



Undervoltage release 400 V AC/50 Hz, 440 V AC/60 Hz with ring cable lug connection for circuit breaker 3RV2

product brand name	SIRIUS
product category	Auxiliary release
product designation	undervoltage release
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 VA
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	IP00
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	0.129 kg
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	IP00
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
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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	ring terminal lug connection
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Approvals Certificates



Environment	General Product Approval	Test Certificates
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Environmental Con- firmations	 UL	 EAC	 CE EG-Konf.	 UK CA	Type Test Certific- ates/Test Report
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Test Certificates

Test Certificates	Maritime application
Special Test Certific- ate	 ABS  BUREAU VERITAS  DNV  LRS  PRS

Maritime application

Maritime application	other
 RINA	Confirmation Miscellaneous Confirmation Miscellaneous 

Railway

[Special Test Certific-
ate](#)

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>

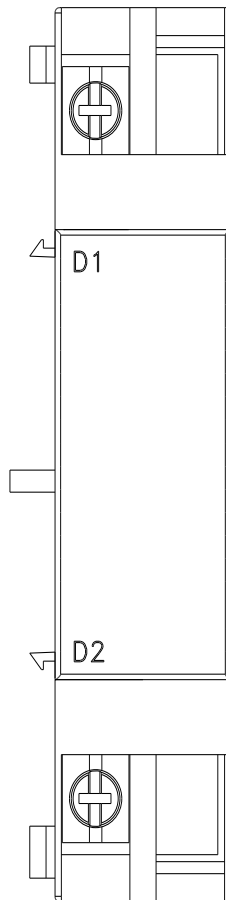
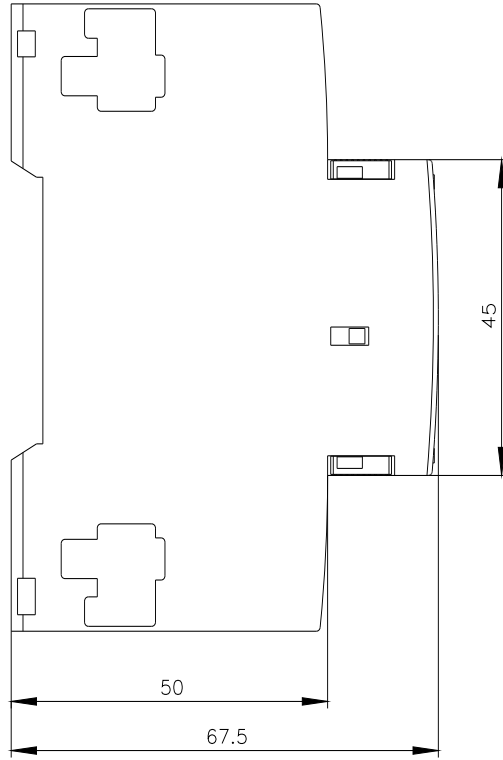
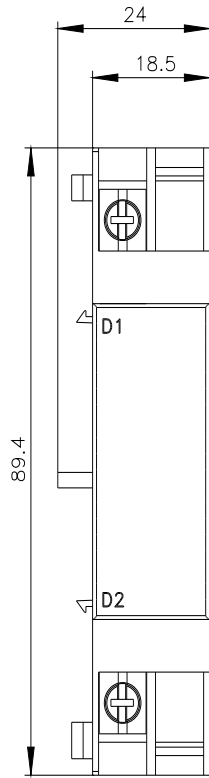
Information- and Downloadcenter (Catalogs, Brochures,...)
<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2902-4AV0>

Cax online generator
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2902-4AV0>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RV2902-4AV0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2902-4AV0&lang=en





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