SIEMENS

Data sheet   3RV1902-1DB0

Shunt release 20...24 V AC, 50/60 Hz, 100% ON period 20-70 V AC, 50/60 Hz, 5 s ON period 20-70 V DC, 5 s ON period for circuit breaker Size S00...S3 !!! Phased-out product !!! Successor is SIRIUS 3RV2 Preferred successor type is >>3RV2902-1DB0<<

General technical data

product brand name	SIRIUS
product designation	shunt release
size of the circuit-breaker	S00, S0, S2, S3
suitability for use	motor circuit breaker
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
design of short-circuit protection	fuse
degree of pollution	3
insulation voltage rated value	690 V
insulation voltage with degree of pollution 3 at AC rated value	690 V
ambient temperature	
● during storage	-50 ... +80 °C
● during operation	-20 ... +60 °C
reference code according to EN 61346-2	F

Auxiliary circuit

number of NC contacts for auxiliary contacts instantaneous contact	0
number of NO contacts for auxiliary contacts instantaneous contact	0
number of NO contacts for auxiliary contacts leading contact	0
number of CO contacts of auxiliary contacts instantaneous contact	0

Control circuit/ Control

type of voltage of the control supply voltage	AC
control supply voltage frequency	
● 1	
— initial rated value	50 Hz
— final rated value	60 Hz
control supply voltage	
● 1	
— at AC	
— at 50 Hz initial rated value	20 V
— at 50 Hz final rated value	24 V
— at 60 Hz final rated value	24 V
— at 60 Hz initial rated value	20 V

Installation/ mounting/ dimensions

fastening method	snap-on mounting
width	18.5 mm

height	90 mm
depth	68 mm

Certificates/ approvals	
certificate of suitability	CE / UL / CSA

General Product Approval				Test Certificates	Marine / Shipping
CSA	[Confirmation](#)	UL	EAC	[Type Test Certificates/Test Report](#)	ABS

Marine / Shipping		other	
BUREAU VERITAS	Lloyd's Register LRS	[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=3RV1902-1DB0
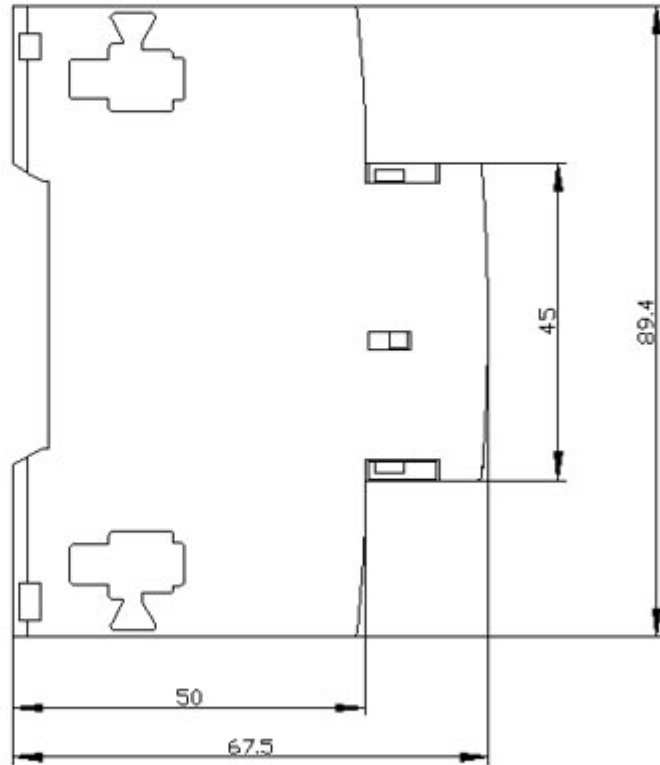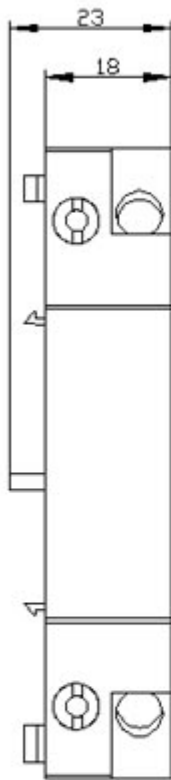
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV1902-1DB0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RV1902-1DB0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV1902-1DB0&lang=en

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