SIEMENS

Data sheet 3RV2411-1EA10



Circuit breaker size S00 for transformer protection A-release 2.8...4 A N-release 82 A screw terminal Standard switching capacity

product brand name	SIRIUS
product designation	Circuit breaker
design of the product	For transformer protection
product type designation	3RV2
General technical data	
size of the circuit-breaker	S00
size of contactor can be combined company-specific	S00, S0
product extension auxiliary switch	Yes
power loss [W] for rated value of the current	
 at AC in hot operating state 	7.25 W
at AC in hot operating state per pole	2.4 W
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation in networks with grounded star point	
 between main and auxiliary circuit 	400 V
between main and auxiliary circuit	400 V
shock resistance acc. to IEC 60068-2-27	25g / 11 ms
mechanical service life (switching cycles)	
 of the main contacts typical 	100 000
of auxiliary contacts typical	100 000
electrical endurance (switching cycles) typical	100 000
reference code acc. to IEC 81346-2	Q
Substance Prohibitance (Date)	01.10.2009
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
 during operation 	-20 +60 °C
 during storage 	-50 +80 °C
during transport	-50 +80 °C
temperature compensation	-20 +60 °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	2.8 4 A
operating voltage	
• rated value	690 V
• rated value	20 690 V

### A6-21 rated value maximum 680 V poperational current rated value poperational current rated value 9	a at AC 2 rated value magnifering	600 V
operational current rated value operational current et AC-3 at 400 V rated value operating power - at AC-3 - at 230 V rated value - at 400 V rated value - at 400 V rated value - at 500 V rated value - at 500 V rated value - at 600 V rated value - at 200208 V rated value - at 600 V rated value - at 600 V rated value - at 200208 V rated value - at 600 V rated va		
Operating power		
• et AC-3 at 400 V rated value operating power • at AC-3 — at 200 V rated value — at 400 V rated value — at 600 V rated value operating frequency • at AC-3 maximum 15 1/h Auxiliary circuit number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of OC contacts for auxiliary contacts number of OC contacts for auxiliary contacts number of NC contacts number of N		4 A
Operating power	•	
		4 A
	— at 230 V rated value	0.8 kW
operating frequency • at AC-3 maximum 15 1/h Auxiliary circuit number of NC contacts for auxiliary contacts product function • ground fault defection • ground fault defection • phase failure detection Yes CLASS 10 design of the overload release thermal broaking capacity operating short-circuit current (ics) at AC • at 240 V rated value • at 500 V rated value • at 600 V rated value • at 600 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at AC at 600 V rated value • at AC at 600 V rated value • at 600	— at 400 V rated value	1.5 kW
operating frequency	— at 500 V rated value	
author of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts Protective and monitoring functions product function a ground fault detection phase failure detection yes class CLASS 10 design of the overload release trapellar auxiliary contacts brasking capacity operating short-circuit current (ics) at AC at 400 V rated value 100 kA at 400 V rated value 100 kA at 4500 V rated value 4 kA breaking capacity maximum short-circuit current (icu) at AC at 240 V rated value 100 kA 4 kA breaking capacity maximum short-circuit current (icu) at AC at 240 V rated value 100 kA 4 kA breaking capacity maximum short-circuit current (icu) at AC at 500 V rated value 100 kA 5 kA 4 kA 100 kA 5 kA 100 kA 5 kA 100 kA 10	— at 690 V rated value	3 kW
Auxiliary circuit number of NC contacts for auxiliary contacts number of CO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 protective and monitoring functions product function • ground fault detection • ground fault detection • ground fault detection • phase failure detection • yes CLASS 10 themal breaking capacity operating short-circuit current (ics) at AC • at 240 V rated value • at 500 V rated value • at 500 V rated value • at 500 V rated value • at 600 V rated value • at AC at 400 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at 600 V rated value • at 500 V rated value • at 575600 V rated value • at 575600 V rated value • at 575600 V rated value • at 500 V • gL/gG 32 A • at 500 V • at	operating frequency	
number of NC contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 protective and monitoring functions product function • ground fault detection • ground fault detection • ground fault detection • ground fault detection • product function • ground fault detection • ground fault detection • product function • ground fault detection • yes CLASS 10 design of the overload release broaking capacity operating short-circuit current (lcs) at AC at 240 V rated value • at 4500 V rated value • at 4500 V rated value • at AC at 4500 V rated value • at AC at 400 V rated value • at AC at 440 V rated value • at AC at 4500 V rated value • at AC at 5500 V rated value • at AC at 650 V rated value • at AC at 650 V rated value • at 460 V rated value • at 575600 V rated value • at 575600 V rated value • at 460 V rated value • at 575600 V rated value • at 460 V rate walle value • at 460 V rated value • at 575600 V rated value • at 460 V rated va	at AC-3 maximum	15 1/h
number of NO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 product function product function • ground fault detection	Auxiliary circuit	
number of CO contacts for auxilliary contacts Protective and monitoring functions product function • ground fault detection • phase failure detection • phase failure detection • phase failure detection • phase failure detection • phase failure detection • phase failure detection • phase failure detection • cLASS 10 design of the overload release threaking capacity operating short-circuit current (ics) at AC • at 240 V rated value • at 500 V rated value • at 400 V rated value • at 600 V rated value • at 600 V rated value • at AC at 240 V rated value • at AC at 240 V rated value • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 600 V rated value • at AC at 800 V rated value • at AC at 800 V rated value • at AC at 800 V rated value • at AC or stream of instantaneous short-circuit trip unit **DULCSA ratings** full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 480 V rated value • at 600 V rated value • at 600 V rated value • at 200 V rated value • at 300 V rated value • at 575/600 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 400 V value value • at 400 V rated value • at 575/600 V rated value • at 400	number of NC contacts for auxiliary contacts	0
Protective and monitoring functions product function e ground fault detection Yes CLASS 10 thermal breaking capacity operating short-circuit current (ics) at AC e at 240 V rated value at 400 V rated value 100 kA at 690 V rated value 100 kA at 690 V rated value 100 kA breaking capacity maximum short-circuit current (icu) at AC at 240 V rated value 100 kA 100	number of NO contacts for auxiliary contacts	0
product function ground fault detection ground fault detection phase fallure detection yes CLASS 10 design of the overload release breaking capacity operating short-circuit current (Ics) at AC at 240 V rated value at 400 V rated value 100 kA at 400 V rated value 100 kA at 600 V rated value 4 kA breaking capacity maximum short-circuit current (Icu) at AC at 240 V rated value 100 kA 4 kA breaking capacity maximum short-circuit current (Icu) at AC at 240 V rated value 100 kA at AC at 500 V rated value 6 kA breaking capacity operating short-circuit current (Icu) at AC at 500 V rated value 6 kA 6 kA 6 kA 2 at AC at 500 V rated value 6 kA 7 at AC at 500 V rated value 7 at AC at 500 V rated value 8 2 A UL/CSA ratings full-load current (FLA) for 3-phase AC motor 4 at 80 V rated value 4 A 9 tel 600 V rated value 9 at 200/208 V rated value 9 at 460/480 V rated value 9 at 575/600 V rated value 9 at 575/600 V rated value 9 at 670 For brotection product function short circuit trip design of the fuse link for I'r network for short-circuit protection of the main circuit 9 at 400 V 9 at 500 V 9 at 650 V 9 at	number of CO contacts for auxiliary contacts	0
product function ground fault detection ground fault detection phase fallure detection yes CLASS 10 design of the overload release breaking capacity operating short-circuit current (Ics) at AC at 240 V rated value at 400 V rated value 100 kA at 400 V rated value 100 kA at 600 V rated value 4 kA breaking capacity maximum short-circuit current (Icu) at AC at 240 V rated value 100 kA 4 kA breaking capacity maximum short-circuit current (Icu) at AC at 240 V rated value 100 kA at AC at 500 V rated value 6 kA breaking capacity operating short-circuit current (Icu) at AC at 500 V rated value 6 kA 6 kA 6 kA 2 at AC at 500 V rated value 6 kA 7 at AC at 500 V rated value 7 at AC at 500 V rated value 8 2 A UL/CSA ratings full-load current (FLA) for 3-phase AC motor 4 at 80 V rated value 4 A 9 tel 600 V rated value 9 at 200/208 V rated value 9 at 460/480 V rated value 9 at 575/600 V rated value 9 at 575/600 V rated value 9 at 670 For brotection product function short circuit trip design of the fuse link for I'r network for short-circuit protection of the main circuit 9 at 400 V 9 at 500 V 9 at 650 V 9 at	Protective and monitoring functions	
• ground fault detection • phase failure detection Yes trip class CLASS 10 design of the overload release thermal breaking capacity operating short-circuit current (ics) at AC • at 240 V rated value • at 850 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • at 630 V rated value • at AC at 240 V rated value • at AC at 250 V rated value • at AC at 2500 V rated value • at AC at 3500 V rated value • at AC at 3500 V rated value • at AC at 3500 V rated value • at AC at 360 V rated value • at 480 V rated value • at 480 V rated value • at 480 V rated value • at 300 V rated value • at 300 V rated value • at 480 V rated value • at 600 V rated value • at 75/600 V rated value • at 75/600 V rated value • at 75/600 V rated value • at 800 V rated value •	-	
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design of the overload release breaking capacity operating short-circuit current (Ics) at AC • at 240 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at AC at 240 V rated value • at AC at 240 V rated value • at AC at 240 V rated value • at AC at 250 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 550 V rated value • at AC at 690 V rated value • at AC at 90 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 100 V rated value • at 200 V rated value • at 576600 V rated value - at 576600 V rated value product function short circuit protection design of the short-circuit trip design of the short-circuit protection product function short circuit protection design of the short-circuit trip design of the short-circuit protection at 500 V at 500 V gUgG 32 A gugG 35 A		
breaking capacity operating short-circuit current (Ics) at AC at 240 V rated value at 400 V rated value at 500 V rated value at 690 V rated value at 600 V rated value at AC at 240 V rated value at AC at 240 V rated value at AC at 400 V rated value at AC at 400 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 be at AC at 690 V rated value at AC at 690 V rated value at AC at 690 V rated value built UL/GSA ratings full-load current (FLA) for 3-phase AC motor at 600 V rated value at 600 V rated value be for shphase AC motor at 110/120 V rated value at 600 V rated value be for 3-phase AC motor at 230 V rated value be for 3-phase AC motor at 200/208 V rated value be for 3-phase AC motor at 200/208 V rated value be for 3-phase AC motor at 200/208 V rated value be for 3-phase AC motor at 200/208 V rated value be for 3-phase AC motor at 200/208 V rated value be for 3-phase AC motor at 200/208 V rated value be for 3-phase AC motor at 200/208 V rated value be for 3-phase AC motor at 400/480 V rated value be for 3-phase AC motor at 200/208 V rated value be for 3-phase AC motor at 200/208 V rated value be for 3-phase AC motor at 200/208 V rated value be for 3-phase AC motor at 200/208 V rated value be for 3-phase AC motor at 200/208 V rated value be for 3-phase AC motor at 400/480 V rated value be for 3-phase AC motor at 400/480 V rated value be for 3-phase AC motor at 400/480 V rated value be for 3-phase AC motor at 400 V gl/gG 32 A be design of the fuse link for IT network for short-circuit protection of the main circuit be at 400 V gl/gG 32 A be design of the fuse link for IT network for short-circuit protection of the main circuit be at 600 V gl/gG 32 A be design of the fuse link for IT network for short-circuit protection of the main circuit be at 600 V gl/gG 32 A be design of the fuse link for IT network for short-circuit protection of the main circuit shows the fuse at 600 V gl/gG 32 A be design of the fuse link for	•	
at AC at 240 V rated value at 400 V rated value 100 kA at 500 V rated value 100 kA at 690 V rated value 4 kA breaking capacity maximum short-circuit current (Icu) at AC at 240 V rated value 100 kA at AC at 240 V rated value 100 kA at AC at 500 V rated value 100 kA at AC at 500 V rated value 100 kA at AC at 500 V rated value 30 kA at AC at 690 V rated value 4 kA breaking current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 4 A yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value 0.13 hp at 1200/208 V rated value for 3-phase AC motor at 200/208 V rated value 0.33 hp for 3-phase AC motor at 200/208 V rated value 0.75 hp at 200/208 V rated value 0.75 hp at 576/600 V rated value 2 hp at 576/600 V rated value 3 hp Short-circuit protection product function short circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit at 800 V at 500 V gL/gG 32 A gL/gG 32 A gL/gG 32 A gL/gG 32 A steplant in the short-circuit trip at 400 V steplant in the short-circuit trip at 500 V gL/gG 32 A steplant in the short-circuit trip at 500 V gL/gG 32 A gL/gG 32 A gL/gG 32 A steplant in the short-circuit from some simple in the short-circuit protection product function short circuit from selection at 500 V gL/gG 32 A gL/gG 32 A gL/gG 32 A steplant in the short-circuit from some simple in the short-circuit from selection selectio		uicillaí
at 500 V rated value at 690 V rated value to at 690 V rated value at AC at 240 V rated value at AC at 240 V rated value at AC at 240 V rated value at AC at 500 V rated value at AC at 500 V rated value at AC at 500 V rated value beach of the value at AC at 500 V rated value at AC at 690 V rated value beach of the value at AC at 690 V rated value at AC at 690 V rated value beach of the 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 beach of value at 600 V rated value at 200 V rated value at 230 V rated value beach of 3-phase AC motor at 230 V rated value beach of 3-phase AC motor at 200/208 V rated value at 600 V rated value at 200/208 V rated value at 600 V rated value at 60	at 240 V rated value	100 kA
at 690 V rated value breaking capacity maximum short-circuit current (Icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value be at AC at 690 V rated value at AC at 690 V rated value be at AC at 690 V rated value cresponse value current of instantaneous short-circuit trip unit ULICSA ratings full-load current (FLA) for 3-phase AC motor at 600 V rated value at 600 V rated value be at 600 V rated value at 600 V rated value be at 300 V rated value at 230 V rated value be for 3-phase AC motor at 230 V rated value be for 3-phase AC motor at 200/208 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 4575/600 V rated value be for 3-phase AC motor at 45075/600 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated value be for 3-phase AC motor at 460/480 V rated	 at 400 V rated value 	100 kA
breaking capacity maximum short-circuit current (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 690 V rated value • at 480 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 110/120 V rated value • at 230 V rated value • at 200/208 V rated value • at 220/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 675/600 V rated value • at 460/480 V rated value • at 675/600 V rated value • at 680/800 V rated value • at 400 V gL/gG 32 A gL/gG	 at 500 V rated value 	100 kA
	at 690 V rated value	4 kA
at AC at 400 V rated value at AC at 500 V rated value at AC at 500 V rated value be at AC at 500 V rated value cresponse 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 be for single-phase AC motor at 100/120 V rated value at 110/120 V rated value be for 3-phase AC motor at 220/208 V rated value be for 3-phase AC motor at 220/230 V rated value be for 3-phase AC motor at 220/230 V rated value be at 220/230 V rated value at 460/480 V rated value be at 575/600 V rated value be at 575/600 V rated value be at 680 V rated value cat 681 Ship at 683 Ship short-circuit protection product function short circuit protection design of the fuse link for IT network for short-circuit protection of the fuse link for IT network for short-circuit protection of the main circuit at 480 V at 690 V at 690 V gL/gG 32 A gL/gG 32 A linstallation/ mounting/ dimensions mounting position at 700 V and 700 V a	breaking capacity maximum short-circuit current (Icu)	
at AC at 500 V rated value at AC at 690 V rated value at AC at 690 V rated value response value current of instantaneous short-circuit trip unit ULCSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 690 V rated value 4 A interval of single-phase AC motor - at 110/120 V rated value - at 230 V rated value of or 3-phase AC motor - at 200/208 V rated value - at 220/230 V rated value - at 220/230 V rated value - at 220/230 V rated value - at 3575/600 V rated value - at 575/600 V rated value - at 575/600 V rated value - at 680 V rated val	 at AC at 240 V rated value 	100 kA
at AC at 690 V rated value response value current of instantaneous short-circuit trip unit bull-CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 690 V rated value at 690 V rated value or at 100/120 V rated value at 100/120 V rated value at 230 V rated value of or 3-phase AC motor at 230 V rated value at 200/208 V rated value at 220/208 V rated value at 220/208 V rated value at 220/208 V rated value at 2575/600 V rated value at 690/480 V rated value at 690 V rated value at 690 V rated value bull-circuit protection product function short circuit protection design of the fuse link for IT network for short-circuit protection of the main circuit at 480 V gL/gG 32 A at 690 V gL/gG 32 A bristallation/ mounting/ dimensions mounting position at 400 V gL/gG 25 A Installation/ mounting/ dimensions mounting position	 at AC at 400 V rated value 	100 kA
response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value	 at AC at 500 V rated value 	100 kA
unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value	 at AC at 690 V rated value 	6 kA
full-load current (FLA) for 3-phase AC motor • at 480 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 • of 3-phase AC motor — 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 575/600 V rated value 2 hp — at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position at 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A	response value current of instantaneous short-circuit trip	82 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 • for single-phase AC motor — at 110/120 V rated value • of 3-phase AC motor — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value product 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 • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4	unit	
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 - at 230 V rated value o.33 hp for 3-phase AC motor - at 220/228 V rated value - at 220/230 V rated value - at 220/230 V rated value - at 460/480 V rated value - at 575/600 V rated value yelpp - at 575/600 V rated value product 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 at 400 V at 400 V gL/gG 32 A at 500 V at 690 V Installation/ mounting/ dimensions mounting position at 400 A A A A A A A A A A A A A A	UL/CSA ratings	
• 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 — at 200/208 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 4575/600 V rated value — at 575/600 V rated value — at 575/600 V rated value — at 575/600 V rated value — at 400/480 V rated value — at 575/600 V rated value — at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position 4 A A A A A A A A A A A A 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 — at 230 V rated value — of 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value 2 hp — at 575/600 V rated value 3 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position 0.13 hp 0.14 hp 0.15	at 480 V rated value	4 A
• for single-phase AC motor — at 110/120 V rated value — at 230 V rated value — at 220 V rated value • for 3-phase AC motor — at 220/238 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value — at sign of the short-circuit protection product function short circuit protection design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position 0.8 hp 0.75 hp 0.75 hp 2 hp 3 hp Short-circuit protection Yes magnetic design of the short-circuit trip agl/gG 32 A • at 690 V Installation/ mounting/ dimensions mounting position any	• at 600 V rated value	4 A
• for single-phase AC motor — at 110/120 V rated value — at 230 V rated value — at 220 V rated value • for 3-phase AC motor — at 220/238 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value — at sign of the short-circuit protection product function short circuit protection design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position 0.8 hp 0.75 hp 0.75 hp 2 hp 3 hp Short-circuit protection Yes magnetic design of the short-circuit trip agl/gG 32 A • at 690 V Installation/ mounting/ dimensions mounting position any	yielded mechanical performance [hp]	
- at 110/120 V rated value - at 230 V rated value - at 230 V rated value - for 3-phase AC motor - at 200/208 V rated value - at 220/230 V rated value - at 220/230 V rated value - at 460/480 V rated value - at 575/600 V rated value 2 hp - at 575/600 V rated value 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 400 V - at 500 V - at 690 V Installation/ mounting/ dimensions mounting position 0.13 hp 0.33 hp 0.35 hp 0.46 hp 0.75 hp 0.		
- at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value 2 hp — at 575/600 V rated value 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 400 V • at 500 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position 0.8 hp 0.75 hp 0.	.	0.13 hp
 for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value 3 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position 0.8 hp 0.8 hp 0.75 hp 0.75	— at 230 V rated value	•
- at 200/208 V rated value 0.8 hp - at 220/230 V rated value 0.75 hp - at 460/480 V rated value 2 hp - at 575/600 V rated value 3 hp Short-circuit protection product function short circuit protection Yes design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V gL/gG 32 A • at 500 V gL/gG 32 A Installation/ mounting/ dimensions mounting position any		
- at 220/230 V rated value 0.75 hp - at 460/480 V rated value 2 hp - at 575/600 V rated value 3 hp Short-circuit protection product function short circuit protection Yes design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V gL/gG 32 A • at 500 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position any	•	0.8 hp
- at 460/480 V rated value 2 hp - at 575/600 V rated value 3 hp Short-circuit protection product function short circuit protection Yes design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position 2 hp 2 hp 3 hp Yes magnetic gL/gG 32 A gL/gG 32 A gL/gG 32 A gL/gG 32 A		
— at 575/600 V rated value 3 hp Short-circuit protection product function short circuit protection Yes design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V gL/gG 32 A • at 500 V gL/gG 32 A • at 690 V gL/gG 25 A Installation/ mounting/ dimensions mounting position any		·
product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position Yes magnetic gL/gG 32 A gL/gG 32 A gL/gG 32 A gL/gG 32 A any		·
product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position Yes magnetic gL/gG 32 A gL/gG 32 A gL/gG 32 A gL/gG 32 A any		Vp
design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position magnetic magnetic gL/gG 32 A gL/gG 32 A gL/gG 32 A any		Voe
design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V gL/gG 32 A • at 500 V gL/gG 32 A • at 690 V gL/gG 25 A Installation/ mounting/ dimensions mounting position any		
protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position gL/gG 32 A gL/gG 32 A gL/gG 25 A		magnetic
• at 400 V gL/gG 32 A • at 500 V gL/gG 32 A • at 690 V gL/gG 25 A Installation/ mounting/ dimensions mounting position any		
at 500 V at 690 V gL/gG 32 A to 1690 V Installation/ mounting/ dimensions mounting position any	•	al /aG 32 A
• at 690 V gL/gG 25 A Installation/ mounting/ dimensions mounting position any		
Installation/ mounting/ dimensions mounting position any		
mounting position any		9L9O 23 A
screw and snap-on mounting onto 35 mm standard mounting rail		•
	fastening method	screw and snap-on mounting onto 35 mm standard mounting rail

	according to DIN EN 60715
height	according to DIN EN 60715 97 mm
width	45 mm
depth	97 mm
required spacing	
 for grounded parts at 400 V 	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
 for live parts at 400 V 	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
 for grounded parts at 500 V 	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
 for live parts at 500 V 	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
 for grounded parts at 690 V 	
downwards	50 mm
— upwards	50 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
• for live parts at 690 V	
— downwards	50 mm
— upwards	50 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
Connections/ Terminals	
product component removable terminal for auxiliary	No
and control circuit	
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 (0,75 2,5 mm²), 2x 4 mm²
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
at AWG cables for main contacts	2x (18 14), 2x 12
tightening torque	
for main contacts with screw-type terminals	0.8 1.2 N·m
design of screwdriver shaft	Diameter 5 to 6 mm
size of the screwdriver tip	Pozidriv size 2
design of the thread of the connection screw	
• for main contacts	M3
Safety related data	
B10 value	
with high demand rate acc. to SN 31920	5 000
	0 000
proportion of dangerous failures	50 %
• with low demand rate and to CN 24020	50 %
with low demand rate acc. to SN 31920 with high demand rate acc. to SN 31920	50.9/
with high demand rate acc. to SN 31920	50 %
with high demand rate acc. to SN 31920 failure rate [FIT]	
• with high demand rate acc. to SN 31920	50 % 50 FIT IP20

touch protection on the front acc. to IEC 60529

finger-safe, for vertical contact from the front

display version for switching status

Handle

Certificates/ approvals

General Product Approval



Confirmation





<u>KC</u>



Declaration of Conformity

Test Certificates

Marine / Shipping



UK Declaration of Conformity

Type Test Certificates/Test Report

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





Marine / Shipping











Confirmation

other

other

Railway



Confirmation

Vibration and Shock

Further information

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=3RV2411-1EA10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2411-1EA10

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-1EA10

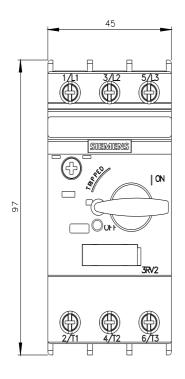
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

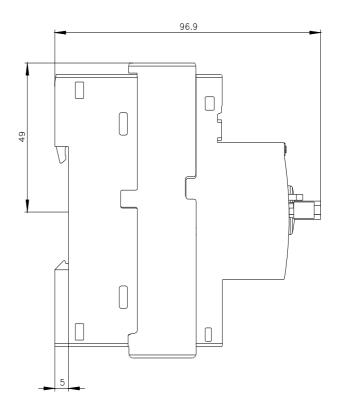
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2411-1EA10&lang=en

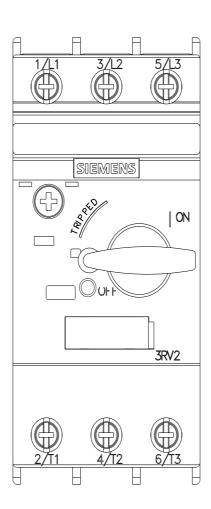
Characteristic: Tripping characteristics, I2t, Let-through current

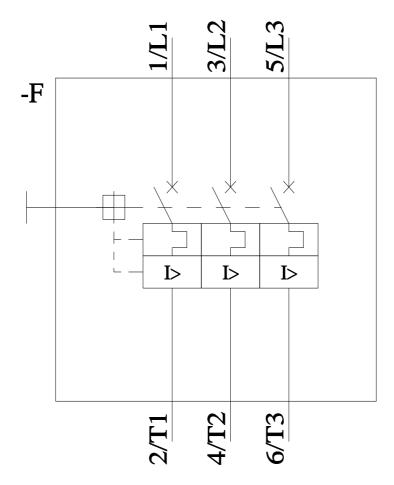
https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-1EA10/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2411-1EA10&objecttype=14&gridview=view1









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