



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 with spring-type terminal for circuit breaker 3RV2

product brand name	SIRIUS
product designation	shunt release
suitability for use	motor circuit breaker
<b>General technical data</b>	
size of the circuit-breaker	S00, S0, S2, S3
closing power at DC minimum	13 W
insulation voltage	
• rated value	690 V
• with degree of pollution 3 at AC rated value	690 V
degree of pollution	3
break time maximum	20 ms
certificate of suitability	CE / UL / CSA
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 (Date)	05/01/2012
type of voltage of the control supply voltage	AC
control supply voltage 1 at AC	
• at 50 Hz	20 ... 24 V
• at 60 Hz	20 ... 24 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
<b>Ambient conditions</b>	
ambient temperature	
• during operation	-20 ... +60 °C
• during storage	-50 ... +80 °C
<b>Safety related data</b>	
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
<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		
Connections/ Terminals			
type of electrical connection for auxiliary and control circuit	spring-loaded terminals		
Approvals Certificates			
General Product Approval		Declaration of Conformity	Test Certificates

[Confirmation](#)



[Special Test Certificate](#)

Test Certificates

Marine / Shipping

[Type Test Certificates/Test Report](#)



Marine / Shipping

other

Railway



[Confirmation](#)



[Vibration and Shock](#)

#### Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3RV2902-2DB0>

Cax online generator

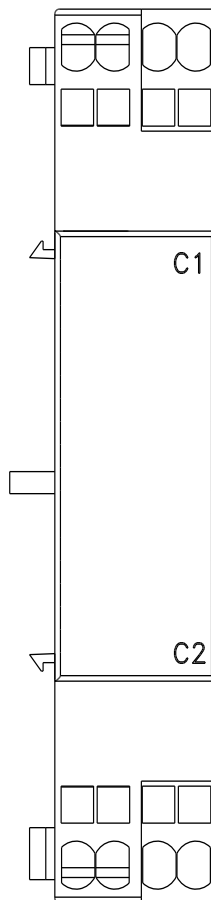
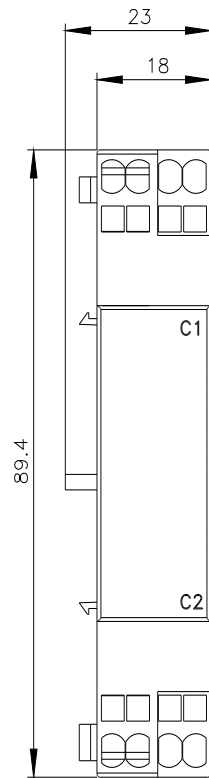
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2902-2DB0>

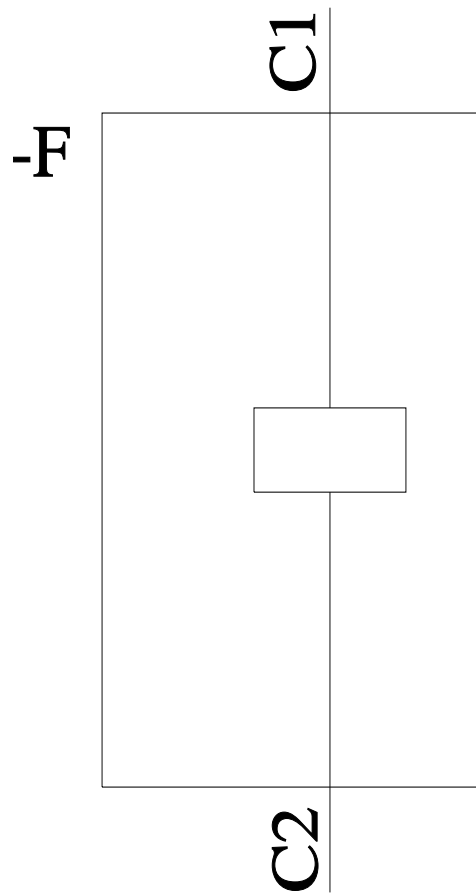
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RV2902-2DB0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RV2902-2DB0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2902-2DB0&lang=en)





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