SIEMENS

Data sheet 3RV2411-0AA15



Circuit breaker size S00 for transformer protection A-release 0.11...0.16 A N-release 3.3 A screw terminal Standard switching capacity with transverse auxiliary switches 1 NO+1 NC

SIRIUS product brand name product designation Circuit breaker design of the product For transformer protection product type designation 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 (switching cycles) • of the main contacts typical 100 000 · of auxiliary contacts typical 100 000 electrical endurance (switching cycles) typical 100 000 reference code according to IEC 81346-2 0 **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 0.11 ... 0.16 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 0.16 A operational current rated value operational current • at AC-3 at 400 V rated value 0.16 A at AC-3e at 400 V rated value 0.16 A operating power

• at AC-3	
— at 230 V rated value	0 kW
— at 400 V rated value	0 kW
— at 500 V rated value	0.1 kW
— at 690 V rated value	0.1 kW
• at AC-3e	
— at 230 V rated value	0 kW
— at 400 V rated value	0 kW
— at 500 V rated value	0.1 kW
— at 690 V rated value	0.1 kW
operating frequency	45.48
• at AC-3 maximum	15 1/h
at AC-3e maximum	15 1/h
Auxiliary circuit	
design of the auxiliary switch	transverse
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
number of CO contacts for auxiliary contacts	0
operational current of auxiliary contacts at AC-15	
• at 24 V	2 A
● at 120 V	0.5 A
● at 125 V	0.5 A
• at 230 V	0.5 A
operational current of auxiliary contacts at DC-13	
• at 24 V	1 A
• at 60 V	0.15 A
Protective and monitoring functions	
product function	
ground fault detection	No
phase failure detection	Yes
trip class	CLASS 10
design of the overload release	thermal
breaking capacity maximum short-circuit current (Icu)	400 4
at AC at 400 V rated value	100 kA
at AC at 400 V rated value	100 kA
at AC at 500 V rated value at AC at 600 V rated value	100 kA
 at AC at 690 V rated value breaking capacity operating short-circuit current (Ics) 	100 kA
at AC	
at 240 V rated value	100 kA
at 400 V rated value	100 kA
at 500 V rated value	100 kA
at 690 V rated value	100 kA
response value current of instantaneous short-circuit trip	3.3 A
unit	
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	0.16 A
at 600 V rated value	0.16 A
contact rating of auxiliary contacts according to UL	C300 / R300
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
design of the fuse link	
 for short-circuit protection of the auxiliary switch 	Fuse gL/gG: 10 A, miniature circuit breaker C 6 A (short-circuit current
required	lk < 400 A)
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail
haishá	according to DIN EN 60715
height width	97 mm 45 mm
	97 mm
depth	or iiiii

• with side-by-side mounting at the side • for grounded parts at 400 V — downwards — upwards — of live parts at 400 V — downwards — upwards — at the side • for live parts at 500 V — downwards — upwards — at the side • for grounded parts at 500 V — downwards — upwards — at the side • for live parts at 500 V — downwards — at the side • for live parts at 500 V — downwards — at the side • for live parts at 500 V — downwards — upwards — at the side • for grounded parts at 690 V — downwards — upwards — or downwards — or for grounded parts at 690 V — downwards — or forwards — upwards — or man carea to fine the side — of man contacts — side — for grounded parts at 690 V — or man carea to fine the side — of man contacts — side or stranded — for live parts at 690 V — or man current circuit • for main current circuit • for main current circuit • for main current circuit • for an incurrent circuit • for main current circuit • for main contacts — solid or stranded — finely stranded with core end processing • at AWC cables for main contacts — solid or stranded — finely stranded with core end processing • at AWC cables for auxiliary contacts — solid or stranded — finely stranded with core end processing • at AWC cables for auxiliary contacts — solid or stranded — finely stranded with core end processing • at AWC cables for main contacts — solid or stranded — finely stranded with core end processing • at AWC cables for main contacts — solid or stranded — finely stranded with core end processing • at AWC cables for main contacts — solid or stranded — finely stranded with core end processing • at AWC cables for main contacts — solid or stranded — finely stranded with core end processing • at AWC cables for main contacts — solid or stranded — finely stranded with core end processing • at AWC cables for main contacts — solid or stranded — finely stranded with core end processing • at AWC cables for auxiliary contacts — solid or stranded — finely stranded with co		
• for grounded parts at 400 V — downwards	required spacing	
drowwards 30 mm 9 mm 6 mm		0 mm
	-	
- alt the side	— downwards	
• for live parts at 400 V — downwards — at the side • for grounded parts at 500 V — downwards — upwards — at the side • for frounded parts at 500 V — downwards — of which a 500 V — downwards — of which a 500 V — downwards — of the parts at 500 V — downwards — of grounded parts at 600 V — downwards — of grounded parts at 600 V — downwards — of which a 500 V — downwards — of which a 500 V — downwards — one of grounded parts at 600 V — downwards — one of grounded parts at 600 V — downwards — one of grounded parts at 600 V — downwards — one of for live parts at 600 V — downwards — one of for live parts at 600 V — downwards — one of for live parts at 600 V — downwards — one of for live parts at 600 V — downwards — one of for live parts at 600 V — downwards — one of for live parts at 600 V — downwards — one of one of the side — one of one of the side — one of one of the side — firely stranded with ore end processing • at AVG cables for main cortacts • for auxiliary contacts — solid or stranded — finely stranded with ore end processing • for auxiliary contacts with screw-type terminals • for auxiliary contacts with s	— upwards	30 mm
- downwards	— at the side	9 mm
upwards	 for live parts at 400 V 	
at the side 9 mm	— downwards	30 mm
• for grounded parts at 500 V	— upwards	30 mm
downwards 30 mm	— at the side	9 mm
- upwards	 for grounded parts at 500 V 	
- at the side • for live parts at 500 V - downwards - upwards - at the side • for grounded parts at 890 V - downwards - backwards - backwards - for live parts at 890 V - downwards - for live parts at 890 V - downwards - for live parts at 890 V - downwards - for live parts at 890 V - downwards - for live parts at 890 V - downwards - onm - upwards - for live parts at 890 V - downwards - onm - upwards - for live parts at 890 V - downwards - onm - upwards - onm - onm - upwards - onm - upwards - onm - onm - onm - upwards - onm - onm - upwards - onm	— downwards	30 mm
• for live parts at 500 V — downwards — upwards — at the side — ownwards — upwards — upwards — backwards — upwards — at the side — of norwards — ownwards	— upwards	30 mm
- downwards	— at the side	9 mm
- upwards	 for live parts at 500 V 	
- at the side • for grounded parts at 690 V - downwards - upwards - beckwards - at the side - forwards • for live parts at 690 V - downwards • for live parts at 690 V - downwards - upwards • for live parts at 690 V - downwards - upwards	— downwards	30 mm
• for grounded parts at 690 V — downwards — upwards — backwards — at the side — forwards — forwards — ownwards — forwards — ownwards — ownwards — ownwards — upwards — upwards — upwards — backwards — upwards — upwards — backwards — upwards — backwards — ownwards — backwards — ownwards — backwards — ownwards — at the side — backwards — ownwards — at the side — ownwards — ownwards — at the side — backwards — ownwards — ownwards	— upwards	30 mm
- downwards - upwards - backwards - backwards - for live parts at 600 V - downwards - upwards - of mive parts at 600 V - downwards - upwards - upwards - for live parts at 600 V - downwards - upwards - upwar	— at the side	9 mm
- upwards - backwards - at the side - forwards - forwards - downwards - downwards - downwards - backwards - upwards - backwards - upwards - backwards - backwards - at the side - bo mm - backwards - at the side - forwards - on mm - backwards - for main current circuit - for auxiliary and control circuit - for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for main contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with co	 for grounded parts at 690 V 	
- backwards - at the side - forwards • for live parts at 690 V - downwards - upwards - at the side - upwards - at the side - on mm - backwards - at the side - at the side - at the side - at the side - on mm - forwards - at the side - at the side - on mm - forwards - on mm	— downwards	50 mm
- at the side - forwards - for live parts at 690 V - downwards - upwards - backwards - backwards - at the side - forwards - at the side - forwards - at the side - forwards - or mm - at the side - forwards - or mm - or main current circuit - for auxiliary and control circuit - for auxiliary and control circuit - for auxiliary and control circuit - solid or stranded - finely stranded with core end processing - at AWG acables for main contacts - solid or stranded - finely stranded with core end processing - for auxiliary contacts - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - solid or strande - solid or strande - solid or stran	— upwards	50 mm
• for live parts at 690 V - downwards - upwards - backwards - at the side - at the side - forwards * for main current circuit * for main current circuit * to framiliary and control circuit * arrangement of electrical connectors for main current circuit * type of connectable conductor cross-sections • for main contacts - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts - solid or stranded - finely stranded with core end processing • at AWG cables for awillary contacts with screw-type terminals * a tal WG cables for awillary contacts • for awillary contacts with screw-type terminals • for for main contacts • for for main contacts * for for main contacts * for awillary contacts with screw-type terminals • for awillary contacts with screw-type terminals • for awillary contacts with screw-type terminals • for for main contacts M3 • for forminals • for forminals • for forminals • f	— backwards	0 mm
• for live parts at 690 V	— at the side	30 mm
- downwards - upwards - backwards - backwards - at the side - forwards 0 mm - forwards 0 mm - forwards 0 mm - forwards - for main current circuit - for main current circuit - for main current circuit - for main contacts - solid or stranded - finely stranded with core end processing - at AWG cables for main contacts - solid or stranded - finely stranded with core end processing - for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - solid or str	— forwards	0 mm
- downwards - upwards - backwards - backwards - at the side - forwards 0 mm - forwards 0 mm - forwards 0 mm - forwards - for main current circuit - for main current circuit - for main current circuit - for main contacts - solid or stranded - finely stranded with core end processing - at AWG cables for main contacts - solid or stranded - finely stranded with core end processing - for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - solid or str	• for live parts at 690 V	
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at the side — forwards 0 mm Connections/ Terminals type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals • for main contacts — solid or stranded — finely stranded with core end processing • at AWG cables for main contacts — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts — for main contacts with screw-type terminals • for auxiliary contacts w	— upwards	50 mm
forwards type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts solid or stranded finely stranded with core end processing • for cauxiliary contacts solid or stranded finely stranded with core end processing • at AWG cables for main contacts solid or stranded finely stranded with core end processing • for auxiliary contacts solid or stranded finely stranded with core end processing • for auxiliary contacts solid or stranded finely stranded with core end processing • for auxiliary contacts solid or stranded finely stranded with core end processing • at AWG cables for auxiliary contacts solid or stranded finely stranded with core end processing • at AWG cables for auxiliary contacts solid or stranded finely stranded with core end processing • at AWG cables for auxiliary contacts solid or stranded finely stranded with core end processing • at AWG cables for auxiliary contacts solid or stranded finely stranded with core end processing • at AWG cables for auxiliary contacts solid or stranded finely stranded with core end processing • at AWG cables for auxiliary contacts solid or stranded finely stranded with core end processing • at AWG cables for auxiliary contacts solid or stranded finely stranded with core end processing solid or stranded solid or strander solid or stranded solid or strander solid or strande	— backwards	0 mm
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type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • at AWG cables for main contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for fauxiliary contacts with screw-type terminals • for auxiliary contacts • for auxiliary contacts 0.8 1.2 N-	— forwards	0 mm
type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • at AWG cables for main contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for fauxiliary contacts with screw-type terminals • for auxiliary contacts • for auxiliary contacts 0.8 1.2 N-	Connections/ Terminals	
• for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • at AWG cables for main contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (0.5 1.5 mm²), 2		
• for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts	•	screw-type terminals
arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections - solid or stranded - finely stranded with core end processing - at AWG cables for main contacts - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded with core end processing - solid or stranded with core end processing - solid or stranded with core end processing - solid or stranded - solid or stranded with core end processing - solid or stranded - solid or strande - solid or stranded - solid or stranded - solid or stranded -	for auxiliary and control circuit	••
type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts **To for main contacts with screw-type terminals • for main contacts with screw-type terminals • for auxiliary contacts • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts • for main contacts •	-	
• for main contacts — solid or stranded — finely stranded with core end processing — at AWG cables for main contacts (type of connectable conductor cross-sections — solid or stranded — finely stranded with core end processing — solid or stranded — solid or stranded — solid or stranded — finely stranded with core end processing — at AWG cables for auxiliary contacts — solid or stranded — finely stranded with core end processing — at AWG cables for auxiliary contacts (solid solid stranded with core end processing — at AWG cables for auxiliary contacts (solid solid sol		A
- solid or stranded - finely stranded with core end processing • at AWG cables for main contacts **eype of connectable conductor cross-sections • for auxiliary contacts **end at AWG cables for main contacts - solid or stranded - finely stranded with core end processing • at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing • at AWG cables for auxiliary contacts **end at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing • at AWG cables for auxiliary contacts **end at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing • at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing • at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded -	type of connectable conductor cross-sections	
- finely stranded with core end processing • at AWG cables for main contacts type of connectable conductor cross-sections • for auxiliary contacts - solid or stranded - finely stranded with core end processing • at AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing • at AWG cables for auxiliary contacts tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals design of screwdriver shaft size of the screwdriver tip design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M3 Safety rolated data B10 value • with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 T1 value for proof test interval or service life according to	 for main contacts 	
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• for auxiliary contacts • for auxiliary contacts — solid or stranded — solid or stranded with core end processing • at AWG cables for auxiliary contacts • for main contacts with screw-type terminals • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts • for main contacts • for main contacts • of the auxiliary and control contacts • of the auxiliary and control contacts • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • thigh demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • T1 value for proof test interval or service life according to 10 y	 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
• for auxiliary contacts — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • loss of the screwdriver tip • gozidriv size 2 design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts • of the auxiliary and control contacts B10 value • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 10 y	 at AWG cables for main contacts 	2x (18 14), 2x 12
- solid or stranded - finely stranded with core end processing • at AWG cables for auxiliary contacts tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals design of screwdriver shaft size of the screwdriver tip design of the thread of the connection screw • for main contacts • for main contacts • of the auxiliary and control contacts B10 value • with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 **To Value for proof test interval or service life according to **To Smm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) **To Smm²), 2x (0.75 2.5 mm²) 2x (20 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) **To Smm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) **To Smm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) **To Smm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) **To Smm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) **To Smm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) **To Smm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) **To Smm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) **To Smm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) **To Smm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) **To Smm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) **To Smm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) **To Smm²), 2x (0.75 14) **To Smm²}, 2x (0.75	type of connectable conductor cross-sections	
finely stranded with core end processing • at AWG cables for auxiliary contacts tightening torque • for main contacts with screw-type terminals • for auxiliary contacts • for main contacts • for main contacts • for main contacts • M3 • fall value • with high demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 •	 for auxiliary contacts 	
 at AWG cables for auxiliary contacts tightening torque for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals for auxiliary contacts with screw-type terminals for auxiliary contacts with screw-type terminals design of screwdriver shaft Diameter 5 to 6 mm Pozidriv size 2 design of the thread of the connection screw for main contacts of the auxiliary and control contacts M3 design of the design of the thread of the connection screw if of the auxiliary and control contacts with high demand rate according to SN 31920 with high demand rate according to SN 31920 with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 FIT T1 value for proof test interval or service life according to 10 y 	— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
• for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals design of screwdriver shaft size of the screwdriver tip design of the thread of the connection screw • for main contacts • for main contacts • of the auxiliary and control contacts B10 value • with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 failure rate [FIT] • with low demand rate according to SN 31920 T1 value for proof test interval or service life according to 10 y	 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
• for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals design of screwdriver shaft size of the screwdriver tip design of the thread of the connection screw • for main contacts • for main contacts • of the auxiliary and control contacts B10 value • with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 failure rate [FIT] • with low demand rate according to SN 31920 T1 value for proof test interval or service life according to 10 y	 at AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14)
 for auxiliary contacts with screw-type terminals design of screwdriver shaft biameter 5 to 6 mm Pozidriv size 2 design of the screwdriver tip e for main contacts of the auxiliary and control contacts M3 of the auxiliary and control contacts M3 afety related data with high demand rate according to SN 31920 with low demand rate according to SN 31920 with high demand rate according to SN 31920 with high demand rate according to SN 31920 with low demand rate according to SN 31920 with low demand rate according to SN 31920 with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 T1 value for proof test interval or service life according to 10 y 	tightening torque	
 for auxiliary contacts with screw-type terminals design of screwdriver shaft poimeter 5 to 6 mm pozidriv size 2 design of the thread of the connection screw for main contacts of the auxiliary and control contacts M3 afety related data with high demand rate according to SN 31920 with low demand rate according to SN 31920 with high demand rate according to SN 31920 with high demand rate according to SN 31920 with low demand rate according to SN 31920 with low demand rate according to SN 31920 with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 FIT T1 value for proof test interval or service life according to 10 y 		0.8 1.2 N·m
size of the screwdriver tip design of the thread of the connection screw of or main contacts of the auxiliary and control contacts M3 Safety related data B10 value of with high demand rate according to SN 31920 proportion of dangerous failures of with low demand rate according to SN 31920 of with high demand rate according to SN 31920 of with high demand rate according to SN 31920 of with low demand rate according to SN 31920 failure rate [FIT] of with low demand rate according to SN 31920 T1 value for proof test interval or service life according to 10 y	 for auxiliary contacts with screw-type terminals 	0.8 1.2 N·m
e for main contacts of the auxiliary and control contacts of the auxiliary and control contacts M3 Safety related data B10 value of with high demand rate according to SN 31920 proportion of dangerous failures of with low demand rate according to SN 31920 of with high demand rate according to SN 31920 of with high demand rate according to SN 31920 of with high demand rate according to SN 31920 of with low demand rate according to SN 31920 failure rate [FIT] of with low demand rate according to SN 31920 for FIT T1 value for proof test interval or service life according to M3 5 000 5 000 5 0 % 6 10	design of screwdriver shaft	Diameter 5 to 6 mm
for main contacts of the auxiliary and control contacts M3 Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 with high demand rate according to SN 31920 with low demand rate according to SN 31920	size of the screwdriver tip	Pozidriv size 2
of the auxiliary and control contacts M3 B10 value with high demand rate according to SN 31920 5 000 proportion of dangerous failures with low demand rate according to SN 31920 50 % with high demand rate according to SN 31920 50 % failure rate [FIT] with low demand rate according to SN 31920 50 FIT T1 value for proof test interval or service life according to 10 y	design of the thread of the connection screw	
B10 value • with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 failure rate [FIT] • with low demand rate according to SN 31920 T1 value for proof test interval or service life according to 10 y	 for main contacts 	M3
● with high demand rate according to SN 31920 5 000 proportion of dangerous failures ● with low demand rate according to SN 31920 50 % ● with high demand rate according to SN 31920 50 % failure rate [FIT] ● with low demand rate according to SN 31920 50 FIT T1 value for proof test interval or service life according to 10 y	 of the auxiliary and control contacts 	M3
● with high demand rate according to SN 31920 5 000 proportion of dangerous failures ● with low demand rate according to SN 31920 50 % ● with high demand rate according to SN 31920 50 % failure rate [FIT] ● with low demand rate according to SN 31920 50 FIT T1 value for proof test interval or service life according to 10 y	Safety related data	
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 with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 T1 value for proof test interval or service life according to 50 % 50 FIT 10 y 		50 %
failure rate [FIT] • with low demand rate according to SN 31920 T1 value for proof test interval or service life according to 10 y		
 with low demand rate according to SN 31920 T1 value for proof test interval or service life according to 50 FIT 10 y 		
T1 value for proof test interval or service life according to 10 y		
		50 FIT

protection class IP on the front according to IEC 60529

touch protection on the front according to IEC 60529

display version for switching status

IP20

finger-safe, for vertical contact from the front

Certificates/ approvals

General Product Approval





Confirmation



KC



Declaration of Conformity

Test Certificates

Marine / Shipping





Type Test Certificates/Test Report

Special Test Certificate





Marine / Shipping











Confirmation

other

other

Railway



Confirmation

Vibration and Shock

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2411-0AA15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2411-0AA15

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-0AA15

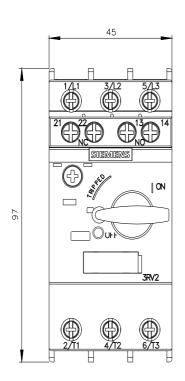
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

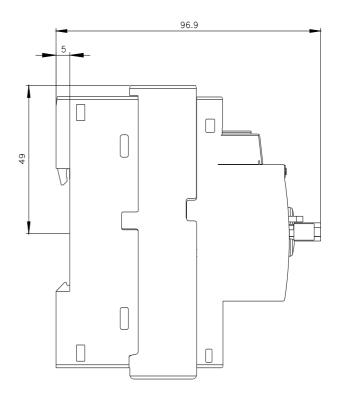
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2411-0AA15&lang=en

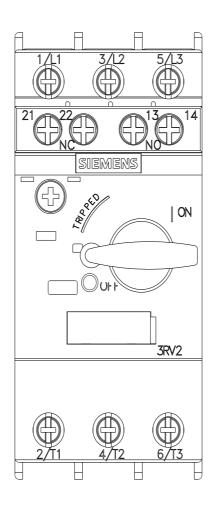
Characteristic: Tripping characteristics, I2t, Let-through current

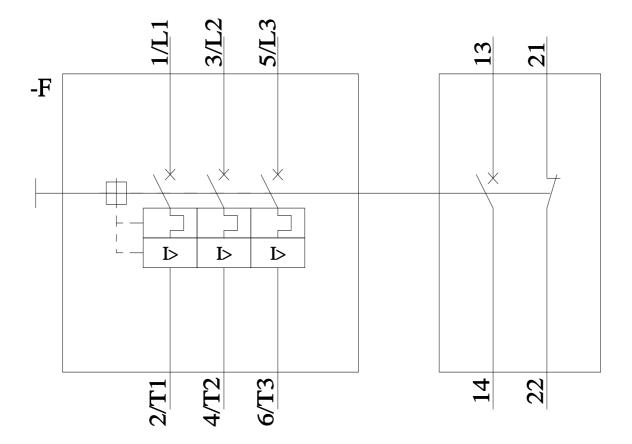
https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-0AA15/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2411-0AA15&objecttype=14&gridview=view1









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