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Data sheet 3RV1901-1C



Figure similar

Auxiliary switch can be mounted on the side 2 NC, for circuit breaker Size S00...S3 !!! Phased-out product !!! Successor is SIRIUS 3RV2 Preferred successor type is >>3RV2901-1C<<

product brand name	SIRIUS
product category	Auxiliary switch
product designation	auxiliary switch
design of the product	lateral auxiliary switches
product type designation	3RV19
General technical data	
certificate of suitability	CE / UL / CSA / CCC
size of the circuit-breaker	S00, S0, S2, S3
protection class IP on the front	
● according to IEC 60529	IP20
Substance Prohibitance (day/month/year)	07/01/2006
Net Weight	44.79 g
number of NC contacts for auxiliary contacts instantaneous contact	2
number of NO contacts for auxiliary contacts instantaneous contact	0
number of CO contacts of auxiliary contacts instantaneous contact	0
operational current at AC-15 at 690 V rated value	1 A
operational current of auxiliary contacts at AC-12	
● at 24 V	10 A
● at 230 V	10 A
● at 400 V	10 A
● at 690 V	10 A
operational current of auxiliary contacts at AC-12 maximum	10 A
operational current of auxiliary contacts at AC-15	
● at 24 V	6 A
● at 230 V	4 A
● at 400 V	3 A
operational current of auxiliary contacts at DC-13	
● at 24 V	2 A
● at 110 V	0.5 A
● at 220 V	0.25 A
Ambient conditions	
ambient temperature	
● during operation	-20 ... +60 °C
● during storage	-50 ... +80 °C
Electrical Safety	
protection class IP on the front according to IEC 60529	IP20

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touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Installation/ mounting/ dimensions	
fastening method	plug-in fixing
height	90 mm
width	9.5 mm
depth	70 mm
Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	screw-type terminals
connectable conductor cross-section for auxiliary contacts	
● solid or stranded	0.5 ... 2.5 mm²
● finely stranded with core end processing	0.5 ... 2.5 mm²
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)
● for AWG cables for auxiliary contacts	2x (18 ... 14)
AWG number as coded connectable conductor cross section for auxiliary contacts	18 ... 14

Approvals Certificates

Environment	General Product Approval				Test Certificates
Environmental Confirmations	CCC	UL		EAC	Type Test Certificates/Test Report

Maritime application			other		
ABS	BUREAU VERITAS	LRS	Miscellaneous	Confirmation	产品合格 QC PASS

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
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=3RV1901-1C
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV1901-1C
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RV1901-1C
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV1901-1C&lang=en

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