SIEMENS

Data sheet

3RV1011-1AA10



Circuit breaker size S00 for motor protection, CLASS 10 A-release 1.1...1.6 A N-release 21 A Screw terminal Standard switching capacity

473	
product brand name	SIRIUS
product designation	Circuit breaker
design of the product	For motor protection
product type designation	3RV1
General technical data	
size of the circuit-breaker	S00
size of contactor can be combined company-specific	S00
product extension auxiliary switch	Yes
power loss [W] for rated value of the current	
 at AC in hot operating state 	7.25 W
 at AC in hot operating state per pole 	2.4 W
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
mechanical service life (operating cycles)	
 of the main contacts typical 	100 000
 of auxiliary contacts typical 	100 000
electrical endurance (operating cycles) typical	100 000
type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
certificate of suitability according to ATEX directive 2014/34/EU	DMT 02 ATEX F 001
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	01/01/2013
SVHC substance name	Blei - 7439-92-1
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
 during operation 	-20 +60 °C
 during storage 	-50 +80 °C
during transport	-50 +80 °C
relative humidity during operation	10 95 %
Main circuit	
number of poles for main current circuit	3
adjustable current response value current of the current- dependent overload release	1.1 1.6 A
operating voltage	
rated value	20 690 V
 at AC-3 rated value maximum 	690 V
 at AC-3e rated value maximum 	690 V
operating frequency rated value	50 60 Hz
operational current rated value	1.6 A
operational current	

• # AC3 at 400 V rated value16 A• # AC3 at 400 V rated value16 A• • # AC3 At 400 V rated value16 A• • # AC3 V rated value0.5 KW• - # 320 V rated value0.5 KW• - # 320 V rated value0.8 KW• # 320 V rated value0.0 KA• # 320 V rated value0.0 KA <trr>• # 320 V rated value</trr>		4.6.4
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mounting position any fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 90 mm width 45 mm depth 75 mm		gL/gG 20 A
fastening methodscrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715height90 mmwidth45 mmdepth75 mm	Installation/ mounting/ dimensions	
height 90 mm width 45 mm depth 75 mm	mounting position	any
width 45 mm depth 75 mm	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
depth 75 mm	height	90 mm
•	width	45 mm
required spacing	depth	75 mm
	required spacing	

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x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
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.8 1.2 N·m
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000
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nger-safe, for vertical contact from the front
ocker switch

CE EG-Konf.	UK CA	<u>Confirmation</u>			EHC
For use in hazardous lo	ocations	Test Certificates		Marine / Shipping	
KEx ATEX	IECEx	Type Test Certific- ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	ABS	DUREAU VERITAS
Marine / Shipping					other
	Lloyd's Register us	PRS	RINA	RMRS	<u>Confirmation</u>
other		Railway			
<u>Miscellaneous</u>		Special Test Certific- ate			

Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus). 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=3RV1011-1AA10 Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV1011-1AA10

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV1011-1AA10

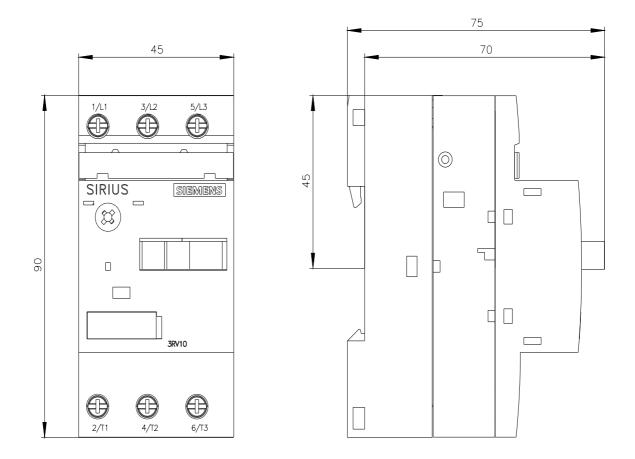
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

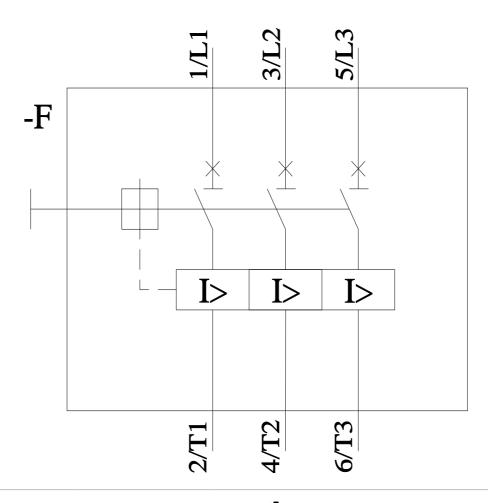
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV1011-1AA10&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RV1011-1AA10/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV1011-1AA10&objecttype=14&gridview=view1





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