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Data sheet 3RV2902-1AV0



Undervoltage release 400 V AC/50 Hz, 440 V AC/60 Hz with screw terminal for circuit breaker 3RV2

product brand name	SIRIUS
product category	Auxiliary release
product designation	undervoltage release
product type designation	3RV29
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)	05/01/2012
Net Weight	126 g
type of voltage of the control supply voltage	AC
control supply voltage 1 at AC	
● at 50 Hz rated value	400 V
● at 60 Hz rated value	440 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	0
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	
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
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

Environmental Confirmations

General Product Approval







Test Certificates

Type Test Certificates/Test Report

Special Test Certificate

Maritime application






Maritime application




other

Miscellaneous

Confirmation

Miscellaneous



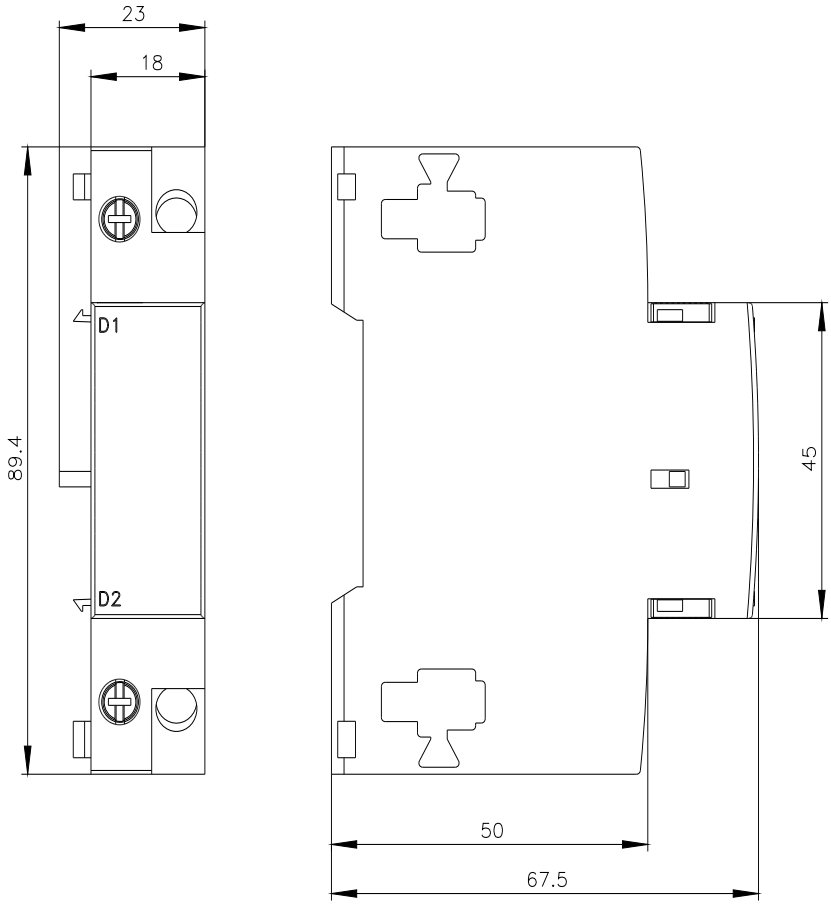
Railway

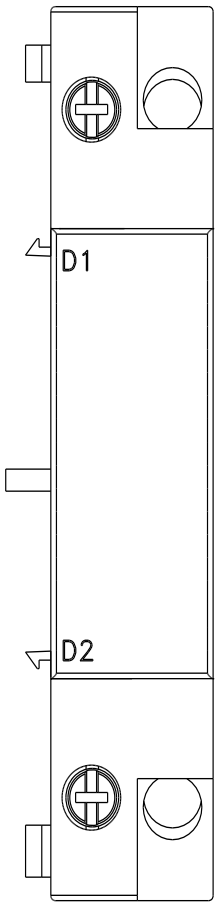
Special Test Certificate

Further information

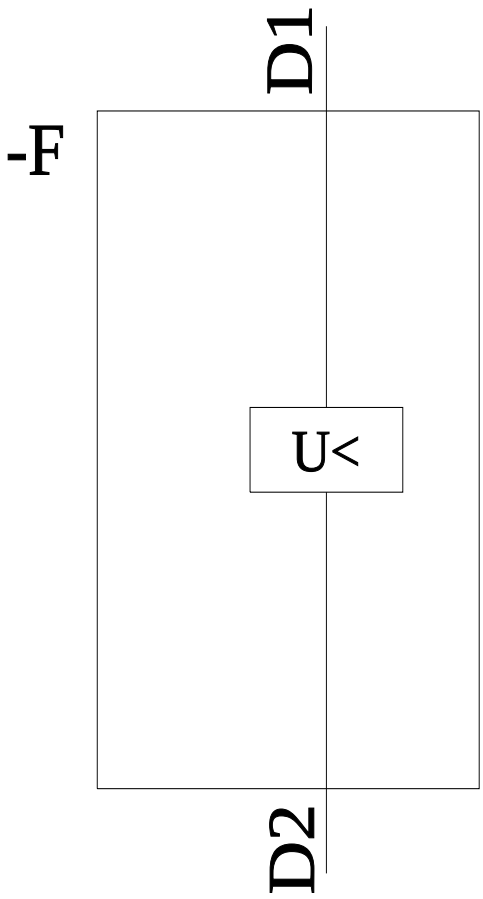
Information on the packaging
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Information for data generation and storage
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Information- and Downloadcenter (Catalogs, Brochures,…)
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Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2902-1AV0
Cax online generator
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Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RV2902-1AV0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
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