SIEMENS

Data sheet 3RV2311-0CC10



Circuit breaker size S00 for starter combination Rated current 0.25 A N-release 3.3 A screw terminal Standard switching capacity

product designation design of the product for starter combinations product type designation 3RV2 Ceneral technical data size of the circuit-breaker size of contactor can be combined company-specific product extension auxiliary switch yes power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state • at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 259 / 11 ms mechanical service life (switching cycles) • of the main contacts typical electrical endurance (switching cycles) electrical endurance (switching cycles) electrical endurance (switching cycles) electrica	product brand name	SIRIUS
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- at 230 V rated value		
at 590 V rated value		
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product function short circuit protection design of the short-circuit trip Installation/ mounting/ dimensions mounting position fastening method any fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm width 45 mm depth required spacing • 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	• at 600 V rated value	0.25 A
design of the short-circuit trip Installation/ mounting/ dimensions mounting position fastening method according to DIN EN 60715 height 97 mm width 45 mm depth 97 mm required spacing • for grounded parts at 400 V — downwards — at the side • for live parts at 400 V — downwards — upwards — upwards — at the side • for grounded parts at 500 V • for grounded parts at 500 V	Short-circuit protection	
Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm width 45 mm depth 97 mm required spacing • 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 — at the side • for grounded parts at 500 V	product function short circuit protection	Yes
mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm width 45 mm depth 97 mm required spacing • 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	design of the short-circuit trip	magnetic
fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm width 45 mm depth 97 mm required spacing • 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	Installation/ mounting/ dimensions	
height 97 mm width 45 mm depth 97 mm required spacing • 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 — of parts at 400 V — downwards — upwards — upwards — upwards — upwards — of or grounded parts at 500 V	mounting position	any
width 45 mm depth 97 mm required spacing • 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 • tor live parts at 400 V — downwards 30 mm — upwards 30 mm — upwards 9 mm • for grounded parts at 500 V	fastening method	
depth 97 mm required spacing	height	97 mm
required spacing • for grounded parts at 400 V — downwards — upwards — at the side 9 mm • for live parts at 400 V — downwards — upwards — upwards — upwards — upwards — at the side 9 mm • for grounded parts at 500 V	width	45 mm
 for grounded parts at 400 V downwards upwards at the side for live parts at 400 V downwards upwards upwards upwards at the side mm of or grounded parts at 500 V 	depth	97 mm
 downwards upwards upwards at the side for live parts at 400 V downwards upwards upwards at the side for grounded parts at 500 V 	required spacing	
 — upwards — at the side ● for live parts at 400 V — downwards — upwards — at the side ● for grounded parts at 500 V 	 for grounded parts at 400 V 	
 at the side for live parts at 400 V downwards upwards at the side for grounded parts at 500 V 		
 for live parts at 400 V downwards upwards at the side for grounded parts at 500 V 	— upwards	30 mm
 — downwards — upwards — at the side • for grounded parts at 500 V 30 mm 9 mm		9 mm
 — upwards — at the side • for grounded parts at 500 V 30 mm 9 mm		
— at the side 9 mm • for grounded parts at 500 V		
• for grounded parts at 500 V	•	
		9 mm
— downwards 30 mm		
	— downwards	30 mm

	00
— upwards	30 mm
— at the side	9 mm
 for live parts at 500 V 	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
 for grounded parts at 690 V 	
— downwards	50 mm
— upwards	50 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
 for live parts at 690 V 	
— downwards	50 mm
— upwards	50 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	screw-type terminals
arrangement of electrical connectors for main current circuit	Top and bottom
type of connectable conductor cross-sections	
for main contacts	
— solid or stranded	2x (0,75 2,5 mm²), 2x 4 mm²
— finely stranded with core end processing	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
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	
for main contacts	M3
Safety related data	
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 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
IEC 61508	
protection class IP on the front according to IEC 60529	IP20
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	
General Product Approval	

General Product Approval





Confirmation



<u>KC</u>



Declaration of Conformity Test Certificates Marine / Shipping





Type Test Certificates/Test Report

Special Test Certificate





Marine / Shipping other











Confirmation

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=3RV2311-0CC10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2311-0CC10

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2311-0CC10

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

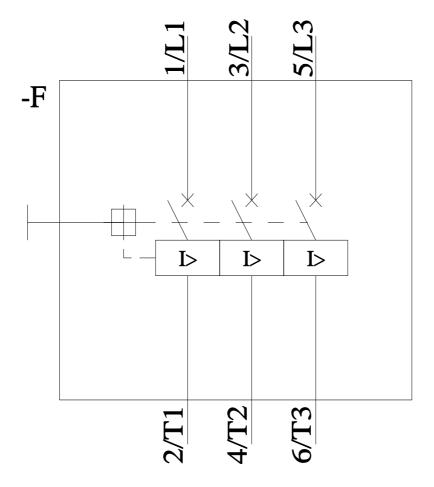
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2311-0CC10&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RV2311-0CC10/char

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2311-0CC10&objecttype=14&gridview=view1



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