SIEMENS

Data sheet	3RV1901-1G

Auxiliary switch transverse Solid-state-compatible 1 CO for circuit breaker Size S00...S3 !!! Phased-out product !!! Successor is SIRIUS 3RV2 Preferred successor type is >>3RV2901-1G<<

General technical data

product brand name		SIRIUS
product designation		auxiliary switch, transverse on the front
design of the product		electronics compatible transverse auxiliary switch
size of the circuit-breaker		S00, S0, S2, S3
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
ambient temperature		
● during storage	°C	-50 ... +80
● during operation	°C	-20 ... +60

Auxiliary circuit

number of NC contacts for auxiliary contacts instantaneous contact		0
number of NO contacts for auxiliary contacts instantaneous contact		0
number of CO contacts of auxiliary contacts instantaneous contact		1
operational current		
● of auxiliary contacts		
— at DC-13		
— at 24 V	A	0.3
— at 48 V	A	0.3
— at 60 V	A	0.3

Installation/ mounting/ dimensions

fastening method		plug-in fixing
width	mm	45
height	mm	12
depth	mm	17

Connections/ Terminals

type of electrical connection for auxiliary and control circuit		screw-type terminals
type of connectable conductor cross-sections		
● for auxiliary contacts		
— solid		2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)
— finely stranded		
— with core end processing		2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)
● at AWG cables for auxiliary contacts		2x (18 ... 14)

Certificates/ approvals

certificate of suitability		CE / UL / CSA / CCC
General Product Approval		**Test Certificates**

1/18/2023

| | | Confirmation | | | Type Test Certific-ates/Test Report |

Marine / Shipping		other	
ABS	BUREAU VERITAS	Confirmation	VDE

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=3RV1901-1G
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV1901-1G
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RV1901-1G
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV1901-1G&lang=en

last modified: 6/26/2021 ↗