## SIEMENS

## Data sheet

## 3RV2411-0JA10



Circuit breaker size S00 for transformer protection A-release 0.7...1 A N-release 21 A screw terminal Standard switching capacity

<u>605</u>			
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			
<ul> <li>at AC in hot operating state</li> </ul>	7.25 W		
<ul> <li>at AC in hot operating state per pole</li> </ul>	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 (operating cycles)			
<ul> <li>of the main contacts typical</li> </ul>	100 000		
<ul> <li>of auxiliary contacts typical</li> </ul>	100 000		
electrical endurance (operating cycles) typical	100 000		
reference code according to IEC 81346-2	Q		
Substance Prohibitance (Date)	10/01/2009		
SVHC substance name	Lead - 7439-92-1		
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	0.7 1 A		
operating voltage			
rated value	20 690 V		
<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V		
• at AC-3e rated value maximum	690 V		
operating frequency rated value	50 60 Hz		

operational current rated value1 A• at AC-S at 40V rated value2 AW• at AC-S at 40V rated value0.3 W• at 400V rated value0.4 W• at 400V rated value10.4 M• at 400V rated value10.4 M• at 400V rated value0.4 W• at 400V rated value0.4 W• at 400V rated value10.4 M• at 400V rated valu		
• # AC 3 at 400 V radie Value1 A• # AC 3 at 500 V radie Value1 A• # AC 302 KW• # AC 30 V radie Value0 2 KW• # AC 300 V radie Value0 4 KW• # AC 30 radie Value100 KA• # AC 30 radi	operational current rated value	1 A
• # AC3 en at 00 Y rater valuéI Aeperating porer-• # AC3 V rater value # 1250 V rater value0.5 kW- # 1350 V rater value0.6 kW- # 1350 V rater value0.6 kW- # 1350 V rater value0.5 kW- # 1360 V rater value0.5 kW- # 1460 S rater value0.5 kW- worder value value0.5 kW- # 1460 S rater value0.5 kW- # 1460 S rater value0.5 kW- # 1460 V	operational current	
operating prover • at AC3Set Not Set Set Set Set Set Set Set Set Set Se	<ul> <li>at AC-3 at 400 V rated value</li> </ul>	1 A
• # AC3 • all 400 Vraide value• We- all 400 Vraide value0.3 kW- all 400 Vraide value0.4 kW- all 400 Vraide value0.4 kW- all 400 Vraide value0.2 kW- all 400 Vraide value0.2 kW- all 400 Vraide value0.2 kW- all 400 Vraide value0.3 kW- all 400 Vraide value0.4 kW- all 400 Vraide value0.1 km- all 400 Vraide value100 kA- all 400 Vraide value100 kA <trr>- all 400 Vraide value100 kA<!--</td--><td><ul> <li>at AC-3e at 400 V rated value</li> </ul></td><td>1 A</td></trr>	<ul> <li>at AC-3e at 400 V rated value</li> </ul>	1 A
- ml 230 Vraide value0.2 kW- ml 260 Vraide value0.3 kW- ml 260 Vraide value0.6 kW- ml 260 Vraide value0.2 kW- ml 260 Vraide value0.2 kW- ml 260 Vraide value0.2 kW- ml 260 Vraide value0.4 kW- ml 260 Vraide value0.4 kW- ml 260 Vraide value0.6 kW- momber of NC contacts for auxiliary contacts0- mumber of NC contacts for auxiliary contacts0- spound full distectionNo- spound full distectionNo- spound full distectionNo- spound full distection100 kA- at AC 210 V rade value100 kA- at AC 2100 V rade value100 kA	operating power	
	• at AC-3	
	— at 230 V rated value	0.2 kW
	— at 400 V rated value	0.3 kW
• al AC-3e· al 230 V rated value0.2 kW al 250 V rated value0.3 kW al 550 V rated value0.4 kW al 550 V rated value0.4 kW al 550 V rated value0.4 kW al 560 V rated value0.5 kMoperating frequency	— at 500 V rated value	0.4 kW
	— at 690 V rated value	0.6 kW
- at 800 V rated value0 8 kW- at 800 V rated value0 4 kW- at 800 V rated value0 4 kWoperating frequency15 1/h- at 8.0-3 maximum15 1/h- at 8.0-3 maximum0number of NC contacts for auxiliary contacts0number of NC contacts for auxiliary contacts0- ground fait detectionNo- ground fait detectionVes- ground fait detection100 kA- sit AG : 240 V ried value100 kA- sit AG : 250 V ried value100 kA- sit AG : 250 V ried value100 kA <tr< td=""><td>• at AC-3e</td><td></td></tr<>	• at AC-3e	
	— at 230 V rated value	0.2 kW
operating frequency• • (A C-3 maximum15 l/h• • (A C-3 maximum)15 l/hAnallacy circuit0number of NC contacts for auxiliary contacts0number of NC contacts for auxiliary contacts0number of NC contacts for auxiliary contacts0Product functionVes• origonal fault detectionVes• or		
• at AC-3 maximum15 1/h• at AC-3e maximum15 1/h• At AC-3e maximum15 1/h• At AC-3e maximum15 1/h• At AC-3e maximum0• number of NC contacts for auxiliary contacts0• number of NC contacts for auxiliary contacts0• ortund fault detection0• ortund fault detectionNo• ortund fault detectionVes• ortund fault detectionVes• ortund fault detection100 KA• at AC at 240 V rated value100 KA• at AC at 250 V rated value100 KA• at AC at 450 V rated value100 KA• at 650 V rated value100 KA		0.0 KW
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Auxiliary circuit         0           number of NC contacts for auxiliary contacts         0           routedive and monitoring functions         0           Product function         No           • ground fault detection         Ves           • trip class         CLASS 10           design of the overload release         thermal           maximum short-circuit current breaking capacity (lcu)         100 kA           • it AC at 240 V rated value         100 kA           • it AC at 550 V rated value         100 kA           • at AC at 550 V rated value         100 kA           • at AC at 550 V rated value         100 kA           • at AC at 550 V rated value         100 kA           • at 600 V rated value         1 A		
number of NC contacts for auxiliary contacts         0           number of NO contacts for auxiliary contacts         0           number of NO contacts for auxiliary contacts         0           Protective and monitoring functions         0           product function         Ves           • ground finall detection         Yes           • product function         Ves           • product duration         Ves           maximum short-circuit current breaking capacity (lcu)         • 14 AC at 240 V rated value           • 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 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 600 V rated value         1A           • at 600 V rated value         1A           • at 600 V rated value         1A           •		
number of NO contacts for auxiliary contacts         0           number of CO contacts for auxiliary contacts         0           robust of controlong functions         Ves           product function         Yes           eign of auxiliary contacts for auxiliary contacts         Ves           or ground fault detection         Yes           eign of the overload release         thermal           maximum short-circuit current breaking capacity (teu)         Hermal           eit AC at 240 V rated value         100 kA           eit AC at 500 V rated value         100 kA           eit AC at 500 V rated value         100 kA           eit AC at 500 V rated value         100 kA           eit AC at 400 V rated value         100 kA           eit AC vated value         1 A           eit ASO Vrated value         1		0
number of CO contacts for auxiliary contacts         0           Protective and monitoring functions            product function         No           • ground fault detection         No           • hase failure detection         CLASS 10           design of the overload release         thermal           maximu short-circuit current breaking capacity (Icu)            • al A C at 200 V rated value         100 kA           • al A C at 500 V rated value         100 kA           • al A C at 500 V rated value         100 kA           • al A C at 500 V rated value         100 kA           • al A C at 500 V rated value         100 kA           • al A C at 500 V rated value         100 kA           • al 4 X0 v rated value         100 kA           • at 300 V rated value         100 kA           • at 500 V rated value         1 A           • at 500 V rated value		
Protective and monitoring functions           product function           • ground fault detection           • phase failure detection           Ves           CLASS 10           design of the overload release           maximum short-circuit current breaking capacity (Icu)           • at AC at 240 V rated value           • at AC at 500 V rated value           • at AC at 600 V rated value           • at AC at 600 V rated value           • at AC at 600 V rated value           • at AC at 900 V rated value           • at AC or 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 340 V rated value           • at 360 V rated value           • at 360 V rated value           • at 360 V rated value           • at 600 V rated value		
product function         No           • phase fulure detection         Yes           trip class         CLASS 10           trip class         CLASS 10           trip class         CLASS 10           maximum short-circuit current breaking capacity (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 690 V rated value         100 kA           • at AC at 690 V rated value         100 kA           • at AC at 690 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 600 V rated value         100 kA           • at 600 V rated value         1 A           • at 600 V rated value         0 S hp           Short-circuit protection         S hp           • brock-circui		U
• ground fault detectionNo• phase failure detectionYestrip classCLASS 10design of the overload releasethermalmaximum short-circuit current breaking capacity (Icu)•• at AC at 240 V rated value100 kA• at AC at 240 V rated value100 kA• at AC at 500 V rated value100 kA• at AC at 690 V rated value100 kA• at AC at 90V rated value100 kA• at 400 V rated value100 kA• at 400 V rated value100 kA• at 600 V rated value100 kA• at 630 V rated value10 kA• at 630 V rated value10 kA• at 630 V rated value1A• at 630 V rated value1A <td></td> <td></td>		
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trip class         CLASS 10           design of the overload release         thermal           maximum short-circuit current breaking capacity (cu)         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 690 V rated value         100 kA           • at AC at 690 V rated value         100 kA           • at AC at 690 V rated value         100 kA           • at 240 V rated value         100 kA           • at 240 V rated value         100 kA           • at 400 V rated value         100 kA           • at 600 V rated value         1 A           • at 600 V rated value         0.5 hp           • for 3-phase AC motor         magnetic           • at 600 V rated value         0.5 hp           • for 3-phase AC motor         gargetic           • at 600 V rated value         0.5	<ul> <li>ground fault detection</li> </ul>	No
design of the overload release         thermal           maximum short-circuit current breaking capacity (Icu)	<ul> <li>phase failure detection</li> </ul>	Yes
maximum short-circuit current breaking capacity (Icu)         it AC at 240 V rated value         100 kA           • at AC at 240 V rated value         100 kA         100 kA           • at AC at 500 V rated value         100 kA           • at AC at 500 V rated value         100 kA           • at AC at 690 V rated value         100 kA           • at AC at 690 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 400 V rated value         100 kA           • at 600 V rated value         1 A           • at 400 V rated value         1 A           • at 400 V rated value         1 A           • at 600 V rated value         1 A           • at 600 V rated value         0.5 hp           • brot-circuit protection         Yes           • at 500 V cated value         0.5 hp           • brot-circuit protection         Yes           • at 600 V         gL/gG 10 A           • at 600 V         gL/gG 10 A           • at 600 V <td>trip class</td> <td>CLASS 10</td>	trip class	CLASS 10
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• at AC at 500 V rated value100 kA• at AC at 690 V rated value100 kA• at 240 V rated value100 kA• at 240 V rated value100 kA• at 400 V rated value100 kA• at 600 V rated value1 A• at 600 V rated value1 A• at 600 V rated value1 A• at 600 V rated value0.5 hp• at 600 V rated value0.5 hp• for 3-phase AC motor at 575/600 V rated value0.5 hp• at 600 V rated value100 kA• at 600 V rated value10.5 hp• at 600 V10.5 hp• at 600 V10.5 hp• at 600 V10.5 hp• at 600 V <td><ul> <li>at AC at 240 V rated value</li> </ul></td> <td>100 kA</td>	<ul> <li>at AC at 240 V rated value</li> </ul>	100 kA
• at AC at 690 V rated value100 kAoperating short-circuit current breaking capacity (ics) at AC100 kA• at 240 V rated value100 kA• at 400 V rated value100 kA• at 690 V rated value21 A• at 690 V rated value1 A• at 690 V rated value0.5 hp• at 690 V rated value0.5 hp• at 690 V rated value0.5 hp• at 690 V rated value1.5 hp• at 690 V rated value0.5 hp• at 690 V rated value1.5 hp• at 690 V rated value	<ul> <li>at AC at 400 V rated value</li> </ul>	100 kA
operating short-circuit current breaking capacity (tes) at AC100 kA• at 240 V rated value100 kA• at 400 V rated value100 kA• at 630 V rated value100 kA• at 630 V rated value100 kAresponse value current of instantaneous short-circuit trip unit21 AUL/CSA ratings1 Afull-load current (FLA) for 3-phase AC motor1 A• at 630 V rated value1 A• at 600 V rated value1 A• at 600 V rated value1 A• at 600 V rated value0.5 hpShort-circuit protectionVes• at 575/600 V rated value0.5 hpShort-circuit protectionYesdesign of the short-circuit tripmagneticdesign of the short-circuit tripgL/gG 10 A• at 630 VgL/gG 10 A• a	<ul> <li>at AC at 500 V rated value</li> </ul>	100 kA
• at 240 V rated value100 kA• at 400 V rated value100 kA• at 500 V rated value100 kA• at 600 V rated value100 kAresponse value current of instantaneous short-circuit trip unit21 AU//CSA ratingsJulioda current (FLA) for 3-phase AC motor• at 480 V rated value1 A• at 600 V rated value1 A• at 600 V rated value1 A• at 600 V rated value0.5 hpShort-circuit protectionYesgreduct function short circuit protectionYesdesign of the short-circuit tripmagneticdesign of the fuse link for IT network for short-circuit• at 500 VgL/gG 10 A• at 600 VgT/gG	<ul> <li>at AC at 690 V rated value</li> </ul>	100 kA
• at 400 V rated value100 kA• at 600 V rated value100 kAresponse value current of instantaneous short-circuit trip unit21 AULCSA ratings21 AULCSA ratings1• at 480 V rated value1 A• at 480 V rated value1 A• at 600 V rated value0.5 hp• at 600 V rated value0.5 hp• or 57/600 V rated value0.5 hp• or 57/600 V rated value9.6 hp• at 500 V rated value9.6 hp• at 600 V rated value0.5 hp• at 500 V rated value0.5 hp• at 600 V rated value9.6 hp• at 600 V rated value0.5 hp• at 600 V rated value9.6 hp• at 600 V9.1/26 10 A• at 600 V9.1/26 10 A<	operating short-circuit current breaking capacity (Ics) at AC	
• at 500 V rated value100 kA• at 690 V rated value100 kAresponse value current of instantaneous short-circuit trip unit21 AUL/CSA ratings21 AUL/CSA ratings1 A• at 480 V rated value1 A• at 600 V rated value1 A• at 600 V rated value1 A• at 600 V rated value0.5 hp• of 3-phase AC motor0.5 hp- at 575/600 V rated value0.5 hp• of the short-circuit protectionYesdesign of the short-circuit protection of the main circuitgL/GG 10 A• at 500 VgL/GG 10 A• at 600 V92 M and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715• at 600 V97 mm• width45 mm• at 600 V97 mm	• at 240 V rated value	100 kA
• at 690 V rated value100 kAresponse value current of instantaneous short-circuit trip unit21 AUL/CSA ratings21 Afull-load current (FLA) for 3-phase AC motor1 A• at 480 V rated value1 A• at 600 V rated value1 A• at 600 V rated value0.5 hpfull-demechanical performance [hp]0.5 hp• of 3-phase AC motor at 575/600 V rated value0.5 hpShort-circuit protectionproduct function short circuit protectionYesdesign of the short-circuit tripmagneticdesign of the fuse link for IT network for short-circuit protection of the main circuitgL/gG 10 A• at 690 VgL/gG 10 Ainstallation/ mounting/ dimensionsscrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715fastening method45 mmwidth45 mmdepth97 mm	• at 400 V rated value	100 kA
response value current of instantaneous short-circuit trip unit 21 A UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	• at 500 V rated value	100 kA
JUL/CSA ratings         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       1 A         • at 600 V rated value       1 A         • at 600 V rated value       1 A         • of 3-phase AC motor       -         - at 575/600 V rated value       0.5 hp         Short-circuit protection       Ves         design of the short-circuit trip       magnetic         design of the fuse link for IT network for short-circuit protection of the main circuit       gL/gG 10 A         • at 600 V       gL/gG 10 A <td>• at 690 V rated value</td> <td>100 kA</td>	• at 690 V rated value	100 kA
UL/CSA ratings         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       1 A         • at 600 V rated value       1 A         • at 600 V rated value       1 A         • at 600 V rated value       0.5 hp         Short-circuit protection       Ves         design of the short-circuit trip       magnetic         design of the fuse link for IT network for short-circuit protection of the main circuit       gL/gG 10 A         • at 600 V       gL/gG 10 A	response value current of instantaneous short-circuit trip unit	21 A
full-load current (FLA) for 3-phase AC motor     1 A       • at 480 V rated value     1 A       • at 600 V rated value     1 A       yielded mechanical performance [hp]     1 A       • for 3-phase AC motor     0.5 hp       — at 575/600 V rated value     0.5 hp       Short-circuit protection     Yes       design of the short-circuit trip     magnetic       design of the fuse link for IT network for short-circuit protection of the main circuit     yL/gG 10 A       • at 690 V     gL/gG 10 A       • at 690 V <td< td=""><td></td><td></td></td<>		
• at 480 V rated value1 A• at 600 V rated value1 Ayielded mechanical performance [hp]1 A• for 3-phase AC motor0.5 hp at 575/600 V rated value0.5 hpShort-circuit protectionYesdesign of the short-circuit tripmagneticdesign of the short-circuit tripmagnetic• at 500 VgL/gG 10 A• at 690 VgL/gG 10 A• at 69		
• at 600 V rated value1 Ayielded mechanical performance [hp]·• for 3-phase AC motor0.5 hp- at 575/600 V rated value0.5 hpShort-circuit protectionYesgesign of the short-circuit tripmagneticdesign of the fuse link for IT network for short-circuitgL/gG 10 A• at 500 VgL/gG 10 A• at 690 VgL/gG 10 A </td <td></td> <td>1A</td>		1A
yielded mechanical performance [hp]		
• for 3-phase AC motor0.5 hp at 575/600 V rated value0.5 hpShort-circuit protectionYesproduct function short circuit protectionYesdesign of the short-circuit tripmagneticdesign of the fuse link for IT network for short-circuit protection of the main circuitgL/gG 10 A• at 500 VgL/gG 10 A• at 690 VgL/gG 10 AInstallation/ mounting/ dimensionsanyfastening methodscrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715height97 mmwidth45 mmdepth97 mmrequired spacing97 mm		
at 575/600 V rated value0.5 hpShort-circuit protectionYesproduct function short circuit protectionmagneticdesign of the short-circuit tripmagneticdesign of the fuse link for IT network for short-circuit protection of the main circuitgL/gG 10 A• at 500 V • at 690 VgL/gG 10 AInstallation/ mounting/ dimensionsanyfastening methodanyfastening method97 mmwidth45 mmdepth97 mmfrequired spacing97 mm		
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       gL/gG 10 A         • at 500 V       gL/gG 10 A         • at 690 V       gL/gG 10 A         Installation/ mounting/ dimensions       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       97 mm         width       45 mm         depth       97 mm	-	0.5 hp
product function short circuit protectionYesdesign of the short-circuit tripmagneticdesign of the fuse link for IT network for short-circuit protection of the main circuitgL/gG 10 A• at 500 VgL/gG 10 A• at 690 VgL/gG 10 AInstallation/ mounting/ dimensionsanyfastening methodscrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715height97 mmwidth45 mmdepth97 mmrequired spacing97 mm		0.0 Hp
design of the short-circuit tripmagneticdesign of the fuse link for IT network for short-circuit protection of the main circuitgL/gG 10 A• at 500 VgL/gG 10 A• at 690 VgL/gG 10 Ainstallation/ mounting/ dimensionsanyfastening methodanyheight97 mmwidth45 mmdepth97 mmrequired spacing97 mm		Vac
design of the fuse link for IT network for short-circuit protection of the main circuit     gL/gG 10 A       • at 500 V     gL/gG 10 A       • at 690 V     gL/gG 10 A       Installation/ mounting/ dimensions     any       fastening method     screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715       height     97 mm       width     45 mm       depth     97 mm		
protection of the main circuit     G       at 500 V     gL/gG 10 A       at 690 V     gL/gG 10 A       Installation/ mounting/ dimensions     gL/gG 10 A       mounting position     any       fastening method     screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715       height     97 mm       width     45 mm       depth     97 mm		magneuc
• at 500 VgL/gG 10 A• at 690 VgL/gG 10 AInstallation/mounting/ dimensionsanyfastening methodanyfastening method97 mmwidth45 mmdepth97 mmfequired spacing97 mm		
• at 690 VgL/gG 10 AInstallation/ mounting/ dimensionsanymounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715height97 mmwidth45 mmdepth97 mmrequired spacing97 mm	-	al /aG 10 A
installation/ mounting/ dimensions       mounting position     any       fastening method     screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715       height     97 mm       width     45 mm       depth     97 mm       required spacing     97 mm		
mounting position     any       fastening method     screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715       height     97 mm       width     45 mm       depth     97 mm       required spacing     97 mm		
fastening method     screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715       height     97 mm       width     45 mm       depth     97 mm       required spacing     97 mm		201/
height     97 mm       width     45 mm       depth     97 mm       required spacing     97 mm		
width     45 mm       depth     97 mm       required spacing     97 mm		
depth     97 mm       required spacing     97 mm	-	
required spacing		
	-	97 mm
with side-by-side mounting at the side     0 mm		
	<ul> <li>with side-by-side mounting at the side</li> </ul>	0 mm

<ul> <li>for grounded parts at 400 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for live parts at 400 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for grounded parts at 500 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for live parts at 500 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for grounded parts at 690 V</li> </ul>	
— 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	
<ul> <li>for main current circuit</li> </ul>	screw-type terminals
arrangement of electrical connectors for main current circuit	Top and bottom
type of connectable conductor cross-sections	
<ul> <li>for main contacts</li> </ul>	
— solid or stranded	2x (0,75 2,5 mm²), 2x 4 mm²
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
<ul> <li>for AWG cables for main contacts</li> </ul>	2x (18 14), 2x 12
tightening torque	
<ul> <li>for main contacts with screw-type terminals</li> </ul>	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	
<ul> <li>for main contacts</li> </ul>	M3
Safety related data	
product function suitable for safety function	Yes
suitability for use	
<ul> <li>safety-related switching on</li> </ul>	No
<ul> <li>safety-related switching OFF</li> </ul>	Yes
service life maximum	10 a
test wear-related service life necessary	Yes
proportion of dangerous failures	
with low demand rate according to SN 31920	40 %
<ul> <li>with high demand rate according to SN 31920</li> </ul>	50 %
B10 value with high demand rate according to SN 31920	5 000
failure rate [FIT] with low demand rate according to SN	50 FIT
31920	
ISO 13849	
device type according to ISO 13849-1	3
overdimensioning according to ISO 13849-2 necessary	Yes
IEC 61508	

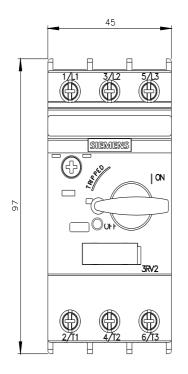
cafety device type as	cording to IEC 61509 2		Tupo	٨		
safety device type according to IEC 61508-2		Туре				
<ul> <li>for proof test interval or service life according to IEC 61508</li> </ul>		10 a				
Electrical Safety						
protection class IP or	n the front according to I	EC 60529	IP20			
touch protection on t	he front according to IEC	60529	finger	-safe, for vertical contact fr	om the front	
Display						
display version for swit	ching status		Handl	e		
Approvals Certificates			_			
General Product App	oroval					
CE EG-Konf.	UK CA		)	<u>Confirmation</u>		EHC
Test Certificates		Marine / Shipp	oing			
Type Test Certific- ates/Test Report	Special Test Certific- ate	ABS		B U R E A U VERITAS		Lloyd's Register us
Marine / Shipping		other				Railway
PRS	RINA	<u>Miscellaneo</u>	<u>us</u>	<u>Confirmation</u>	VDE	<u>Special Test Certific-</u> <u>ate</u>
Railway	Environment					
<u>Confirmation</u>	EPD	Siemens EcoTech		<u>Environmental Con-</u> <u>firmations</u>		
Further information						
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.sie Cax online generator	mens.com/mall/en/en/Cat					
Service&Support (Ma	nuals, Certificates, Char	acteristics, FAQ	s,)			

https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-0JA10

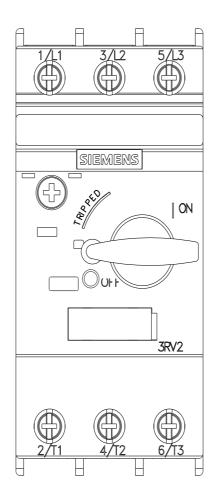
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RV2411-0JA10&lang=en

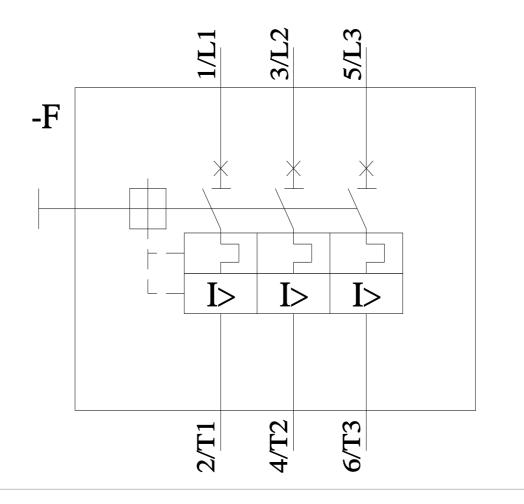
- Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current
- https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-0JA10/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2411-0JA10&objecttype=14&gridview=view1









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