



Undervoltage release 415 V AC/50 Hz, 480 V AC/60 Hz with screw terminal for circuit breaker 3RV2

<b>product brand name</b>	SIRIUS
<b>product category</b>	Auxiliary release
<b>product designation</b>	undervoltage release
<b>product type designation</b>	3RV29
<b>suitability for use</b>	motor circuit breaker
<b>General technical data</b>	
<b>certificate of suitability</b>	CE / UL / CSA
<b>size of the circuit-breaker</b>	S00, S0, S2, S3
<b>closing active power at AC maximum</b>	13 W
<b>active power at AC in operation maximum</b>	2.4 W
<b>apparent power at AC in operation maximum</b>	7.2 VA
<b>insulation voltage</b>	
• rated value	690 V
• with degree of pollution 3 at AC rated value	690 V
<b>degree of pollution</b>	3
protection class IP on the front according to IEC 60529	IP20
break time maximum	20 ms
<b>reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750</b>	F
<b>reference code according to EN 61346-2</b>	F
<b>Substance Prohibitance (day/month/year)</b>	05/01/2012
<b>Net Weight</b>	0.133 kg
<b>type of voltage of the control supply voltage</b>	AC
<b>control supply voltage 1 at AC</b>	
• at 50 Hz rated value	415 V
• at 60 Hz rated value	480 V
<b>control supply voltage frequency 1</b>	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
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• during operation	-20 ... +60 °C
• during storage	-50 ... +80 °C
<b>Electrical Safety</b>	
<b>protection class IP on the front according to IEC 60529</b>	IP20

touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
<b>Short-circuit protection</b>	
design of short-circuit protection	fuse
<b>Installation/ mounting/ dimensions</b>	
fastening method	snap-on mounting
height	90 mm
width	19 mm
depth	68 mm
<b>Connections/ Terminals</b>	
type of electrical connection for auxiliary and control circuit	screw-type terminals
<b>Approvals Certificates</b>	
Environment	General Product Approval

[Environmental Confirmations](#)



Test Certificates	Maritime application
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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Maritime application	other
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[Confirmation](#)

[Miscellaneous](#)

[Confirmation](#)

[Miscellaneous](#)

other	Railway
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[Special Test Certificate](#)

**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=3RV2902-1AV1>

Cax online generator

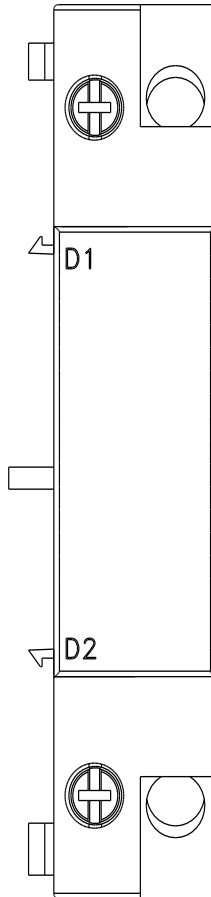
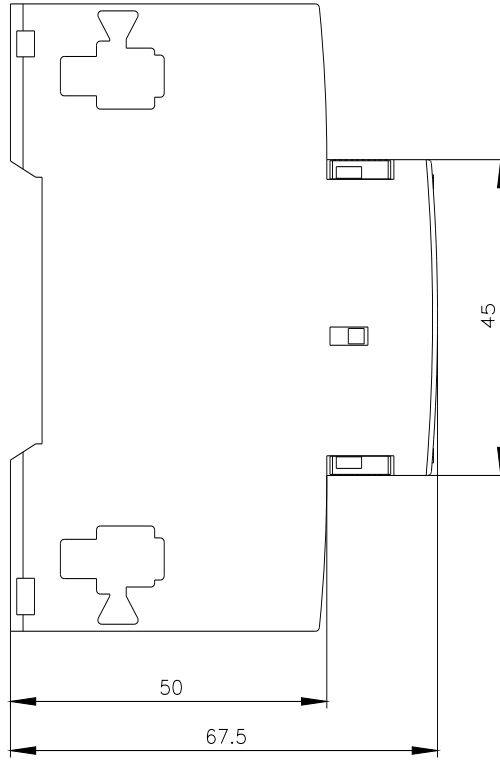
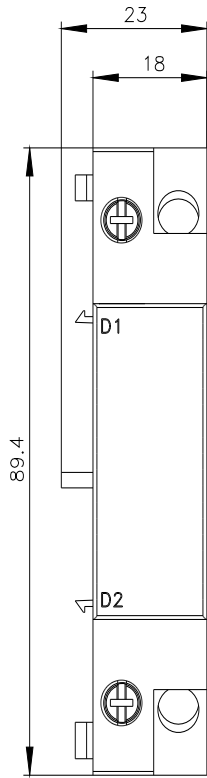
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2902-1AV1>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RV2902-1AV1>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RV2902-1AV1&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2902-1AV1&lang=en)





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