SIEMENS

Data sheet 3RV2031-4EA15



Circuit breaker size S2 for motor protection, CLASS 10 A-release 22...32 A N-release 416 A screw terminal Standard switching capacity with transverse auxiliary switches 1 NO+1 NC

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	S2
size of contactor can be combined company-specific	S2
product extension auxiliary switch	Yes
power loss [W] for rated value of the current	
 at AC in hot operating state 	18 W
 at AC in hot operating state per pole 	6 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 Sinus
mechanical service life (operating cycles)	
 of the main contacts typical 	50 000
 of auxiliary contacts typical 	50 000
electrical endurance (operating cycles) typical	50 000
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)	10/15/2014
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
 during operation 	-20 +60 °C
during storage	-50 +80 °C
 during transport 	-50 +80 °C
relative humidity during operation	10 95 %
Main circuit	
number of poles for main current circuit	3
adjustable current response value current of the current-dependent overload release	22 32 A
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
operational current rated value	32 A

## A AC-3 at 400 V rated value 32 A 32 A 32 A 34 A 32 A 34 A 32 A 34 A	operational current	
* at AC-3e at 400 V rated value		32 A
Part		
■ at 230 V rated value		<u></u>
	— at 230 V rated value	7.5 kW
■ at AC-3e ■ at AC-3e ■ at 400 V rated value ■ at 500 V rated value ■ at 500 V rated value ■ at 500 V rated value ■ at 600 V rated value ■ at 600 V rated value ■ at AC-3 maximum ■ at AC-4 maximary contacts 1 manswerse 1 m	— at 400 V rated value	15 kW
• at AC.3e — at 230 V rated value	— at 500 V rated value	18.5 kW
	— at 690 V rated value	30 kW
— at 400 V rated value	• at AC-3e	
— at 800 V rated value — at 809 V rated value 30 kW operating frequency ■ at AC-3 maximum 15 1/h ■ at AC-3 maximum 15 1/h Auxiliary circuit design of the auxiliary switch number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 operational current of auxiliary contacts 1 at 24 V ■ at 230 V 0,5 A operational current of auxiliary contacts at DC-13 ■ at 24 V ■ at 80 V ■ at 120 V 0,15 A ■ at 125 V ■ at 125 V ■ at 125 V ■ at 125 V ■ at 220 V 0,A Protective and monitoring functions product function ■ ground fault detection ■ gr	— at 230 V rated value	7.5 kW
at 690 V rated value operating frequency • at AC-3-a maximum • at AC-3-a maximum • at AC-3-e maximum • at AC-15 • at 24-V • at 250 V • at 250 V • at 250 V • at 125 V • at 260 V • at 125 V • at 220 V • at AC at 240 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 680 V rated value • at AC at 680 V rated value • at 400 V rated value • for single-phase AC motor • at 400 V rated value • for single-phase AC motor • at 400 V rated value • for single-	— at 400 V rated value	15 kW
e at AC-3e maximum		
		30 kW
e at AC-3e maximum		
Auxiliary circuit design of the auxiliary switch number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts operational current of auxiliary contacts at AC-15 at 24 V at 29 V at 29 V at 29 V begin at 24 V at 20 V at 20 V begin at 25 V at 25 V begin at 26 V begin		
design of the auxiliary switch number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 operational current of auxiliary contacts at AC-15 a 12 4 at 230 V 0,5 A operational current of auxiliary contacts at DC-13 at 24 V at 20 V 0,5 A operational current of auxiliary contacts at DC-13 at 24 V at 60 V 0,15 A 0,15 A at 124 V at 10 V 0,0 A at 110 V 0,0 A at 125 V 0,0 A at 125 V 0,0 A cat 125 V 0,0 A protective and monitoring functions product function ground fault detection Yes contrip class classing 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 400 V rated value at AC at 500 V rated value at AC at 500 V rated value at AC at 800 V rated value at AC at 800 V rated value at 400 V rated value at 600 V rated value brief of single-phase AC motor at 200/208 V rated value at 55,600 V rated value at 57,500 V ra		15 1/n
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts operational current of auxiliary contacts at AC-15 • at 24 V 2A • at 230 V 0.5 A operational current of auxiliary contacts at DC-13 • at 24 V 1A • at 60 V 0.15 A • at 170 V 0A • at 170 V 0A • at 125 V 0A • at 220 V Protective and monitoring functions Product function • ground fault detection • phase failure detection rip class design of the overload release maximum short-circuit current breaking capacity (icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 400 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 rated value • at		
number of NC contacts for auxiliary contacts operational current of auxiliary contacts at AC-15		
at 24 V		
* at 24 V		1
• at 230 V operational current of auxilliary contacts at DC-13 • at 24 V • at 60 V • at 110 V • at 110 V • at 125 V • at 220 V Protective and monitoring functions Product function • ground fault detection • phase failure detection • phase failure detection * product function • ground fault detection • phase failure detection * trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at 400 V rated value • at 690 V rated value • at 400 V rated value • at 400 V rated value • at 690 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • at 480 V rated value • at 240 V rated value • at 480 V rated value • at 230 V rated value • at 200/208 V rated value • at 57600 V rated value		
at 24 V		
* at 24 V		0.5 A
• at 60 V • at 110 V • at 1125 V • at 220 V Protective and monitoring functions product function • ground fault detection • pround fault detection • ground fault detecti		1 Λ
• at 220 V Protective and monitoring functions product function • ground fault detection • phase failure detection • phase failure detection • ground fault detection • phase failure detection • 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 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 • at 400 V rated value • at 690 V rated value • at 200 V rated value • at 200/208 V rated value • at 400 V rated value • at 200/208 V rated value • at 200/208 V rated value • at 400 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 200/208 V rated value • at 200/208 V rated value • at 500 V rated value • at 200/208 V rated value • at 500 V rated value • at 600 V ra		
Protective and monitoring functions product function • ground fault detection • phase failure detection • prose failure detection • prose failure detection • prose failure detection • prose failure detection • yes CLASS 10 thermal 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 AC at 400 V rated value • at 690 V rated value • at 690 V rated value • at 80 V rated value • at 480 V rated value • at 230 V rated value • at 230 V rated value • at 690 V r		
product function • ground fault detection • phase failure detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 400 V rated value • at AC at 400 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 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 • at 800 V rated value • at 480 V rated value • at 240 V rated value • at 200 V rated value • at 410 V rated value • at 420 V rated value • at 525 hp • at 575/600 V rated value	Protective and monitoring functions	
• ground fault detection • phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 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 2500 V rated value • at 400 V rated value • at 600 V rated value • at 400 V rated value • at 480 V rated value • at 600 V rated value • at 200/208 V rated value • for 3-phase AC motor — at 110/120 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 460/480 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 • 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 • 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 • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor — at 200/200 V rated value • for 3-phase AC motor		
Phase failure detection trip class design of the overload release maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value at AC at 690 V rated value at AC at 690 V rated value at AC at 400 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 400 V rated value at 65 kA at 500 V rated value at 600 V rated value at 480 V rated value bf or 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 at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC moto	•	No
trip class 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 AC at 690 V rated value • at 400 V rated value • at 240 V rated value operating short-circuit current breaking capacity (Ics) at AC • at 240 V rated value • at 240 V rated value • at 240 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 • at 600 V rated value • at 200 V rated value • at 230 V rated value • for single-phase AC motor — at 110/120 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 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 • 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 255/600 V rated value		
maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 5500 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 be at AC at 690 V rated value at AC at 690 V rated value be at 240 V rated value at 240 V rated value at 2500 V rated value at 690 V rated value be at 690 V rated value be at 690 V rated value be for 3-phase AC motor at 200/208 V rated value at 200/208 V rated value be for 3-phase AC motor at 220/230 V rated value at 250 V rated value at 250 V rated value at 250 V rated value at 460480 V rated value 25 hp at 675/600 V rated value 30 hp		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 AC at 690 V rated value out AC at 690 V rated value out AC at 690 V rated value out 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 690 V rated value at 690 V rated value response value current of instantaneous short-circuit trip unit out 600 V rated value at 240 V rated value at 250 V rated value at 200 V rated value at 575/600 V rated value 30 hp 	design of the overload release	thermal
 at AC at 400 V rated value at AC at 500 V rated value at AC at 690 V rated value at AC at 690 V rated value 4 kA operating short-circuit current breaking capacity (Ics) at AC at 240 V rated value at 500 V rated value at 690 V rated value at 480 V rated value at 480 V rated value at 480 V rated value at 7 at 7	maximum short-circuit current breaking capacity (Icu)	
 at AC at 500 V rated value at AC at 690 V rated value 4 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 690 V rated value at 600 V rated value at 416 A 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 at 600 V rated value at 110/120 V rated value at 110/120 V rated value for single-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/230 V rated value for 3-phase AC motor at 200/230 V rated value for 3-phase AC motor at 200/230 V rated value to hp at 460/480 V rated value at 575/600 V rated value at 575/600 V rated value at 575/600 V rated value 	 at AC at 240 V rated value 	100 kA
at AC at 690 V rated value operating short-circuit current breaking capacity (Ics) at AC at 240 V rated value at 400 V rated value at 500 V rated value at 690 V rated value built IUL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value bircuit of ro 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 of 3 hp of 3-phase AC motor at 200/208 V rated value bircuit at 200/208 V rated value at 2575/600 V rated value 30 hp		65 kA
operating short-circuit current breaking capacity (Ics) at AC • at 240 V rated value • at 500 V rated value • at 690 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 • at 600 V rated value so 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 460/480 V rated value — at 460/480 V rated value — at 575/600 V rated value		
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 • 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 460/480 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value 30 kA 416 A 416 A 417 A 418 A 419 A 419 A 410 A 410 A 410 A 411 A 411 A 411 A 412 A 413 A 414 A 415 A 416 A 416 A 417 A 417 A 418 A 419 A 419 A 419 A 410 A		4 kA
 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 IUL/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 at 23 V rated value for 3-phase AC motor at 230 V rated value for 3-phase AC motor at 220/230 V rated value hp at 220/230 V rated value at 460/480 V rated value at 460/480 V rated value at 5 hp at 460/480 V rated value at 5 hp at 460/480 V rated value at 5 hp at 575/600 V rated value at 5 hp 		
 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 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 at 600 V rated value at 7 in 10/120 V rated value at 110/120 V rated value at 23 V rated value for 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 bp at 460/480 V rated value at 460/480 V rated value at 5 hp at 575/600 V rated value 30 hp 		100 kA
 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 for single-phase AC motor at 110/120 V rated value for single-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 at 200/208 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 30 hp 	• 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 32 A yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 3 hp — at 230 V rated value 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 25 hp — at 575/600 V rated value 30 hp	• at 500 V rated value	5 kA
unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value 32 A • at 600 V rated value 32 A yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 3 hp — at 230 V rated value 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 25 hp — at 575/600 V rated value 30 hp	at 690 V rated value	2 kA
tull-load current (FLA) for 3-phase AC motor • at 480 V rated value	·	416 A
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 • 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 32 A 32 A 33 hp 5 hp 10 hp 10 hp 25 hp 30 hp		
 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 for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value at 575/600 V rated value at 92 hp at 575/600 V rated value at 460/480 V rated value at 575/600 V rated value at 575/600 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 5 hp for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value 30 hp 		32 A
yielded mechanical performance [hp] ● for single-phase AC motor — at 110/120 V rated value 3 hp — at 230 V rated value 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 25 hp — at 575/600 V rated value 30 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 460/480 V rated value at 575/600 V rated value for 3 hp for 3 hp for 4 hp for 5 hp for 4 hp for 5 hp for 5 hp for 6 hp<!--</td--><td></td><td></td>		
 — at 110/120 V rated value — at 230 V rated value 5 hp for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value 3 hp 5 hp 25 hp 30 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 25 hp — at 575/600 V rated value 30 hp		3 hp
- at 200/208 V rated value 10 hp - at 220/230 V rated value 10 hp - at 460/480 V rated value 25 hp - at 575/600 V rated value 30 hp	— at 230 V rated value	5 hp
— at 220/230 V rated value 10 hp — at 460/480 V rated value 25 hp — at 575/600 V rated value 30 hp	 for 3-phase AC motor 	
— at 460/480 V rated value 25 hp — at 575/600 V rated value 30 hp	 at 200/208 V rated value 	
— at 575/600 V rated value 30 hp	 at 220/230 V rated value 	
	 at 460/480 V rated value 	
contact rating of auxiliary contacts according to UL C300 / R300		
	contact rating of auxiliary contacts according to UL	C300 / R300

product function short circuit protection design of the short-circuit protection of the suxiliary switch required specified of the fuse link (or short-circuit protection of the auxiliary switch required (absign of the fuse link for IT network for short-circuit protection of the main circuit (absign of the fuse link for IT network for short-circuit protection of the main circuit (absign of the fuse link for IT network for short-circuit protection of the main circuit (absign of the fuse link for IT network for short-circuit protection of the main circuit (absign of the fuse link for IT network for short-circuit protection of the main circuit (absign of the fuse link for IT network for short-circuit protection of the main circuit (absign of the fuse link for IT network for short-circuit (absign of the fuse link for IT n	Short-circuit protection	
design of the short-circuit trip design of the fuse link * for short-circuit protection of the auxiliary switch required 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 600 V * at 600 V * at 600 V * at 680 V		Yes
design of the fuse link * for short-circuit protection of the auxiliary switch required design of the fuse link for I'r network for short-circuit protection of the main circuit ***o at 24 00 V** * at 400 V** * at 500 V** * at 600 V**	·	
or farbort-circuit protection of the auxiliary switch required design of the fuse link for it'n network for short-circuit protection of the main circuit		
design of the fuse link for IT network for short-circuit protection of the main circuit	•	fuse qG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk <
design of the fuse link for IT network for short-circuit protection of the main circuit • at 240 V		
protection of the main circuit	·	,
	• at 240 V	none required
■ at 890 V	● at 400 V	125
mounting position fastering method 60715 height width 55 mm depth 149 mm required spacing • with side-by-side mounting at the side 6 for grounded parts at 400 V — downwards 50 mm — at the side 10 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for five parts at 500 V — downwards 50 mm — at the side 10 mm • for min current circuit 50 mm • for min current circuit 50 mm • for min current circuit 50 mm • for min current circuit 50 mm • for min contacts 50 mm • for min contacts 50 mm • fire min contacts 50 mm • at AlvG cables for main cortacts 50 x (1 25 mm²), 1x (1 25 mm²) • at AlvG cables for main cortacts 50 x (1	● at 500 V	100
mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width depth 140 mm vidth depth 149 mm required spacing • with side-by-side mounting at the side • for grounded parts at 400 V — downwards — upwards — of frive parts at 400 V — downwards — of frive parts at 400 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — opwards — opwards — opwards — of frive parts at 500 V — downwards — opwards — at the side • for grounded parts at 500 V — downwards — at the side • for live parts at 500 V — downwards — opwards — of live parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of fire side **Of main contect or fire frive friv	● at 690 V	80
mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width depth 140 mm vidth depth 149 mm required spacing • with side-by-side mounting at the side • for grounded parts at 400 V — downwards — upwards — of frive parts at 400 V — downwards — of frive parts at 400 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — opwards — opwards — opwards — of frive parts at 500 V — downwards — opwards — at the side • for grounded parts at 500 V — downwards — at the side • for live parts at 500 V — downwards — opwards — of live parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of frive parts at 500 V — downwards — of fire side **Of main contect or fire frive friv	Installation/ mounting/ dimensions	
fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 form height width depth 140 mm depth 149 mm required spacing • with side-by-side mounting at the side 0 mm • for grounded parts at 400 V — downwards 50 mm — upwards 50 mm — at the side 10 mm • for live parts at 400 V — downwards — upwards 50 mm — upwards 50 mm — at the side 10 mm • for grounded parts at 500 V — downwards — upwards 50 mm — at the side 10 mm • for live parts at 500 V — downwards — at the side 10 mm • for grounded parts at 690 V — downwards — upwards 50 mm — at the side 10 mm • for live parts at 690 V — downwards — upwards 50 mm — at the side 10 mm • for live parts at 690 V — downwards — at the side 10 mm		any
60715 140 mm 14		
width depth 55 mm depth 149 mm required spacing *** • with side-by-side mounting at the side 0 mm • for grounded parts at 400 V 50 mm — at the side 10 mm • for live parts at 400 V *** — downwards 50 mm — upwards 50 mm — at the side 10 mm • for grounded parts at 500 V *** — downwards 50 mm — upwards 50 mm — at the side 10 mm • for live parts at 500 V *** — downwards 50 mm — at the side 10 mm • for grounded parts at 690 V *** — downwards 50 mm — upwards 50 mm — at the side 10 mm • for grounded parts at 690 V *** — downwards 50 mm — at the side 10 mm • for grounded parts at 690 V *** — downwards 50 mm — at the side 10 mm <th></th> <th></th>		
width depth 55 mm required spacing with side-by-side mounting at the side 0 mm • for grounded parts at 400 V 50 mm — upwards 50 mm — at the side 10 mm • for live parts at 400 V 50 mm — upwards 50 mm — at the side 10 mm • for grounded parts at 500 V 60 mm — downwards 50 mm — at the side 10 mm • for live parts at 500 V 60 mm — at the side 10 mm • for live parts at 500 V 60 mm — at the side 10 mm • for grounded parts at 690 V 60 mm — at the side 10 mm • for grounded parts at 690 V 60 mm — downwards 50 mm — at the side 10 mm • for live parts at 690 V 60 mm — downwards 50 mm — at the side 10 mm • for live parts at 690 V 60 mm — downwards 50 mm — at the side 10	height	140 mm
required spacing • with side-by-side mounting at the side • for grounded parts at 400 V — downwards — upwards — at the side • for live parts at 400 V — downwards — upwards — ownwards — upwards — at the side • for grounded parts at 500 V — downwards — ownwards — at the side • for grounded parts at 500 V — downwards — at the side • for live parts at 500 V — downwards — upwards — at the side • for live parts at 500 V — downwards — ownwards — ownwards — ownwards — ownwards — at the side • for live parts at 500 V — downwards — at the side • for grounded parts at 690 V — downwards — at the side • for grounded parts at 690 V — downwards — upwards — upwards — at the side • for live parts at 500 V — downwards — at the side • for live parts at 690 V — downwards — at the side • for live parts at 690 V — downwards — at the side • for main current circuit • for main current circuit • for main current circuit • for main current of electrical connections • for main contacts — solid or stranded — finely stranded with core end processing • at AVG cables for main contacts • at AVG cables for main contacts 2x (1 25 mm²), 1x (1 25 mm²) 2x (1 35 mm²), 1x (1 25 mm²) 2x (1 35 mm²) 2x (1 35 mm²) 2x (1 35 mm²) 2x (1 35 mm²)	_	55 mm
• with side-by-side mounting at the side • for grounded parts at 400 V — downwards — upwards — at the side • for live parts at 400 V — downwards — at the side — to make the side — to	depth	149 mm
• with side-by-side mounting at the side • for grounded parts at 400 V — downwards — upwards — at the side • for live parts at 400 V — downwards — at the side — to make the side — to	•	
• for grounded parts at 400 V - downwards 50 mm - at the side 10 mm • for live parts at 400 V - downwards 50 mm - upwards 50 mm - upwards 50 mm - at the side 10 mm • for grounded parts at 500 V - downwards 50 mm - upwards 50 mm - upwards 50 mm - at the side 10 mm • for live parts at 500 V - downwards 50 mm - at the side 10 mm • for five parts at 500 V - downwards 50 mm - upwards 50 mm - at the side 10 mm • for grounded parts at 500 V - downwards 50 mm - upwards 50 mm - at the side 10 mm • for grounded parts at 690 V - downwards 50 mm - at the side 10 mm • for grounded parts at 690 V - downwards 50 mm - at the side 10 mm • for live parts at 690 V - downwards 50 mm - at the side 10 mm • for live parts at 690 V - downwards 50 mm - at the side 10 mm • for live parts at 690 V - downwards 50 mm - at the side 10 mm • for live parts at 690 V - downwards 50 mm - at the side 10 mm • for live parts at 690 V - downwards 50 mm - upwards 50 mm - u		0 mm
- downwards		
- upwards - at the side • for live parts at 400 V - downwards - upwards - at the side • for grounded parts at 500 V - downwards - at the side • for grounded parts at 500 V - downwards - at the side • for live parts at 500 V - downwards - at the side • for live parts at 500 V - downwards - at the side • for live parts at 500 V - downwards - upwards - at the side • for grounded parts at 690 V - downwards - at the side • for grounded parts at 690 V - downwards - at the side • for live parts at 690 V - downwards - at the side • for live parts at 690 V - downwards - at the side • for live parts at 690 V - downwards - at the side • for live parts at 690 V - downwards - at the side • for live parts at 690 V - downwards - at the side • for live parts at 690 V - downwards - at the side - for live parts at 690 V - downwards - at the side - for live parts at 690 V - downwards - at the side - for side connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts - x (1 25 mm²), 1x (1 25 mm²) - xt AWG cables for main contacts - x (2 x (1 31, 1x (18 2)		50 mm
• for live parts at 400 V	•	
- downwards - upwards - at the side • for grounded parts at 500 V - downwards - upwards - at the side • for grounded parts at 500 V - downwards - at the side • for live parts at 500 V - downwards - at the side • for grounded parts at 690 V - downwards - at the side • for grounded parts at 690 V - downwards - at the side • for live parts at 690 V - downwards - at the side • for live parts at 690 V - downwards - at the side • for live parts at 690 V - downwards - at the side • for live parts at 690 V - downwards - at the side • for live parts at 690 V - downwards - at the side • for nain current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts - 2x (1 25 mm²), 1x (1 25 mm²) - 2x (1 25 mm²), 1x (1 25 mm²) - 2x (1 25 mm²), 1x (1 25 mm²) - 2x (1 25 mm²), 1x (1 25 mm²) - 2x (1 3, 1x (1 8 2)		
- upwards - at the side • for grounded parts at 500 V - downwards - upwards - at the side • for live parts at 500 V - downwards - upwards - at the side - for grounded parts at 690 V - downwards - upwards - at the side - for live parts at 690 V - downwards - of live parts at 690 V - downwards - upwards - the side - to main current circuit - for main contacts - solid or stranded - finely stranded with core end processing - at AWG cables for main contacts - 2x (1 25 mm²), 1x (1 25 mm²) - 2x (18 3), 1x (18 2)	•	50 mm
- at the side • for grounded parts at 500 V - downwards - upwards - at the side • for live parts at 500 V - downwards - upwards - upwards - at the side • for grounded parts at 500 V - downwards - upwards - at the side • for grounded parts at 690 V - downwards - upwards - the side • for live parts at 690 V - downwards - upwards - the side • for live parts at 690 V - downwards - upwards - upwards - upwards - the side 10 mm Connections/ Torminals type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts 2x (1 25 mm²), 1x (1 25 mm²) 2x (1 25 mm²), 1x (1 25 mm²) 2x (1 25 mm²), 1x (1 25 mm²)		
• for grounded parts at 500 V	•	
downwards 50 mm upwards 50 mm at the side 10 mm ■ for live parts at 500 V downwards 50 mm upwards 50 mm upwards 50 mm upwards 50 mm at the side 10 mm ■ for grounded parts at 690 V downwards 50 mm at the side 10 mm ■ of or live parts at 690 V downwards 50 mm at the side 10 mm ■ for live parts at 690 V downwards 50 mm at the side 10 mm ■ for live parts at 690 V downwards 50 mm at the side 10 mm ■ of or live parts at 690 V downwards 50 mm at the side 10 mm Connections/ Terminals type of electrical connection ■ for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current circuit 5crew-type terminals ■ rangement of electrical connectors for main current 6crew-type terminals ■ rangement of electrical connectors for main current 6crew-type terminals ■ rangement of electrical connectors for main current 6crew-type terminals ■ rangement of electrical connectors		10 11111
- upwards		50 mm
- at the side • for live parts at 500 V - downwards - upwards - at the side • for grounded parts at 690 V - downwards - upwards - upwards - upwards - upwards - at the side • for live parts at 690 V - downwards - upwards - at the side • for live parts at 690 V - downwards - upwards - upwards - upwards - upwards - upwards - upwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 16 mm²), 1x (1 25 mm²) • at AWG cables for main contacts 2x (1 16 mm²), 1x (1 25 mm²)		
 for live parts at 500 V — downwards — upwards — at the side for grounded parts at 690 V — downwards — upwards — upwards — at the side 10 mm for live parts at 690 V — downwards — at the side 10 mm for live parts at 690 V — downwards — upwards — upwards — upwards — upwards — at the side 10 mm Connections/ Terminals type of electrical connection for main current circuit of or auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections of or main contacts — solid or stranded — solid or stranded — finely stranded with core end processing of the AWG cables for main contacts 2x (1 25 mm²), 1x (1 25 mm²) of the MWG cables for main contacts 2x (1 16 mm²), 1x (1 25 mm²) 	•	
- downwards - upwards - at the side • for grounded parts at 690 V - downwards - upwards - at the side • for live parts at 690 V - downwards - at the side • for live parts at 690 V - downwards - upwards - the side • for main current circuit • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts 50 mm - 10 mm - 50 mm - 70 p and bottom - 70 p and		10 11111
- upwards - at the side 10 mm • for grounded parts at 690 V - downwards - upwards - at the side 50 mm - upwards - at the side 10 mm • for live parts at 690 V - downwards - upwards - at the side 50 mm - upwards - downwards - upwards - at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts 2x (1 25 mm²), 1x (1 35 mm²) - at AWG cables for main contacts 2x (1 16 mm²), 1x (1 25 mm²) - at AWG cables for main contacts 2x (1 25 mm²), 1x (1 25 mm²) - at AWG cables for main contacts	•	50 mm
- at the side • for grounded parts at 690 V - downwards - upwards - at the side • for live parts at 690 V - downwards • for live parts at 690 V - downwards - upwards - upwards - upwards - upwards - at the side 50 mm 50 mm - the side 50 mm - the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 25 mm²) 2x (1 25 mm²) 2x (1 25 mm²)		
 for grounded parts at 690 V downwards upwards at the side for live parts at 690 V downwards upwards upwards upwards upwards at the side for main current circuit for auxiliary and control circuit arrangement of electrical connectors for main current circuit for main contacts arrangement of electrical connectors for main current circuit for main contacts for main contacts arrangement of electrical connectors for main current circuit for main contacts for main contacts at AWG cables for main contacts at AWG cables for main contacts 2x (1 25 mm²), 1x (1 25 mm²) at AWG cables for main contacts 2x (1 16 mm²), 1x (1 25 mm²) at AWG cables for main contacts 	•	
- downwards - upwards - at the side 10 mm • for live parts at 690 V - downwards - upwards - upwards - upwards - upwards - upwards - upwards - at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts 50 mm 60 mm		10 11111
- upwards - at the side • for live parts at 690 V - downwards - upwards - at the side 50 mm - upwards - at the side 50 mm - upwards - at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts 2 x (1 25 mm²), 1x (1 35 mm²) - 2x (1 16 mm²), 1x (1 25 mm²) - 2x (1 25 mm²) - 2x (1 25 mm²), 1x (1 25 mm²) - 2x (1 25 mm²)		50 mm
- at the side • for live parts at 690 V - downwards - upwards - at the side 10 mm 50 mm - at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 25 mm²) 2x (1 25 mm²) 2x (1 25 mm²)		
 for live parts at 690 V — downwards — upwards — at the side — screw-type terminals — screw-type terminals — top and bottom — top and bottom — at the side — at the side — screw-type terminals — top and bottom — top and bottom — solid or stranded — solid or stranded — finely stranded with core end processing — at the side — screw-type terminals — top and bottom — top and bottom — screw-type terminals — top and bottom — top and bottom — screw-type terminals — top and bottom — top and bottom — screw-type terminals — top and bottom — top and bottom — screw-type terminals — top and bottom — top and bottom — top and bottom — screw-type terminals — top and bottom — screw-type terminals — top and bottom — top and bottom	•	
- downwards - upwards - at the side Connections/ Terminals type of electrical connection		10 111111
— upwards — at the side Connections/ Terminals type of electrical connection	•	50 mm
— at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • at AWG cables for main contacts 2 x (1 25 mm²), 1x (1 35 mm²) 2 x (1 16 mm²), 1x (1 25 mm²) 2 x (1 25 mm²), 1x (1 25 mm²)		
type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • at AWG cables for main contacts screw-type terminals Top and bottom Top and bottom 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 25 mm²), 1x (1 25 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 16 mm²), 1x (1 25 mm²)	•	
type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • at AWG cables for main contacts Screw-type terminals Top and bottom		10 111111
 for main current circuit for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts screw-type terminals Top and bottom 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 25 mm²), 1x (1 25 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 		
 for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts screw-type terminals Top and bottom 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 25 mm²), 1x (1 25 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 16 mm²), 1x (1 25 mm²)		
arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • at AWG cables for main contacts Top and bottom 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 16 mm²), 1x (1 25 mm²)		
type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • at AWG cables for main contacts type of connectable conductor cross-sections 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 31, 1x (1 25 mm²)		
type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • at AWG cables for main contacts 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (18 3), 1x (18 2)	•	l op and bottom
 for main contacts — solid or stranded — finely stranded with core end processing at AWG cables for main contacts 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 35 mm²) 2x (1 31 mm²) 2x (1 35 mm²) 2x (1 35 mm²) 2x (1 35 mm²) 		
 — solid or stranded — finely stranded with core end processing at AWG cables for main contacts 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 3), 1x (18 2) 		
 — finely stranded with core end processing at AWG cables for main contacts 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 2x (1 16 mm²), 1x (1 25 mm²) 		2v (1 25 mm²\ 1v (1 25 mm²\
• at AWG cables for main contacts 2x (18 3), 1x (18 2)		
tune of connectable conductor erose coctions		ΔX (10 3), 1X (18 Δ)
type of connectable conductor cross-sections		
• for auxiliary contacts		0 (0 5 4 5 3) 0 (0 5 5 0 5
— solid or stranded 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
— finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
• at AWG cables for auxiliary contacts 2x (20 16), 2x (18 14)		2x (20 16), 2x (18 14)
tightening torque		
• for main contacts with screw-type terminals 3 4.5 N·m		
 for auxiliary contacts with screw-type terminals 0.8 1.2 N⋅m 	for auxiliary contacts with screw-type terminals	0.8 1.2 N·m

design of screwdriver shaft size of the screwdriver tip design of the thread of the connection screw • for main contacts

Diameter 5 to 6 mm Pozidriv size 2

M6 M3

· of the auxiliary and control contacts

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 50 % 50 %

• 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 FIT

5 000

10 a

IP20

finger-safe, for vertical contact from the front

Handle

Certificates/ approvals

General Product Approval





Confirmation



KC



For use in hazardous locations

Declaration of Conformity

Test Certificates











Special Test Certificate

Type Test Certificates/Test Report

Marine / Shipping













other

Railway

Confirmation



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=3RV2031-4EA15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2031-4EA15

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

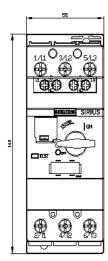
https://support.industry.siemens.com/cs/ww/en/ps/3RV2031-4EA15

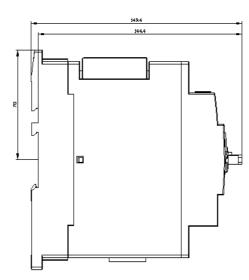
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2031-4EA15&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

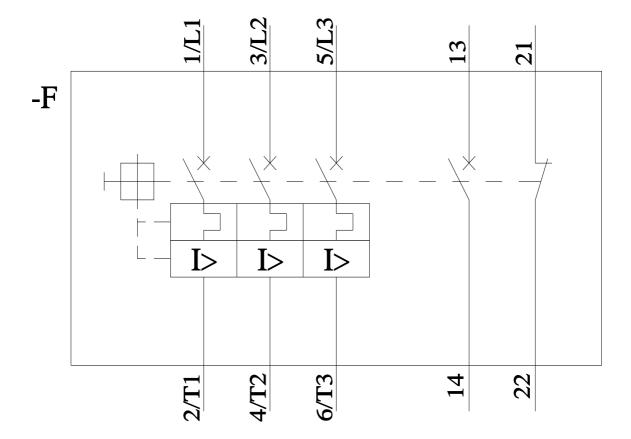
https://support.industry.siemens.com/cs/ww/en/ps/3RV2031-4EA15/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2031-4EA15&objecttype=14&gridview=view1









last modified: 11/21/2022 🖸