## **SIEMENS**

Data sheet 3RV2411-0DA10



Circuit breaker size S00 for transformer protection A-release 0.22...0.32 A N-release 6.5 A screw terminal Standard switching capacity

product brand name	SIRIUS
product designation	Circuit breaker
design of the product	For transformer protection
product type designation	3RV2
General technical data	
size of the circuit-breaker	S00
size of contactor can be combined company-specific	S00, S0
product extension auxiliary switch	Yes
power loss [W] for rated value of the current	
<ul> <li>at AC in hot operating state</li> </ul>	5.5 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	1.8 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
Ambient conditions	
	2 000 m
Ambient conditions	2 000 m
Ambient conditions installation altitude at height above sea level maximum	-20 +60 °C
Ambient conditions installation altitude at height above sea level maximum ambient temperature	
Ambient conditions  installation altitude at height above sea level maximum ambient temperature  • during operation • during storage • during transport	-20 +60 °C
Ambient conditions  installation altitude at height above sea level maximum ambient temperature  • during operation • during storage	-20 +60 °C -50 +80 °C
Ambient conditions  installation altitude at height above sea level maximum ambient temperature  • during operation • during storage • during transport	-20 +60 °C -50 +80 °C -50 +80 °C
Ambient conditions  installation altitude at height above sea level maximum ambient temperature  • during operation • during storage • during transport relative humidity during operation	-20 +60 °C -50 +80 °C -50 +80 °C
installation altitude at height above sea level maximum ambient temperature  oldering operation during storage during transport relative humidity during operation  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release	-20 +60 °C -50 +80 °C -50 +80 °C 10 95 %
Ambient conditions  installation altitude at height above sea level maximum ambient temperature  • during operation • during storage • during transport relative humidity during operation  Main circuit  number of poles for main current circuit adjustable current response value current of the	-20 +60 °C -50 +80 °C -50 +80 °C 10 95 %
installation altitude at height above sea level maximum ambient temperature	-20 +60 °C -50 +80 °C -50 +80 °C 10 95 %
Ambient conditions  installation altitude at height above sea level maximum ambient temperature  • during operation • during storage • during transport relative humidity during operation  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage	-20 +60 °C -50 +80 °C -50 +80 °C 10 95 %  3 0.22 0.32 A  20 690 V 690 V
installation altitude at height above sea level maximum ambient temperature  • during operation • during storage • during transport relative humidity during operation  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum • at AC-3e rated value maximum	-20 +60 °C -50 +80 °C -50 +80 °C 10 95 %  3 0.22 0.32 A  20 690 V 690 V
installation altitude at height above sea level maximum ambient temperature  • during operation • during storage • during transport relative humidity during operation  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage  • rated value • at AC-3 rated value maximum • at AC-3e rated value maximum operating frequency rated value	-20 +60 °C -50 +80 °C -50 +80 °C 10 95 %  3 0.22 0.32 A  20 690 V 690 V 690 V 50 60 Hz
installation altitude at height above sea level maximum ambient temperature  • during operation • during storage • during transport relative humidity during operation  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage  • rated value • at AC-3 rated value maximum • at AC-3e rated value maximum operating frequency rated value operational current rated value	-20 +60 °C -50 +80 °C -50 +80 °C 10 95 %  3 0.22 0.32 A  20 690 V 690 V
installation altitude at height above sea level maximum ambient temperature  • during operation • during storage • during transport relative humidity during operation  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum • at AC-3e rated value maximum operating frequency rated value operational current rated value operational current	-20 +60 °C -50 +80 °C -50 +80 °C 10 95 %  3 0.22 0.32 A  20 690 V 690 V 690 V 50 60 Hz 0.32 A
installation altitude at height above sea level maximum ambient temperature  • during operation • during storage • during transport relative humidity during operation  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage  • rated value • at AC-3 rated value maximum • at AC-3e rated value maximum operating frequency rated value operational current rated value	-20 +60 °C -50 +80 °C -50 +80 °C 10 95 %  3 0.22 0.32 A  20 690 V 690 V 690 V 50 60 Hz

operating power

- at 4230 V rated value		
	• at AC-3	OLAM
a at AC-3e		
		U. I KVV
		01344
— 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 • 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 • or for grounded parts at 400 V • downwards • or grounded parts at 400 V • downwards • or grounded parts at 500 V • downwards • o		
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		U.1 KVV
auxillary circuit number of NC contacts for auxillary contacts  product function		45 4 lb
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  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 240 V rated value • at 400 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 ra		
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 1/11
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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 480 V rated value  • at 600 V rated value  • at 600 V rated value  • 3.32 A  Short-circuit protection  product function short circuit protection  design of the short-circuit trip  magnetic  Installation mounting of dimensions  mounting position  fastening method  • for grounded parts at 400 V  — downwards  • of many and a short of mounting at the side  • for grounded parts at 400 V  — downwards  • of many and a short of mounting at the side  • for grounded parts at 400 V  — downwards  • of many and a short of mounting at the side  • for grounded parts at 400 V  — downwards  • of many and a short of mounting at the side  • for grounded parts at 400 V  — downwards  • of many and a short of mounting at the side  • for grounded parts at 400 V  — downwards  • of many and a short of mounting at the side  • for grounded parts at 400 V  — downwards  • of many and a short of mounting at the side  • for ground		
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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 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 500 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 6.5 A  100 kA  at 400 V rated value 100 kA 6.5 A  100 kA  at 400 V rated value 100 kA 6.5 A  1		
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design of the overload release maximum short-circuit current breaking capacity (lcu)  at AC at 240 V rated value  at AC at 4500 V rated value  at AC at 5500 V rated value  100 kA  at AC at 5500 V rated value  100 kA  at AC at 5500 V rated value  100 kA  at AC at 5500 V rated value  100 kA  at 240 V rated value  100 kA  at 400 V rated value  100 kA  at 4500 V rated value  100 kA  at 5500 V rated value  100 kA  at 690 V rated value  20.32 A  3.5 A   **Tull-load current (FLA) for 3-phase AC motor  at 480 V rated value  20.32 A  **Short-circuit protection  product function short circuit protection design of the short-circuit trip  magnetic  **Installation/ mounting/ dimensions  mounting position fastening method  fastening method  45 mm  depth  27 mm  width 45 mm  depth  29 mm  at 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 30 mm  — upwards — upwards — upwards — at the side  for grounded parts at 500 V — downwards 30 mm  - 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		
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 600 V rated value  • at	•	
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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 response value current of instantaneous short-circuit trip unit  IUL/CSA ratings  full-load current (FLA) for 3-phase AC motor at 480 V rated value at 690 V rated value by Carted value at 690 V rated value by Carted value carted value by Carted value carted value carted value carted value carted value by Carted value carted		
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  be at 690 V rated value 100 kA  capacity (Ics) at 600 V rated value 100 kA  6.5 A     **LIVESA ratings**  full-load current (FLA) for 3-phase AC motor 1 at 480 V rated value 2 at 600 V rated value 2 at 600 V rated value 3 at 600 V rated value 2 at 600 V rated value 3 at 600 V rated value 4 at 600 V rated value 5 at 600 V rated value 6 at 600 V rated value 7 at 600 V rated value 8 at 600 V rated value 9 at 600		
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at AC  • at 240 V rated value • at 400 V rated value • at 500 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		100 kA
at 400 V rated value at 500 V rated value 100 kA at 690 V rated value 100 kA  cat 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 20.32 A at 690 V rated value 20.32 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 - at the side - for grounded parts at 500 V - downwards - downwar		
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 3.32 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 y7 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 grounded parts at 400 V  - downwards - upwards	<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     at 600 V rated value     solution 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 height     width 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     — downwards     — upwards     — upwards     — 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     30 mm     9 mm		
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  Droduct function short circuit protection  product function short circuit protection  product function short circuit trip magnetic  Installation/ mounting/ dimensions  mounting position fastening method  any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  height yof 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 me side • for grounded parts at 500 V — downwards  — at me side • for grounded parts at 500 V — downwards  — at me side • for grounded parts at 500 V — downwards  — at the side • for grounded parts at 500 V — downwards  — at me side • for grounded parts at 500 V — downwards — at me side • for grounded parts at 500 V — downwards — at me side		
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 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		
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at 480 V rated value at 600 V rated value  brot-circuit protection  product function short circuit protection design of the short-circuit trip magnetic  Installation/ mounting/ dimensions  mounting position fastening method  correct 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 - at the side for grounded parts at 400 V  - downwards - at the side of or grounded parts at 500 V  - at the side of or grounded parts at 500 V  - downwards - at the side of or grounded parts at 500 V  - downwards - at the side of or grounded parts at 500 V  - downwards - at the side of or grounded parts at 500 V  - downwards - at the side of or grounded parts at 500 V  - downwards - downwards - at the side of or grounded parts at 500 V  - downwards - downwards - at the side of or grounded parts at 500 V  - downwards - downwards - at the side of or grounded parts at 500 V  - downwards - at the side of or grounded parts at 500 V  - downwards - at one side of side side - side of side of side of side of side side of side of side side of side of side of side side of side	UL/CSA ratings	
at 480 V rated value at 600 V rated value  brot-circuit protection  product function short circuit protection design of the short-circuit trip magnetic  Installation/ mounting/ dimensions  mounting position fastening method  correct 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 - at the side for grounded parts at 400 V  - downwards - at the side of or grounded parts at 500 V  - at the side of or grounded parts at 500 V  - downwards - at the side of or grounded parts at 500 V  - downwards - at the side of or grounded parts at 500 V  - downwards - at the side of or grounded parts at 500 V  - downwards - at the side of or grounded parts at 500 V  - downwards - downwards - at the side of or grounded parts at 500 V  - downwards - downwards - at the side of or grounded parts at 500 V  - downwards - downwards - at the side of or grounded parts at 500 V  - downwards - at the side of or grounded parts at 500 V  - downwards - at one side of side side - side of side of side of side of side side of side of side side of side of side of side side of side	full-load current (FLA) for 3-phase AC motor	
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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	at 600 V rated value	0.32 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	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 — 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 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 9 mm  • for grounded parts at 500 V — downwards 30 mm  • for grounded parts at 500 V — downwards 30 mm		
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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		anv
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	Č	
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>	required spacing	
— 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	30 mm
<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>30 mm</td></li></ul>	,	30 mm
— 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>	— downwards	
<ul> <li>for grounded parts at 500 V</li> <li>— downwards</li> <li>30 mm</li> </ul>	•	30 mm
— 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 - at the side 9 mm • 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 • for main current 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  $2x (0.5 \dots 1.5 \text{ mm}^2), 2x (0.75 \dots 2.5 \text{ mm}^2)$ - 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 IEC 61508 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



Type Test Certificates/Test Report

Special Test Certificate







Marine / Shipping

other









Confirmation



## Railway

Confirmation Vibration and Shock

## **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=3RV2411-0DA10

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RV2411-0DA10}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-0DA10

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

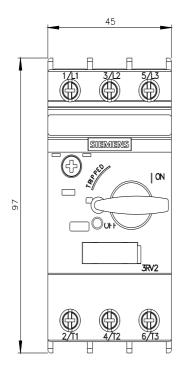
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RV2411-0DA10&lang=en

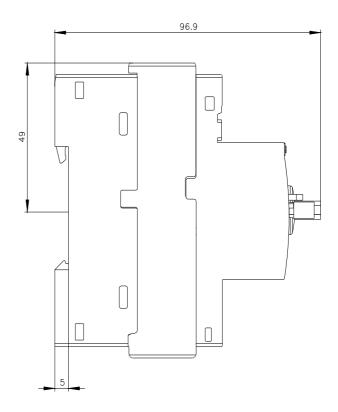
Characteristic: Tripping characteristics, I2t, Let-through current

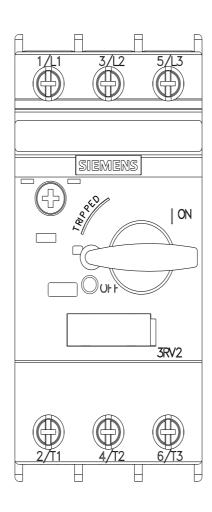
https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-0DA10/char

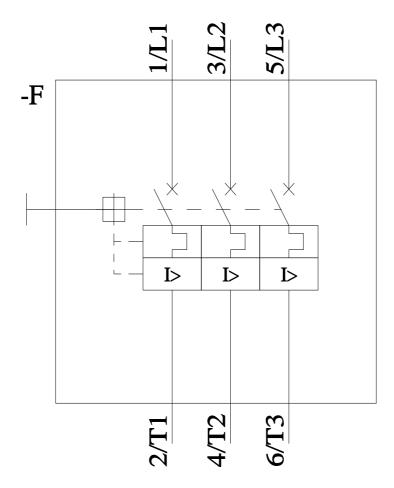
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2411-0DA10&objecttype=14&gridview=view1









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