectable conductor cross-sections	
• for main contacts	0(0.5 4
— solid or stranded	2x (0,5 4 mm²)
— finely stranded with core end processing	2x (0.5 2.5 mm²)
— finely stranded without core end processing	2x (0.5 2.5 mm²)
 finely stranded without core end processing for AWG cables for main contacts 	2x (0.5 2.5 mm²) 2x (20 12)
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip	2x (0.5 2.5 mm²) 2x (20 12)
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value • with high demand rate according to SN 31920	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value • with high demand rate according to SN 31920 proportion of dangerous failures	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value • with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value • with high 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	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value • with high 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]	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000 50 % 50 %
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value • with high 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] • with low demand rate according to SN 31920	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000 50 % 50 %
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value • with high 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]	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000 50 % 50 %
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value • with high 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] • with low demand rate according to SN 31920 T1 value for proof test interval or service life according to IEC	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000 50 % 50 %
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value • with high 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] • with low demand rate according to SN 31920 T1 value for proof test interval or service life according to IEC 61508	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000 50 % 50 % 50 FIT 10 a
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value • with high 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] • 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	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000 50 % 50 % 50 FIT 10 a
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value • with high 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] • 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	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000 50 % 50 % 50 FIT 10 a IP20 finger-safe, for vertical contact from the front
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value • with high 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] • 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	2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000 50 % 50 % 50 FIT 10 a IP20 finger-safe, for vertical contact from the front
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value • with high 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] • 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	2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000 50 % 50 % 50 FIT 10 a IP20 finger-safe, for vertical contact from the front Handle Declaration of Conformity
— finely stranded without core end processing • for AWG cables for main contacts design of screwdriver shaft size of the screwdriver tip Safety related data B10 value • with high 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] • 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 General Product Approval	2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000 50 % 50 % 50 FIT 10 a IP20 finger-safe, for vertical contact from the front Handle Declaration of Conformity

Declaration of Conformity

Test Certificates

Marine / Shipping



Special Test Certificate

Type Test Certificates/Test Report







Marine / Shipping

other

Railway







Confirmation



Confirmation

Railway

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=3RV2311-4AC20

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2311-4AC20

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2311-4AC20

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

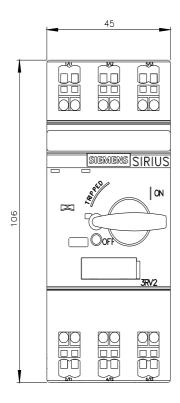
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2311-4AC20&lang=en

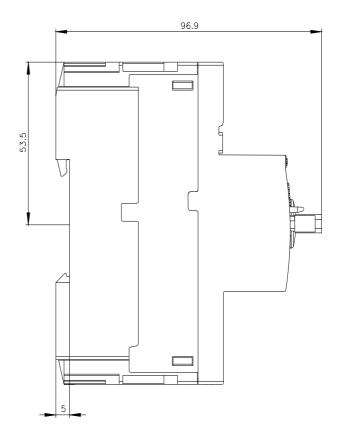
Characteristic: Tripping characteristics, I^2t , Let-through current

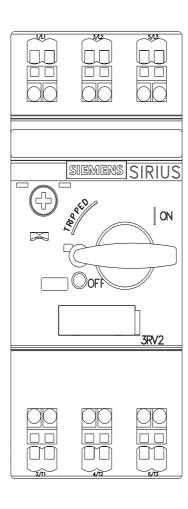
https://support.industry.siemens.com/cs/ww/en/ps/3RV2311-4AC20/char

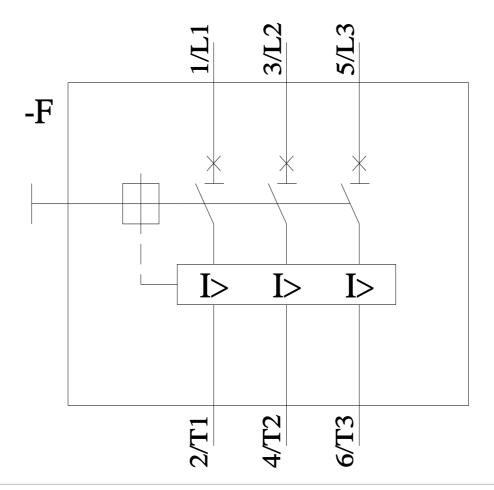
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2311-4AC20&objecttype=14&gridview=view1









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