SIEMENS

Data sheet

3RV2411-1FA15



Circuit breaker size S00 for transformer protection A-release 3.5...5 A N-release 104 A screw terminal Standard switching capacity with transverse auxiliary switches 1 NO+1 NC $\,$

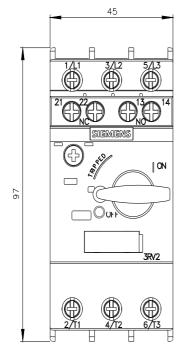
product brand name SIRIUS product designation Circuit breaker design of the product For transformer protection product type designation 3RV2 General technical data 500 size of contactor can be combined company-specific product extension auxiliary switch S00 pwer loss [W] for rated value of the current 4 AC in hot operating state • 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 shock resistance according to IEC 60068-2-27 25g / 11 ms mechanical service life (switching cycles) 100 000 • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) <t< th=""><th colspan="6">472 473</th></t<>	472 473					
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adjustable current response value current of the 3.5 5 A 3.5 5 A operating voltage	Main circuit					
current-dependent overload release operating voltage	number of poles for main current circuit	3				
		3.5 5 A				
	operating voltage					
• Tateu value 20 090 V	 rated value 	20 690 V				
• at AC-3 rated value maximum 690 V	 at AC-3 rated value maximum 	690 V				
• at AC-3e rated value maximum 690 V	 at AC-3e rated value maximum 	690 V				
operating frequency rated value 50 60 Hz	operating frequency rated value	50 60 Hz				
operational current rated value 5 A	operational current rated value	5 A				
operational current	operational current					
• at AC-3 at 400 V rated value 5 A	 at AC-3 at 400 V rated value 	5 A				
• at AC-3e at 400 V rated value 5 A	 at AC-3e at 400 V rated value 	5 A				
operating power	operating power					

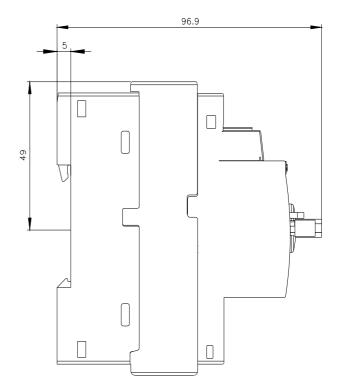
• • • • • • • • • • • • • • • • • • •	● at AC-3	
− at 400 V rade Vaue 1.5 kW − at 500 V rade Vaue 4 kW − at 230 V rade Vaue 4 kW − at 230 V rade Vaue 1.5 kW − at 230 V rade Vaue 1.5 kW − at 200 V rade Vaue 2.2 kW − at 500 V rade Vaue 2.8 kW • at AC-26 maximum 15 t/n • at AC-26 maximum 15 t/n • at AC-36 maximum 15 t/n • at AC-36 maximum 15 t/n • at AC-36 maximum 15 t/n • at 2.2 kW 2.4 kW • at 2.3 v 0.5 A • at 2.4 V 0.5 A • at 2.5 V 0.5 A • at 2.0 V rade Vaue 0.15 A		1 1 1/10/
 → al 500 V rated value → al AC.3a → al AC.3b V rated value ↓ 5 W → al AC.3b value value ↓ 5 W → al AC.3b read value ↓ 6 W ↓ 7 W ↓ 6 W ↓ 7 W ↓ 7 W ↓ 6 W ↓ 7 W ↓ 6 W ↓ 7 W<td></td><td></td>		
• al AC-3e• al AOU Valed value1 HW- al AOU Valed value1 5 KW- al BOU Valed value2 EWW- al BOU Valed value2 EWW- al AO 3 maximum15 Kn• al AO 3 maximum15 Kn• al AO 5 maximum0• al AO 5 maximum0• al AO 5 maximum0• al AO 10 contacts for auxiliary contacts at AC-15• al AO 10 contacts for auxiliary contacts at AC-16• al 20 V0.5 A• al AO 10 full detectionNo• product functionYes• product functionYes• al AO 10 full detectionNo• al AO 20 Valed Value100 KA• al AO 10 Valed Value		
		4 KVV
		1 1 1/1/
- at 80 ∨ rate value 4 kW operating frequency 15 th • at AC-3 maximum 15 th Auxiliary circuit transverse design of the auxiliary sortacts 1 number of NC contacts for auxiliary contacts 0 operational current of auxiliary contacts 0 operational current of auxiliary contacts 0 operational current of auxiliary contacts at AC-15 - • at 24 ∨ 0.5 A • at 25 ∨ 0.5 A • at 24 ∨ 0.5 A • at 25 ∨ 0.5 A • at 24 ∨ 1 A • at 60 ∨ 0.5 A operational current of auxiliary contacts at DC-13 - • at 60 ∨ 0.5 A oppartional current of auxiliary contacts at DC-13 - • at 60 ∨ 0.5 A oppartional current of auxiliary contacts at DC-13 - • at 60 ∨ 0.5 A oppartional current of auxiliary contacts at DC-13 - • at 60 ∨ 0.5 A oppartional current of auxiliary contacts at DC-13 - • at 60 ∨ 16 value 10.0 kA • at 60 ∨ 16 value 100 kA • at 60 ∨ 16 value 100 kA • at AC at 400 ∨ 16 value 100 kA • at 40 ∨ 16 v		
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• et AC-3 maximum 15 th Auxiliary circuit Transverse design of the auxiliary sortacts 1 number of NC contacts for auxiliary contacts 0 operational current of auxiliary contacts 0 operational current of auxiliary contacts at AC-15 0 • at 24 V 0.5 A • at 20 V 0.5 A • at 20 V 0.5 A • at 30 V 0.5 A operational current of auxiliary contacts at DC-13 1 • at 30 V 0.5 A operational current of auxiliary contacts at DC-13 1 • at 30 V 0.5 A operational current of auxiliary contacts at DC-13 1 • at 30 V 0.15 A Product function Yes • phase filture detection Yes trip class CLASS 10 design of the overload release 100 kA • at AC at 400 V rated value 100 kA • at AC at 400 V rated value 100 kA • at AC at 400 V rated value 100 kA • at AC at 400 V rated value 100 kA • at 40 V rated value 100 kA • at		+ KVV
e xi AC-3e maximum 15 1/h Auxiliary circuit Financerise design of the auxiliary contacts 1 number of XC contacts for auxiliary contacts 1 number of CO contacts for auxiliary contacts 1 number of XC contacts for auxiliary contacts 1 number of XC contacts for auxiliary contacts 1 number of XC contacts for auxiliary contacts at AC-15 2.A e at 24 V 0.5 A - e at 25 V 0.5 A - e at 26 V 0.5 A - e at 20 V 0.5 A - e at 00 V 0.15 A Product function Yes - e ground fault detection Yes - e at 0.0 V 100 KA - et at 0.0 V rated value 100 KA - et at 0.0 V rated value 100 KA - et at 240 V rated value 100 KA - et at 240 V rated value 100 KA - et at 240 V rated value 100 KA - et at 00 V rated value 100 KA - et at 00 V rated value 100 KA - et		15.1/b
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number of NC contacts for auxiliary contacts 1 number of CO contacts for auxiliary contacts 0 operational current of auxiliary contacts at AC-15 0 • at 24 V 0.5 A • at 25 V 0.5 A • at 20 V 0.5 A • at 20 V 0.5 A • at 24 V 1A • at 24 V 1A • at 24 V 0.5 A • at 24 V 1A • at 24 V 0.5 A • at 24 V 0.5 A • at 24 V 0.5 A • at 24 V 1A • at 60 V 0.15 A Protective and monitoring functions Ves • ground fault distrofied Ves • ground fault distrofied Ves • at AC at 400 V rated value 100 KA • at AC at 400 V rated value 100 KA • at AC at 600 V rated value 100 KA • at AC at 600 V rated value 100 KA • at AC at 600 V rated value 100 KA • at AC at 600 V rated value 100 KA • at 40 V rated value <td< td=""><td></td><td>4</td></td<>		4
number of NO contacts for auxiliary contacts 1 number of CO contacts for auxiliary contacts 0 operational current of auxiliary contacts at AC-15 2 • at 120 V 0.5 A • at 125 V 0.5 A • at 230 V 0.5 A • at 230 V 0.5 A • at 24 V 1 • at 26 V 0.5 A • at 27 V 0.5 A • at 28 V 0.5 A • at 26 V 0.5 A • at 27 V 0.5 A • at 28 V 0.5 A • at 28 V 0.5 A • at 28 V 0.5 A • at 20 V fate duale 0.5 A • at AC at 240 V rated value 100 VA • at AC at 500 V rated value 100 VA • at AC at 600 V rated value 100 VA • at AC at 600 V rated value 100 VA • at AC at 600 V rated value 100 VA • at 400 V rated va		
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e at 120 v 2 A • at 120 v 0.5 A • at 125 v 0.5 A • at 230 v 0.5 A • operational current of auxiliary contacts at DC-13 • at 24 v • at 26 v 1 A • at 26 v 0.15 A Protective and monitoring functions v product function V • ground fault detection Yes • ground fault detection Yes • trip class CLASS 10 design of the overload release thermail breaking capacity maximum short-circuit current (lcu) • at AC at 400 V rated value • 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 100 kA • at 200 V rated value 100 kA • at 400 V rated value 100 kA • at 600 V rated value 5 A • at 600 V rated value <td></td> <td>0</td>		0
• at 120 V 0.5 Å • at 125 V 0.5 Å • at 230 V 0.5 Å • at 24 V 0.5 Å • at 60 V 0.15 Å Product function 0.5 Å egrand fault detection 0.5 Å • at 24 V 0.15 Å Product function No • graund fault detection Ves • phase failure detection Ves • at AC at 240 V rated value 100 kA • at AC at 240 V rated value 100 kA • at AC at 400 V rated value 100 kA • at AC at 400 V rated value 6 kA breaking capacity maximum short-circuit current (ics) at AC • at AC at 400 V rated value 100 kA • at AC at 400 V rated value 6 kA breaking capacity maximum short-circuit current (ics) at AC • at 400 V rated value 100 kA • at 400 V rated value 100 kA • at 400 V rated value 100 kA • at 600 V rated value 5 Å • at 600 V rated value 5 Å • at 600 V rated value 5 Å • at 600 V rated value 5 Å <td></td> <td></td>		
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		0.5 A
Protective and monitoring functions product function • ground fault detection No • phase failure detection Yes trip class CLASS 10 design of the overload release thermal breaking capacity maximum short-circuit current (lcu) it AC at 240 V rated value • at AC at 240 V rated value 100 kA • at AC at 400 V rated value 100 kA • at AC at 500 V rated value 6 kA breaking capacity operating short-circuit current (lcs) 6 kA at AC 100 kA • at 400 V rated value 100 kA • at 600 V rated value 100 kA • at 600 V rated value 100 kA • at 600 V rated value 5 A yielded mechanical performance [hp] 104 A unit 5 A Vielded mechanical performance [hp] 0.17 hp • for 3-phase AC motor 0.17 hp - at 200/208 V rated value 0.5 hp		
product function No • ground fault detection No • phase failure detection Yes trip class CLASS 10 breaking capacity maximum short-circuit current (icu) 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 100 kA • at AC at 600 V rated value 100 kA • at AC at 600 V rated value 100 kA • at AC at 900 V rated value 100 kA • at AC 0 V rated value 100 kA • at AD V rated value 100 kA • at 400 V rated value 100 kA • at 600 V rated value 5 A • at 400 V rated		0.15 A
 ground fault detection phase failure detection yes phase failure detection yes trip class CLASS 10 design of the overload release thermal breaking capacity maximum short-circuit current (Icu) at AC at 240 V rated value 100 kA at AC at 500 V rated value 100 kA at AC at 600 V rated value 100 kA at AC at 600 V rated value 100 kA at AC at 600 V rated value 100 kA at AC at 600 V rated value 100 kA at AC at 600 V rated value 100 kA at 420 V rated value 100 kA at 500 V rated value 100 kA at 600 V rated value 4 kA 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 5 A at 400 V rated value 100 rated value 100 rate value 100 rate value 100 rate value 100 rate value <l< td=""><td></td><td></td></l<>		
• phase failure detectionYestrip classCLASS 10design of the overload releasethermalbreaking capacity maximum short-circuit current (Icu)• at AC at 24 V rated value100 kA• at AC at 400 V rated value100 kA• at AC at 500 V rated value00 kA• at AC at 500 V rated value6 kAbreaking capacity operating short-circuit current (Ics)at AC• at AC at 500 V rated value100 kA• at AC of 500 V rated value100 kA• at 420 V rated value100 kA• at 630 V rated value100 kA• at 630 V rated value100 kA• at 640 V rated value5 Aresponse value current of instantaneous short-circuit trip104 Aundt104 Aundt101/120 V rated value• at 640 V rated value5 A• at 640 V rated value5 A• at 600 V rated value5 A• at 200/208 V rated value0.17 hp- at 200/208 V rated value1 hp- at 200/208 V rated value1 hp- at 200/208 V rated value3 hp- at 440448 V rated value3 hp- at 200/208 V rated value3 hp- at 440448 V rated value3 hp- at 200/208 V rated value3 hp <td< td=""><td>•</td><td></td></td<>	•	
trip class CLASS 10 design of the overload release thermal breaking capacity maximum short-circuit current (Icu) 00 KA • at AC at 240 V rated value 100 kA • at AC at 500 V rated value 100 kA • at AC at 600 V rated value 6 kA breaking capacity operating short-circuit current (Ics) at AC • at 240 V rated value 100 kA • at 600 V rated value 100 kA • at 600 V rated value 100 kA • at 600 V rated value 5 A • at 600 V rated value 5 A • at 600 V rated value 5 A • at 200 V rated value 5 A • at 200 V rated value 0.17 hp - at 200/208 V rated value 0.5 hp • for 3-phase AC motor - - at 200/208 V rated value 1 hp - at 200/208 V rated value 3 hp	-	
design of the overload release thermal breaking capacity maximum short-circuit current (Icu) 100 kA • at AC at 240 V rated value 100 kA • at AC at 500 V rated value 100 kA • at AC at 690 V rated value 6 kA breaking capacity operating short-circuit current (Ics) 6 kA • at 400 V rated value 100 kA • at 600 V rated value 100 kA • at 600 V rated value 4 kA response value current of instantaneous short-circuit trip 104 A unit 104 A UL/CSA ratings 5 A full-load current (FLA) for 3-phase AC motor 6 • at 480 V rated value 5 A • at 600 V rated value 5 A • at 400 V rated value 5 A • at 200/208 V rated value 0.5 hp • for 3-phase AC motor		
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• at AC at 240 V rated value 100 kA • at AC at 400 V rated value 100 kA • at AC at 500 V rated value 100 kA • at AC at 690 V rated value 6 kA breaking capacity operating short-circuit current (Ics) at AC 6 kA • at 240 V rated value 100 kA • at 240 V rated value 100 kA • at 400 V rated value 100 kA • at 400 V rated value 100 kA • at 690 V rated value 5 A • at 600 V rated value 5 A • at 800 V rated value 0.17 hp - at 200/208 V rated value 0.5 hp • for 3-phase AC motor 1 hp - at 200/208 V rated value 1 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp <t< td=""><td>-</td><td>thermal</td></t<>	-	thermal
• at AC at 400 V rated value 100 kA • at AC at 500 V rated value 100 kA • at AC at 690 V rated value 6 kA breaking capacity operating short-circuit current (Ics) at AC 100 kA • at 240 V rated value 100 kA • at 400 V rated value 100 kA • at 400 V rated value 100 kA • at 400 V rated value 100 kA • at 500 V rated value 100 kA • at 690 V rated value 100 kA • at 600 V rated value 4 kA response value current of instantaneous short-circuit trip unit 104 A UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 600 V rated value 5 A • at 600 V rated value 5 A • at 110/120 V rated value 0.17 hp - at 200/208 V rated value 0.5 hp • for 3-phase AC motor - - at 200/208 V rated value 1 hp - at 200/208 V rated value 1 hp - at 200/208 V rated value 3 hp - at 60/400 V rated value 3 hp - at 575/600 V rated		
• at AC at 500 V rated value100 kA• at AC at 690 V rated value6 kAbreaking capacity operating short-circuit current (Ics) at AC100 kA• at 240 V rated value100 kA• at 400 V rated value100 kA• at 600 V rated value4 kAresponse value current of instantaneous short-circuit trip104 Aunit100 kAUL/CSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value5 A• at 600 V rated value5 A• at 600 V rated value5 A• at 10/120 V rated value0.17 hp• at 230 V rated value0.5 hp• for 3-phase AC motor at 200/208 V rated value1 hp- at 200/208 V rated value1 hp- at 200/208 V rated value3 hp- at 60/480 V rated value <t< td=""><td></td><td></td></t<>		
• at AC at 690 V rated value6 kAbreaking capacity operating short-circuit current (Ics) at AC100 kA• at 240 V rated value100 kA• at 400 V rated value100 kA• at 500 V rated value100 kA• at 690 V rated value100 kA• at 690 V rated value4 kAresponse value current of instantaneous short-circuit trip104 Atull-load current (FLA) for 3-phase AC motor5 A• at 480 V rated value5 A• at 680 V rated value5 A• at 680 V rated value5 A• for single-phase AC motor at 110/120 V rated value0.17 hp- at 110/120 V rated value0.5 hp• for 3-phase AC motor at 220/230 V rated value0.17 hp- at 220/230 V rated value1 hp- at 220/230 V rated value3 hp- at 60/480 V rated value3 hp <td></td> <td></td>		
breaking capacity operating short-circuit current (Ics) at AC100 kA• at 240 V rated value100 kA• at 400 V rated value100 kA• at 500 V rated value100 kA• at 690 V rated value4 kAresponse value current of instantaneous short-circuit trip104 AUICSA ratingsIUI/CSA rated value• at 480 V rated value5 A• at 480 V rated value5 A• at 600 V rated value5 A• at 600 V rated value0.17 hp- at 110/120 V rated value0.5 hp• for single-phase AC motor- at 220/230 V rated value0.17 hp- at 220/230 V rated value0.5 hp• for 3-phase AC motor- at 220/230 V rated value1 hp- at 220/230 V rated value3 hp- at 60/480 V rated value3 hp <td></td> <td></td>		
at AC100 kA• at 240 V rated value100 kA• at 400 V rated value100 kA• at 500 V rated value100 kA• at 690 V rated value4 kAresponse value current of instantaneous short-circuit trip104 AunitunitUL/CSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value5 A• at 600 V rated value5 A• at 600 V rated value5 A• at 600 V rated value5 A• for single-phase AC motor at 110/120 V rated value0.17 hp- at 230 V rated value0.5 hp• for 3-phase AC motor at 200/208 V rated value1 hp- at 200/208 V rated value1 hp- at 200/208 V rated value3 hp- at 600480 V rated value3 hp- at 575/600 V rated value3 hp- at 675/600 V rated value <t< td=""><td></td><td>0 KA</td></t<>		0 KA
• at 400 V rated value100 kA• at 500 V rated value100 kA• at 690 V rated value4 kAresponse value current of instantaneous short-circuit trip unit104 AUL/CSA ratingsUL/CSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value5 A• at 480 V rated value5 A• at 600 V rated value5 A• at 600 V rated value0.17 hp- at 110/120 V rated value0.5 hp• for 3-phase AC motor at 220/230 V rated value1 hp- at 220/230 V rated value1 hp- at 450/480 V rated value3 hp- at 575/600 V ratee value3 hp- at 575/600 V ratee value		
• at 500 V rated value100 kA• at 690 V rated value4 kAresponse value current of instantaneous short-circuit trip unit104 AUL/CSA ratingsUL/CSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value5 A• at 480 V rated value5 A• at 600 V rated value5 A• at 600 V rated value5 A• jelded mechanical performance [hp]• for single-phase AC motor- at 110/120 V rated value0.17 hp- at 230 V rated value0.5 hp• for 3-phase AC motor- at 200/208 V rated value1 hp- at 220/230 V rated value1 hp- at 460/480 V rated value3 hp- at 65/5600 V rated value3 hp- at 575/600 V rated value3 hpcontact rating of auxiliary contacts according to ULC300 / R300Short-circuit protectionproduct function short circuit protectionYesmagnetic101	at 240 V rated value	100 kA
• at 690 V rated value 4 kA response value current of instantaneous short-circuit trip unit 104 A UL/CSA ratings 104 A full-load current (FLA) for 3-phase AC motor 5 A • at 480 V rated value 5 A • at 600 V rated value 5 A • at 600 V rated value 0.17 hp - at 110/120 V rated value 0.17 hp - at 200/208 V rated value 0.5 hp • for 3-phase AC motor - - at 200/208 V rated value 1 hp - at 200/208 V rated value 1 hp - at 460/480 V rated value 3 hp - at 575/600 V rated value 3 hp contact rating of auxiliary contacts according to UL C300 / R300 Short-circuit protection Yes magnetic Yes	• at 400 V rated value	100 kA
response value current of instantaneous short-circuit trip unit 104 A UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 5 A at 600 V rated value 5 A of or single-phase AC motor at 110/120 V rated value 0.17 hp at 230 V rated value 0.5 hp for 3-phase AC motor at 200/208 V rated value 0.5 hp of or single-phase AC motor at 200/208 V rated value 1 hp at 220/230 V rated value 1 hp at 460/480 V rated value 3 hp contact rating of auxiliary contacts according to UL C300 / R300 Short-circuit protection Yes magnetic 	• at 500 V rated value	100 kA
response value current of instantaneous short-circuit trip unit 104 A UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 5 A at 600 V rated value 5 A of or single-phase AC motor at 110/120 V rated value 0.17 hp at 230 V rated value 0.5 hp for 3-phase AC motor at 200/208 V rated value 0.5 hp of or single-phase AC motor at 200/208 V rated value 1 hp at 220/230 V rated value 1 hp at 460/480 V rated value 3 hp contact rating of auxiliary contacts according to UL C300 / R300 Short-circuit protection Yes magnetic 		
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 0.17 hp at 230 V rated value 0.5 hp for 3-phase AC motor at 200/208 V rated value 1 hp at 220/230 V rated value 1 hp at 460/480 V rated value 3 hp contact rating of auxiliary contacts according to UL C300 / R300 Short-circuit protection Yes		
full-load current (FLA) for 3-phase AC motor 5 A • at 480 V rated value 5 A • at 600 V rated value 5 A • at 600 V rated value 5 A yielded mechanical performance [hp] 6 • for single-phase AC motor 0.17 hp - at 110/120 V rated value 0.5 hp • for 3-phase AC motor - - at 200/208 V rated value 1 hp - at 200/208 V rated value 1 hp - at 220/230 V rated value 3 hp - at 460/480 V rated value 3 hp - at 575/600 V rated value 3 hp contact rating of auxiliary contacts according to UL C300 / R300 Short-circuit protection Yes product function short circuit protection Yes design of the short-circuit trip magnetic		
• at 480 V rated value5 A• at 600 V rated value5 A• yielded mechanical performance [hp]5 A• for single-phase AC motor0.17 hp- at 110/120 V rated value0.17 hp- at 230 V rated value0.5 hp• for 3-phase AC motor at 200/208 V rated value1 hp- at 220/230 V rated value3 hp- at 460/480 V rated value3 hp- at 460/480 V rated value3 hpcontact rating of auxiliary contacts according to ULC300 / R300Short-circuit protectionproduct function short circuit protectionYesdesign of the short-circuit tripmagnetic	UL/CSA ratings	
• at 600 V rated value5 Ayielded mechanical performance [hp]5 A• for single-phase AC motor0.17 hp- at 110/120 V rated value0.17 hp- at 230 V rated value0.5 hp• for 3-phase AC motor1 hp- at 200/208 V rated value1 hp- at 220/230 V rated value3 hp- at 460/480 V rated value3 hp- at 575/600 V rated value3 hpcontact rating of auxiliary contacts according to ULC300 / R300Short-circuit protectionproduct function short circuit protectionYesdesign of the short-circuit tripmagnetic	full-load current (FLA) for 3-phase AC motor	
yielded mechanical performance [hp]	 at 480 V rated value 	5 A
 for single-phase AC motor at 110/120 V rated value at 230 V rated value b for 3-phase AC motor at 200/208 V rated value b for 3-phase AC motor at 220/230 V rated value b hp at 220/230 V rated value b hp at 460/480 V rated value contact rating of auxiliary contacts according to UL C300 / R300 Short-circuit protection Yes design of the short-circuit trip magnetic 	 at 600 V rated value 	5 A
at 110/120 V rated value0.17 hp at 230 V rated value0.5 hp• for 3-phase AC motor at 200/208 V rated value1 hp at 220/230 V rated value1 hp at 460/480 V rated value3 hp at 575/600 V rated value3 hpcontact rating of auxiliary contacts according to ULC300 / R300Short-circuit protectionproduct function short circuit protectionYesdesign of the short-circuit tripmagnetic	yielded mechanical performance [hp]	
at 230 V rated value0.5 hp• for 3-phase AC motor at 200/208 V rated value1 hp at 220/230 V rated value1 hp at 460/480 V rated value3 hp at 460/480 V rated value3 hp at 575/600 V rated value3 hpcontact rating of auxiliary contacts according to ULC300 / R300Short-circuit protectionproduct function short circuit protectionYesdesign of the short-circuit tripmagnetic	 for single-phase AC motor 	
 for 3-phase AC motor at 200/208 V rated value bp at 220/230 V rated value bp at 460/480 V rated value bp at 460/480 V rated value bp bp bp bp bp bp bp contact rating of auxiliary contacts according to UL bp contact function short circuit protection bp Yes bp design of the short-circuit trip magnetic 	— at 110/120 V rated value	
- at 200/208 V rated value1 hp- at 220/230 V rated value1 hp- at 460/480 V rated value3 hp- at 575/600 V rated value3 hpcontact rating of auxiliary contacts according to ULC300 / R300Short-circuit protectionproduct function short circuit protectionYesdesign of the short-circuit tripmagnetic		0.5 hp
at 220/230 V rated value1 hp at 460/480 V rated value3 hp at 575/600 V rated value3 hpcontact rating of auxiliary contacts according to ULC300 / R300Short-circuit protectionproduct function short circuit protectionYesdesign of the short-circuit tripmagnetic	•	
— at 460/480 V rated value3 hp— at 575/600 V rated value3 hpcontact rating of auxiliary contacts according to ULC300 / R300Short-circuit protectionYesproduct function short circuit protectionYesdesign of the short-circuit tripmagnetic		
— at 575/600 V rated value 3 hp contact rating of auxiliary contacts according to UL C300 / R300 Short-circuit protection Yes product function short circuit protection Yes design of the short-circuit trip magnetic		
contact rating of auxiliary contacts according to UL C300 / R300 Short-circuit protection Yes product function short circuit protection Yes design of the short-circuit trip magnetic		
Short-circuit protection Yes product function short circuit protection Yes design of the short-circuit trip magnetic		
product function short circuit protection Yes design of the short-circuit trip magnetic		C300 / R300
design of the short-circuit trip magnetic	Short-circuit protection	
design of the fuse link	-	magnetic
	design of the fuse link	

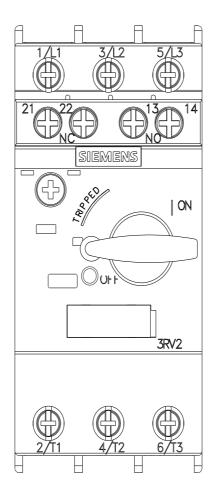
• for short-circuit protection of the auxiliary switch	Fuse gL/gG: 10 A, miniature circuit breaker C 6 A (short-circuit current				
required design of the fuse link for IT network for short-circuit	Ik < 400 A)				
<pre>protection of the main circuit • at 400 V</pre>					
• at 500 V	gL/gG 32 A gL/gG 32 A				
• at 690 V	gL/gG 25 A				
Installation/ mounting/ dimensions					
mounting position	any				
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715				
height	97 mm				
width	45 mm				
depth	97 mm				
 required spacing with side-by-side mounting at the side 	0 mm				
 for grounded parts at 400 V 	0 mm				
— 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 — at the side	30 mm 9 mm				
 for live parts at 500 V 	9 11111				
— 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					
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	Top and bottom				
circuit					
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 (0.7 5 2,5 mm ²), 2x (0.75 2.5 mm ²)				
at AWG cables for main contacts	2x (18 14), 2x 12				
type of connectable conductor cross-sections					
 for auxiliary contacts 					
— 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 mm ²), 2x (0.75 2.5 mm ²)				
 at AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14)				
tightening torque					
for main 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	Diameter 5 to 6 mm				

 for main contact 	I of the connection so	crew	M3	driv size 2			
-	and control contacts		M3				
Safety related data B10 value							
	nd rate according to S rous failures	N 31920	5 000)			
	nd rate according to SN nd rate according to S		50 % 50 %				
 with low deman T1 value for proof tes 	nd rate according to SN it interval or service life		50 FI 10 y	Т			
IEC 61508 protection class IP o 60529	on the front accordin	g to IEC	IP20				
touch protection on display version for sw	the front according t	to IEC 60529	finger-safe, for vertical contact from the front Handle				
Certificates/ approval	-		. idiit				
General Product Ap							
		<u>Confirmatio</u>	<u>nc</u>	(U) u	<u>KC</u>	EHC	
Declaration of Conf	formity	Test Certifica	ates		Marine / Shipping		
CE EG-Konf.	UK CA	<u>Special Test C</u> <u>ate</u>	<u>ertific-</u>	<u>Type Test Certific-</u> ates/Test Report	ABS		
Marine / Shipping						other	
	Lloyds Register us	PRS		RINA	RMRS	Confirmation	
other	Railway						
UDE VDE	Confirmation	Vibration and S	<u>Shock</u>				
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=3RV2411-1FA15 Cax online generator							
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2411-1FA15 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-1FA15 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2411-1FA15⟨=en Characteristic: Tripping characteristics, I ² t, Let-through current							
https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-1FA15/char							

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2411-1FA15&objecttype=14&gridview=view1



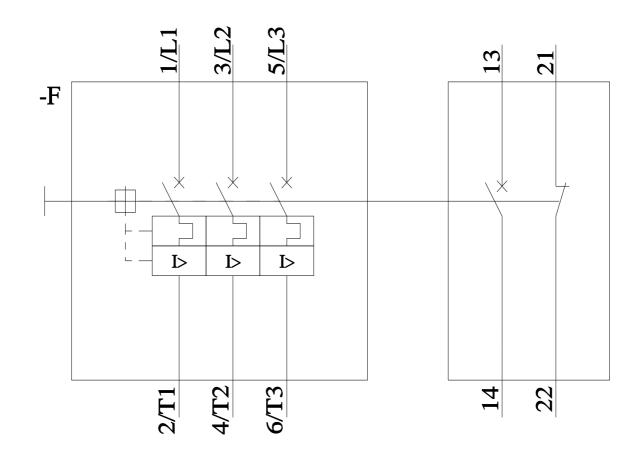




3RV24111FA15 Page 5/6

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