SIEMENS

Data sheet 3RV1912-1CV1



undervoltage release 415 V AC/50 Hz, 480 V AC/60 Hz with leading auxiliary switch 2 NO, for circuit breaker 3RV1011

product brand name	SIRIUS
product category	Auxiliary release
product designation	undervoltage release
design of the product	with 2 auxiliary contacts
product type designation	3RV19
suitability for use	motor circuit breaker
General technical data	
certificate of suitability	CE / UL / CSA
size of the circuit-breaker	S00, S0, S2, S3
closing active power at AC maximum	13 W
active power at AC in operation maximum	2.4 W
apparent power at AC in operation maximum	7.2 V·A
insulation voltage	
● **rated value**	690 V
● with degree of pollution 3 at AC rated value	690 V
degree of pollution	3
protection class IP on the front according to IEC 60529	IP20
break time maximum	20 ms
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750	F
reference code according to EN 61346-2	F
Substance Prohibitance (day/month/year)	07/01/2006
Net Weight	0.14 kg
type of voltage of the control supply voltage	AC
control supply voltage 1 at AC	
● at 50 Hz rated value	415 V
● at 60 Hz rated value	480 V
control supply voltage frequency 1	50 ... 60 Hz
number of NC contacts for auxiliary contacts instantaneous contact	0
number of NO contacts for auxiliary contacts	
● instantaneous contact	0
● leading contact	2
number of CO contacts of auxiliary contacts instantaneous contact	0
Ambient conditions	
ambient temperature	
● during operation	-20 ... +60 °C
● during storage	-50 ... +80 °C
Electrical Safety	

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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
Short-circuit protection	
design of short-circuit protection	fuse
Installation/ mounting/ dimensions	
fastening method	snap-on mounting
height	90 mm
width	19 mm
depth	68 mm
Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	screw-type terminals

Approvals Certificates

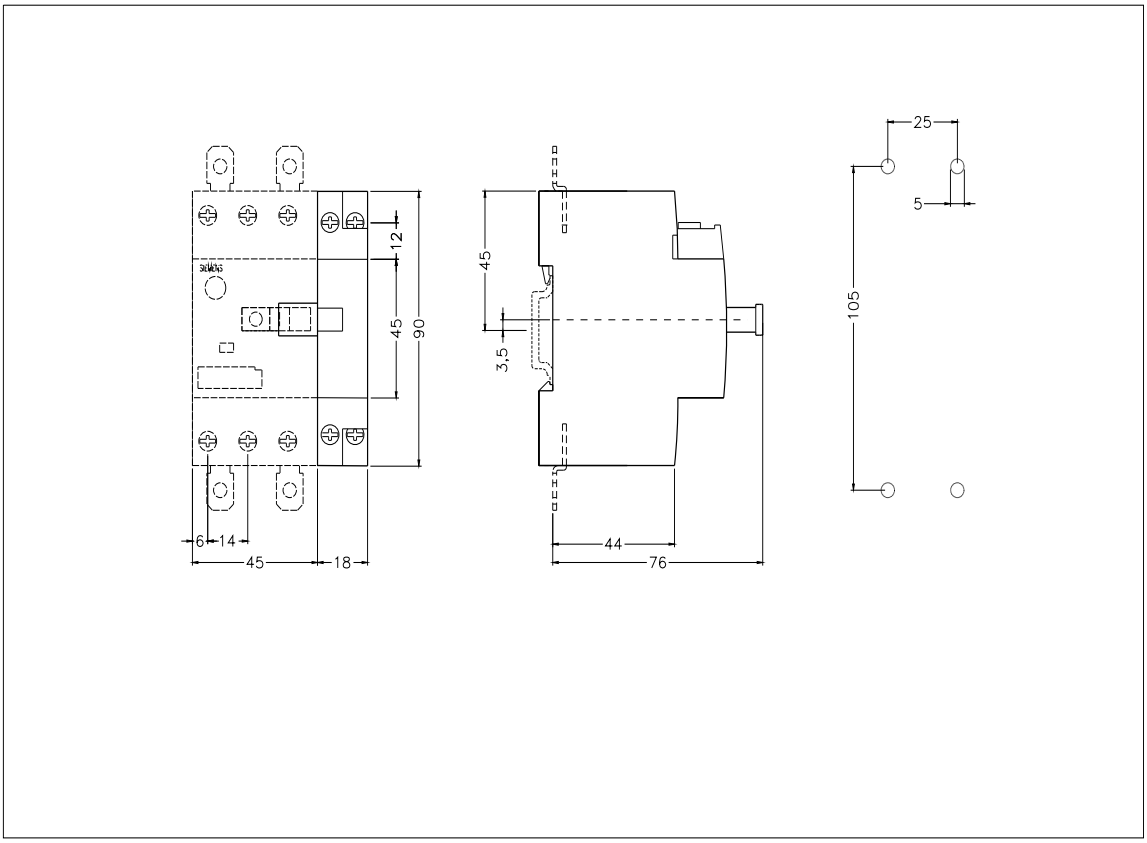
Environment	General Product Approval				Test Certificates
Environmental Confirmations	UL	EAC	CE EG-Konf.	UKCA	Type Test Certificates/Test Report

Maritime application			other		
ABS	BUREAU VERITAS	DNV	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=3RV1912-1CV1
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV1912-1CV1
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RV1912-1CV1
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV1912-1CV1&lang=en

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