## **SIEMENS**

Data sheet 3RV2411-0EA10



Circuit breaker size S00 for transformer protection A-release 0.28...0.4 A N-release 8.2 A screw terminal Standard switching capacity

SIRIUS product brand name product designation Circuit breaker design of the product For transformer protection product type designation 3RV2 General technical data S00 size of the circuit-breaker size of contactor can be combined company-specific S00, S0 product extension auxiliary switch Yes power loss [W] for rated value of the current • at AC in hot operating state 5.5 W 1.8 W • at AC in hot operating state per pole 690 V insulation voltage with degree of pollution 3 at AC rated 6 kV surge voltage resistance rated value shock resistance according to IEC 60068-2-27 25g / 11 ms mechanical service life (operating cycles) 100 000 • of the main contacts typical · of auxiliary contacts typical 100 000 electrical endurance (operating cycles) typical 100 000 reference code according to IEC 81346-2 C **Substance Prohibitance (Date)** 10/01/2009 **Ambient conditions** installation altitude at height above sea level maximum 2 000 m ambient temperature -20 ... +60 °C • during operation -50 ... +80 °C • during storage · during transport -50 ... +80 °C relative humidity during operation 10 ... 95 % Main circuit number of poles for main current circuit adjustable current response value current of the 0.28 ... 0.4 A current-dependent overload release operating voltage rated value 20 ... 690 V 690 V • at AC-3 rated value maximum 690 V • at AC-3e rated value maximum operating frequency rated value 50 ... 60 Hz operational current rated value 0.4 A operational current • at AC-3 at 400 V rated value 0.4 A at AC-3e at 400 V rated value 0.4 A operating power

- at AC-3	4400	
	• at AC-3	0.4111
		U.2 KVV
		0.4114
— al 800 V rated value — al 800 V rated value Operating frequency  • at AC-3e maximum • at AC at accordance for auxiliary contacts 0  **Tortical accordance for auxiliary contacts 0  **Protective and monitoring functions  **Protective and monitoring functions  **Product function • ground fault detection • grou		
al 800 V rated value operating frequency • at AC-3 maximum • at AC-3 maximum • at AC-3 maximum  Auxiliary circuit  number of NC contacts for auxiliary contacts number of CO contacts for auxiliary contacts product function • ground fault detection • ground fault detection • ground fault detection • ground fault detection • phase failure detection • yes easing of the overload release maximum short-circuit current breaking capacity (cu) • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at 400 V rated value • At 500 V rated valu		
e at AC-3 maximum 15 1/h 15 1/		
at AC-3 maximum at AC-3 maximum but at AC-3 maximum control to auxiliary contacts number of NC contacts for auxiliary contacts number of CO contacts for auxiliary contacts product function eground fault detection yes product function eyround fault detection yes class class 10 design of the overload release maximum short-circuit current breaking capacity (icu) at AC at 400 V rated value at AC at 400 V rated value at AC at 400 V rated value at AC at 500 V rated value at AC at 500 V rated value at AC at 500 V rated value at 400 V rated value at 600 V rated value		0.2 kW
auxillary circuit number of NC contacts for auxillary contacts  product function		4-40
Auxiliary circuit number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of CO contacts for auxiliary contacts protective and monitoring functions  protective and monitoring functions  product function  • ground fault detection Yes class  design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 4900 V rated value • at AC at 4900 V rated value • at AC at 590 V rated value • at AC at 590 V rated value • at 240 V rated value  • at 240 V rated value • at 240 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 500 V rated value • at 600 V rat		
number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of CO contacts for auxiliary contacts number of CO contacts for auxiliary contacts number of CO contacts for auxiliary contacts product function		15 1/n
number of NO contacts for auxiliary contacts 0 number of CO co	Auxiliary circuit	
number of CO contacts for auxiliary contacts  Protective and monitoring functions  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 240 V rated value  • at AC at 500 V rated value  • at AC at 500 V rated value  • at AC at 500 V rated value  • at 40 AC at 500 V rated value  • at 40 V rated value  • at 40 V rated value  • at 40 V rated value  • at 400 V rated value  • at 400 V rated value  • at 500 V rated value  • at 600 V rated value  • at 600 V rated value  • at 600 V rated value  • at 480 V rated value  • AT 4	number of NC contacts for auxiliary contacts	0
product function		0
product function	number of CO contacts for auxiliary contacts	0
e 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 500 V rated value to At AC at 500 V rated value at AC at 500 V rated value to AT 500 V rated va	Protective and monitoring functions	
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 4600 V rated value at AC at 560 V rated value bat AC at 4600 V rated value 100 kA 1	product function	
trip class design of the overload release maximum short-circuit current breaking capacity (Icu)  at AC at 2240 Y rated value at AC at 400 V rated value at AC at 590 V rated value 100 kA 100 kA 100 kA 21 AC at 590 V rated value at AC at 590 V rated value 100 kA 21 AC AC 3590 V rated value 31 AC AC 3590 V rated value 31 AC AC 31 AC 3590 V rated value 31 500 V rated value 32 A 34 AC 34 500 V rated value 35 AV Tated value 36 AV Tated value 37 AV Tated value 38 AV Tated value 39 AV Tated value 30 AV Tated value 40 AV Tated value 40 AV Tated value 50 AV Tated valu	<ul> <li>ground fault detection</li> </ul>	No
design of the overload release maximum short-circuit current breaking capacity (lcu)  a at AC at 240 V rated value  at AC at 400 V rated value  at AC at 550 V rated value  at AC at 550 V rated value  at AC at 550 V rated value  at 400 V rated value  at 400 V rated value  at 400 V rated value  at 550 V rated value  at 550 V rated value  at 550 V rated value  at 690 V rated value  40.4 A  Short-circuit protection  product function short circuit protection was at 690 V rated value  at 690 V rated value  30 A  50 mm  width  depth  acrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  beight  with side-by-side mounting at the side  for grounded parts at 400 V  — downwards  at the side  for live parts at 400 V  — downwards  a upwards  — upwards  — 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 grounded parts at 500 V  — downwards  — at the side  for grounded parts at 500 V  — downwards  — at the side  for grounded parts at 500 V  — downwards  — at the side  for grounded parts at 500 V  — downwards  30 mm  30 mm  40 mm  40 mm  50 mm  50 mm  50 mm  50 mm  60 m	<ul> <li>phase failure detection</li> </ul>	Yes
maximum short-circuit current breaking capacity (Icu)  • at AC at 240 V rated value  • at AC at 500 V rated value  • at 240 V rated value  • at 240 V rated value  • at 500 V rated value  • at 500 V rated value  • at 500 V rated value  • at 690 V rated value  • at 690 V rated value  • at 690 V rated value  • at 600 V rated value  • at	trip class	CLASS 10
at 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 500 V rated value 100 kA  perating short-circuit current breaking capacity (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 500 V rated value 100 kA  at 500 V rated value 100 kA  at 500 V rated value 100 kA  at 600 V rated value 20 kA  be at 600 V rated value 20 kA  at 600 V rated value 20 kA  be at	design of the overload release	thermal
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  operating short-circuit current breaking capacity (Ics) at AC at 240 V rated value 100 kA at 4AC at 400 V rated value 100 kA at 600 V rated value 100 kA  at 600 V rated value 0 to KA  at 600 V rated value 100 kA  easponse value current of instantaneous short-circuit trip unit  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor at 600 V rated value 0.4 A  Short-circuit protection  product function short circuit protection design of the short-circuit trip magnetic  Installation/ mounting/ dimensions  mounting position fastening method  for firm and firm at 400 V and and and shap-on mounting onto 35 mm DIN rail according to DIN EN 60715  height 97 mm  width depth 97 mm  required spacing  • with side-by-side mounting at the side • for grounded parts at 400 V — downwards 30 mm  - upwards - at the side • for live parts at 400 V — downwards 30 mm  - upwards - at the side • for grounded parts at 400 V — downwards 30 mm - at the side • for grounded parts at 400 V — downwards 30 mm - at the side • for grounded parts at 500 V — downwards 30 mm - at the side • for grounded parts at 500 V — downwards 30 mm - at the side • for grounded parts at 500 V — downwards 30 mm - at the side • for grounded parts at 500 V — downwards 30 mm - at the side • for grounded parts at 500 V - downwards 30 mm	maximum short-circuit current breaking capacity (lcu)	
at AC at 500 V rated value  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 690 V rated value  at 690 V rated value  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  at 890 V rated value  bull-load current (FLA) for 3-phase AC motor  at 890 V rated value  at	<ul> <li>at AC at 240 V rated value</li> </ul>	100 kA
at AC at 690 V rated value operating short-circuit current breaking capacity (Ics) at AC  at 240 V rated value 100 kA  at 400 V rated value 100 kA  at 500 V rated value 100 kA  at 500 V rated value 100 kA  at 690 V rated value 100 kA  at 500 V rated value 100 kA  8.2 A   ILLICSA ratings  full-load current (FLA) for 3-phase AC motor at 600 V rated value 0.4 A  Short-circuit protection  product function short circuit trip magnetic  Installation/ mounting/ dimensions  mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  helght yir magnetic  o mm feepth equired spacing  o with side-by-side mounting at the side for grounded parts at 400 V  — downwards — at the side o for grounded parts at 400 V  — downwards — at the side o for grounded parts at 500 V  — downwards — at the side o for grounded parts at 500 V  — downwards — at the side o for grounded parts at 500 V  — downwards — at the side o for grounded parts at 500 V  — downwards — at the side o for grounded parts at 500 V — downwards — at the side o for grounded parts at 500 V — downwards — at the side o for grounded parts at 500 V — downwards — at the side o for grounded parts at 500 V — downwards — at the side o for grounded parts at 500 V — downwards — at the side o for grounded parts at 500 V — downwards — at the side o for grounded parts at 500 V — downwards — downwards — at the side o for grounded parts at 500 V — downwards — downwards — downwards — of many first water at 500 V — downwards — downwards — of many first water at 500 V — downwards — downwards — of many first water at 500 V — downwards — downwards — of many first water at 500 V — downwards — of many first water at 500 V — downwards — of many first water at 500 V — downwards — of many first water at 500 V — downwards — of many first water at 500 V — downwards — of many first water at 500 V	<ul> <li>at AC at 400 V rated value</li> </ul>	100 kA
operating short-circuit current breaking capacity (Ics) at AC  • at 240 V rated value	<ul> <li>at AC at 500 V rated value</li> </ul>	100 kA
at AC  • 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 80 V rated value • at 80 V rated value • at 80 V rated value • at 690 V rated	<ul> <li>at AC at 690 V rated value</li> </ul>	100 kA
at 400 V rated value at 500 V rated value 100 kA at 690 V rated value 100 kA  to 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 0.4 A at 600 V rated value 0.4 A  Short-circuit protection  product function short circuit protection design of the short-circuit trip magnetic  Installation/mounting/dimensions  mounting position 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  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 - u		
at 500 V rated value at 690 V rated value response value current of instantaneous short-circuit trip unit  DL/CSA ratings  full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value be at 600 V rated value at 600 V rated value be at 600 V rated value  The statistion of the short-circuit protection calculated by a magnetic  Installation mounting dimensions  mounting position fastening method  for 150 rate value  at 70 mm width beight beigh	<ul> <li>at 240 V rated value</li> </ul>	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     at 600 V rated value     bat 600 V rated value     value  Short-circuit protection product function short circuit protection design of the short-circuit trip magnetic  Installation/ mounting/ dimensions  mounting position fastening method  screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height yor mm width depth yor 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 - at the side for grounded parts at 500 V - downwards - at the side for grounded parts at 500 V - downwards - at the side for grounded parts at 500 V - downwards - downwards - at the side for grounded parts at 500 V - downwards - downwards - at the side for grounded parts at 500 V - downwards - downwards - downwards - at the side for grounded parts at 500 V - downwards - downwards - downwards - downwards - downwards - downwards - at the side - for grounded parts at 500 V - downwards -	<ul> <li>at 400 V rated value</li> </ul>	100 kA
response value current of instantaneous short-circuit trip unit  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V rated value  0.4 A  Short-circuit protection  product function short circuit protection design of the short-circuit trip magnetic  Installation/ mounting/ dimensions  mounting position fastening method  60715  height vidth 45 mm depth 97 mm vidth depth 97 mm required spacing  • with side-by-side mounting at the side • for grounded parts at 400 V — downwards — 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 grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side	<ul> <li>at 500 V rated value</li> </ul>	100 kA
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V rated value • at 600 V rated value  product function short circuit protection design of the short-circuit trip magnetic  Installation/ mounting/ dimensions  mounting position fastening method  neight  width  depth  equired spacing  • with side-by-side mounting at the side • for grounded parts at 400 V  — downwards — at the side • for live parts at 400 V  — downwards — upwards — at the side • for grounded parts at 400 V  — downwards — upwards — at the side • for grounded parts at 400 V  — downwards — at the side • for live parts at 400 V  — downwards — upwards — at the side • for grounded parts at 400 V  — downwards — upwards — at the side • for grounded 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 grounded parts at 500 V — downwards  — at the side • for grounded parts at 500 V — downwards  • at the side • for grounded parts at 500 V — downwards  • downwards  • at the side • for grounded parts at 500 V — downwards  • downwards  • for grounded parts at 500 V — downwards  • downwards  • 30 mm	<ul> <li>at 690 V rated value</li> </ul>	100 kA
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V rated value 0.4 A  Short-circuit protection  product function short circuit protection design of the short-circuit trip magnetic  Installation/ mounting/ dimensions  mounting position 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  • with side-by-side mounting at the side • for grounded parts at 400 V  — downwards — at the side • for live 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 — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V	·	8.2 A
at 480 V rated value at 600 V rated value  Not-circuit protection  product function short circuit protection design of the short-circuit trip magnetic  Installation/ mounting/ dimensions  mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height yor mm width depth 97 mm vidth depth required spacing  with side-by-side mounting at the side for grounded parts at 400 V - downwards - at the side for grounded parts at 400 V - downwards - at the side for grounded parts at 400 V - downwards - at the side for grounded parts at 500 V - at the side for grounded parts at 500 V - downwards 30 mm - at the side for grounded parts at 500 V - downwards 30 mm - at the side 9 mm	UL/CSA ratings	
* at 600 V rated value    Short-circuit protection	full-load current (FLA) for 3-phase AC motor	
product function short circuit protection design of the short-circuit trip Installation/ mounting/ dimensions  mounting position fastening method  height width depth required spacing  • with side-by-side mounting at the side • for grounded parts at 400 V — downwards — at the side • for grounded parts at 400 V — downwards — upwards — upwards — upwards — upwards — 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 grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — 30 mm	<ul> <li>at 480 V rated value</li> </ul>	0.4 A
product function short circuit protection design of the short-circuit trip Installation/ mounting/ dimensions  mounting position fastening method  screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height yor mm width depth 97 mm required spacing  with side-by-side mounting at the side for grounded parts at 400 V  downwards at the side for live parts at 400 V  downwards  upwards upwards upwards 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 grounded parts at 500 V  downwards at the side for grounded parts at 500 V  downwards at mm at the side for grounded parts at 500 V  downwards at mm a	<ul> <li>at 600 V rated value</li> </ul>	0.4 A
Installation/ mounting/ dimensions  mounting position fastening method  height width depth required spacing  • with side-by-side mounting at the side • for grounded parts at 400 V — downwards — at the side • for live parts at 400 V — downwards — upwards — upwards — 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 grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards	Short-circuit protection	
Installation/ mounting/ dimensions  mounting position fastening method  height width depth required spacing  • with side-by-side mounting at the side • for grounded parts at 400 V — downwards — at the side • for live parts at 400 V — downwards — upwards — upwards — 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 grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards		Yes
Installation/ mounting/ dimensions  mounting position 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  • with side-by-side mounting at the side • for grounded parts at 400 V  — downwards — at the side • for live parts at 400 V  — downwards — upwards — upwards — upwards — upwards — at the side • for live 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  • for grounded parts at 500 V — downwards  30 mm		
mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width depth 97 mm vidth depth 97 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 — upwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards 30 mm  • for grounded parts at 500 V — downwards 30 mm		
screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  height 97 mm  vidth 45 mm  depth 97 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 — at the side • for live parts at 400 V  — downwards — upwards — upwards — upwards — upwards — of or live parts at 400 V  — downwards — upwards — upwards — upwards — of or grounded parts at 500 V — downwards  • for grounded parts at 500 V — downwards  • for grounded parts at 500 V — downwards  30 mm		any
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 — downwards 30 mm — upwards 30 mm — at the side 9 mm  • for live parts at 400 V — downwards 30 mm — at the side 9 mm  • for grounded parts at 400 V — downwards 30 mm — at the side 9 mm  • for grounded parts at 500 V — adownwards 30 mm — at the side 9 mm	- ·	•
width depth 97 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 — at the side • for grounded parts at 400 V  — downwards — upwards — upwards — upwards — upwards — upwards — upwards — of or grounded parts at 500 V — downwards  • for grounded parts at 500 V — downwards  30 mm	-	
depth 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 — upwards — at the side • for grounded parts at 500 V — downwards — at the side • for grounded parts at 500 V — downwards — downwards — at the side • for grounded parts at 500 V — downwards — downwards — downwards — 30 mm	height	97 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 — upwards — upwards — of the side 9 mm  • for grounded parts at 500 V — downwards • for grounded parts at 500 V — downwards 30 mm  30 mm  30 mm	width	45 mm
<ul> <li>with side-by-side mounting at the side</li> <li>for grounded parts at 400 V</li> <li>— downwards</li> <li>— upwards</li> <li>— at the side</li> <li>for live parts at 400 V</li> <li>— downwards</li> <li>— upwards</li> <li>— upwards</li> <li>— upwards</li> <li>— at the side</li> <li>9 mm</li> <li>for grounded parts at 500 V</li> <li>— downwards</li> <li>— at omm</li> <li>9 mm</li> </ul>	depth	97 mm
<ul> <li>for grounded parts at 400 V</li> <li>— downwards</li> <li>— upwards</li> <li>— at the side</li> <li>9 mm</li> <li>for live parts at 400 V</li> <li>— downwards</li> <li>— upwards</li> <li>— upwards</li> <li>— at the side</li> <li>9 mm</li> <li>for grounded parts at 500 V</li> <li>— downwards</li> <li>30 mm</li> <li>9 mm</li> <li>10 mm</li> &lt;</ul>		
— downwards       30 mm         — upwards       30 mm         — at the side       9 mm         ● for live parts at 400 V       30 mm         — downwards       30 mm         — at the side       9 mm         ● for grounded parts at 500 V       9 mm         — downwards       30 mm		0 mm
<ul> <li>— upwards         — at the side         9 mm</li></ul>		
<ul> <li>at the side</li> <li>for live parts at 400 V</li> <li>downwards</li> <li>upwards</li> <li>at the side</li> <li>for grounded parts at 500 V</li> <li>downwards</li> <li>30 mm</li> <li>9 mm</li> <li>30 mm</li> <li>30 mm</li> <li>30 mm</li> <li>30 mm</li> <li>30 mm</li> <li>9 mm</li> </ul>	— downwards	
<ul> <li>for live parts at 400 V</li> <li>— downwards</li> <li>— upwards</li> <li>— at the side</li> <li>for grounded parts at 500 V</li> <li>— downwards</li> <li>30 mm</li> <li>9 mm</li> <li>10 mm</li> <li>11 mm</li> <li>12 mm</li> <li>13 mm</li> <li>14 mm</li> <li>15 mm</li> <li>16 mm</li> <li>17 mm</li> <li>18 mm</li> <li>19 mm</li> <li>10 mm<td>,</td><td></td></li></ul>	,	
— downwards       30 mm         — upwards       30 mm         — at the side       9 mm         ● for grounded parts at 500 V       30 mm         — downwards       30 mm		9 mm
<ul> <li>— upwards</li> <li>— at the side</li> <li>9 mm</li> <li>• for grounded parts at 500 V</li> <li>— downwards</li> <li>30 mm</li> <li>30 mm</li> </ul>	•	
<ul> <li>— at the side</li> <li>9 mm</li> <li>for grounded parts at 500 V</li> <li>— downwards</li> <li>30 mm</li> </ul>		
<ul> <li>for grounded parts at 500 V</li> <li>— downwards</li> <li>30 mm</li> </ul>	•	
— downwards 30 mm		9 mm
— upwards 30 mm		
	— upwards	30 mm

— at the side 9 mm • for live parts at 500 V 30 mm - downwards upwards 30 mm 9 mm - at the side • for grounded parts at 690 V - downwards 50 mm 50 mm - upwards - backwards 0 mm - at the side 30 mm — forwards 0 mm • for live parts at 690 V 50 mm - downwards - upwards 50 mm - backwards 0 mm — at the side 30 mm — forwards 0 mm **Connections/ Terminals** type of electrical connection screw-type terminals • for main current circuit 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  $2x (0.5 \dots 1.5 \text{ mm}^2), 2x (0.75 \dots 2.5 \text{ mm}^2)$ - finely stranded with core end processing • at AWG cables for main contacts 2x (18 ... 14), 2x 12 tightening torque • for main contacts with screw-type terminals 0.8 ... 1.2 N·m design of screwdriver shaft Diameter 5 to 6 mm size of the screwdriver tip Pozidriv size 2 design of the thread of the connection screw М3 • for main contacts Safety related data B10 value • with high demand rate according to SN 31920 5 000 proportion of dangerous failures 50 % • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 50 % failure rate [FIT] 50 FIT • with low demand rate according to SN 31920 T1 value for proof test interval or service life according to 10 a protection class IP on the front according to IEC IP20 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front display version for switching status Handle Certificates/ approvals **Declaration of General Product Approval** Conformity Confirmation <u>KC</u>







Declaration of Conformity Test Certificates	Marine / Shipping
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Type Test Certificates/Test Report

Special Test Certificate







Marine / Shipping

other









Confirmation



## Railway

Vibration and Shock Confirmation

## **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.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2411-0EA10

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RV2411-0EA10}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-0EA10

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

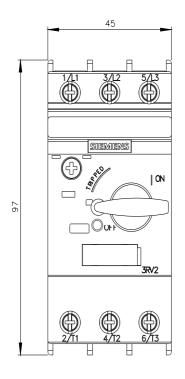
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RV2411-0EA10&lang=en

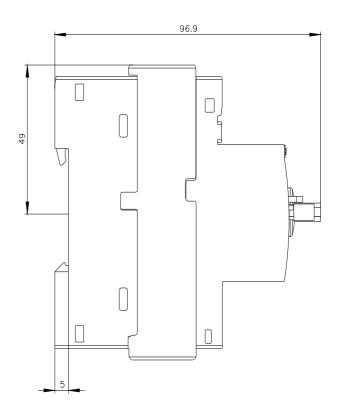
Characteristic: Tripping characteristics, I2t, Let-through current

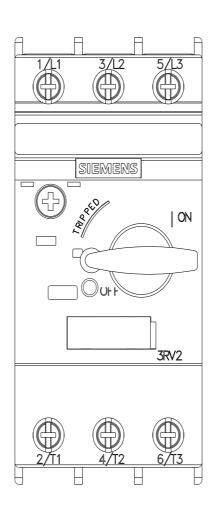
https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-0EA10/char

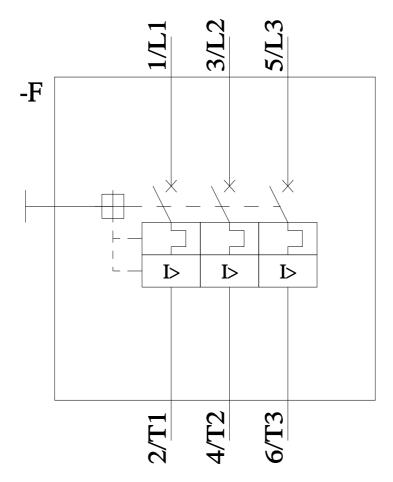
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2411-0EA10&objecttype=14&gridview=view1









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