



signaling switch for circuit breaker 3RV2 with screw terminal

<b>product brand name</b>	SIRIUS
<b>product category</b>	Auxiliary switch
<b>product designation</b>	signaling switch
<b>design of the product</b>	separate tripped signal and short circuit alarm, 1 NO + 1 NC each
<b>General technical data</b>	
<b>certificate of suitability</b>	CE / UL / CSA / CCC
<b>size of the circuit-breaker</b>	S00, S0, S2, S3
<b>display version LED</b>	No
<b>insulation voltage rated value</b>	690 V
<b>degree of pollution</b>	3
<b>surge voltage resistance rated value</b>	6 kV
<b>protection class IP on the front</b>	
• according to IEC 60529	IP20
•	IP20
<b>reference code according to IEC 81346-2</b>	Q
<b>Substance Prohibition (Date)</b>	10/01/2009
<b>Weight</b>	0.102 kg
number of NC contacts for auxiliary contacts instantaneous contact	1
number of NO contacts for auxiliary contacts instantaneous contact	1
number of CO contacts of auxiliary contacts instantaneous contact	0
operational current at AC-15 at 690 V rated value	1 A
<b>operational current of auxiliary contacts at AC-12</b>	
• at 24 V	10 A
• at 230 V	10 A
• at 400 V	10 A
• at 690 V	10 A
<b>operational current of auxiliary contacts at AC-12 maximum</b>	10 A
<b>operational current of auxiliary contacts at AC-15</b>	
• at 24 V	6 A
• at 230 V	4 A
• at 400 V	3 A
<b>operational current of auxiliary contacts at DC-13</b>	
• at 24 V	2 A
• at 110 V	0.5 A
• at 220 V	0.25 A
• at 250 V	0.25 A
<b>Ambient conditions</b>	
<b>ambient temperature</b>	

- during operation -20 ... +60 °C
- during storage -50 ... +80 °C

### Environmental footprint

Environmental Product Declaration(EPD)	Yes
Global Warming Potential [CO2 eq] total	4.44 kg
Global Warming Potential [CO2 eq] during manufacturing	0.238 kg
Global Warming Potential [CO2 eq] during operation	4.2 kg
Global Warming Potential [CO2 eq] after end of life	0.0053 kg

### Electrical Safety

<b>protection class IP on the front according to IEC 60529</b>	IP20
<b>touch protection on the front according to IEC 60529</b>	finger-safe, for vertical contact from the front

### Installation/ mounting/ dimensions

<b>fastening method</b>	plug-in fixing
<b>height</b>	90 mm
<b>width</b>	18 mm
<b>depth</b>	68 mm

### Connections/ Terminals

type of electrical connection for auxiliary and control circuit	screw-type terminals
<b>connectable conductor cross-section for auxiliary contacts</b>	
• solid or stranded	0.5 ... 2.5 mm <sup>2</sup>
• finely stranded with core end processing	0.5 ... 2.5 mm <sup>2</sup>
<b>type of connectable conductor cross-sections</b>	
• for auxiliary contacts	
— solid	2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )
— finely stranded with core end processing	2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )
• for AWG cables for auxiliary contacts	2x (18 ... 14)
AWG number as coded connectable conductor cross section for auxiliary contacts	18 ... 14

### Approvals Certificates

#### General Product Approval



[Confirmation](#)



[KC](#)

General Product Approval	Test Certificates	Marine / Shipping
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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping	other
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[Miscellaneous](#)

[Confirmation](#)



Railway	Environment
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[Special Test Certificate](#)

[Confirmation](#)



[Environmental Confirmations](#)

### Further information

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=3RV2921-1M>

Cax online generator

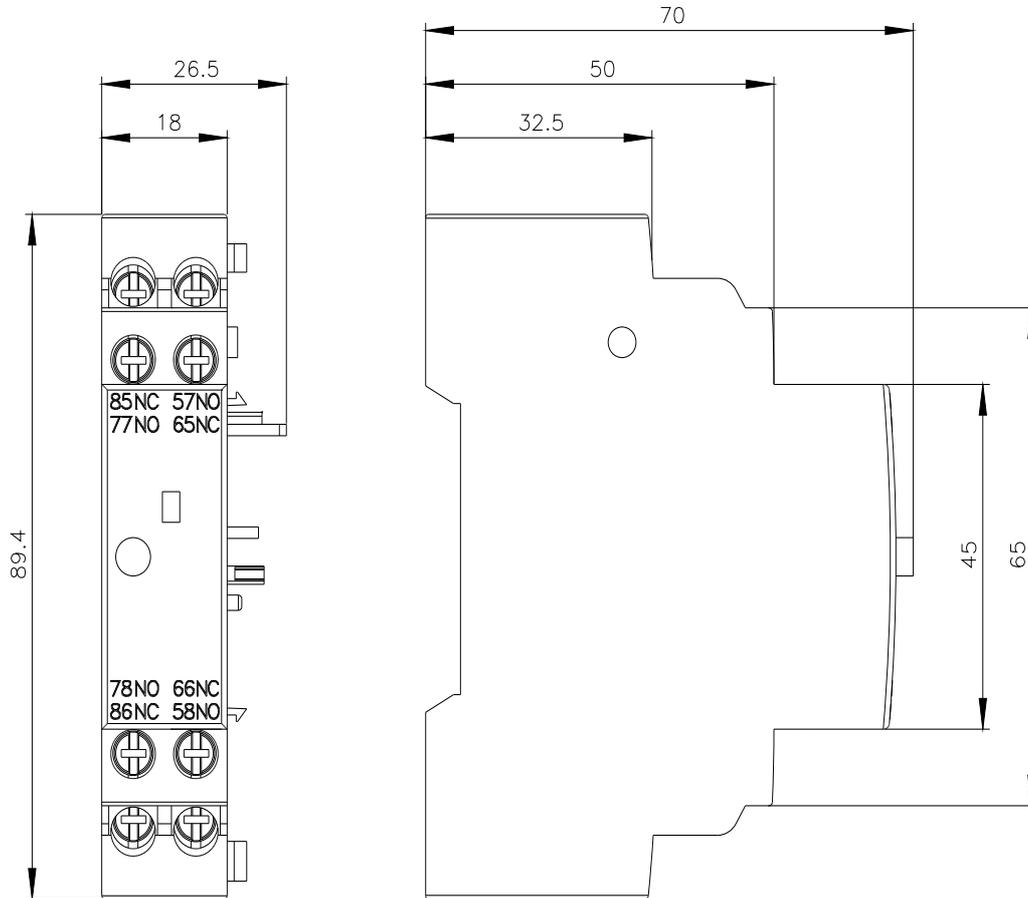
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2921-1M>

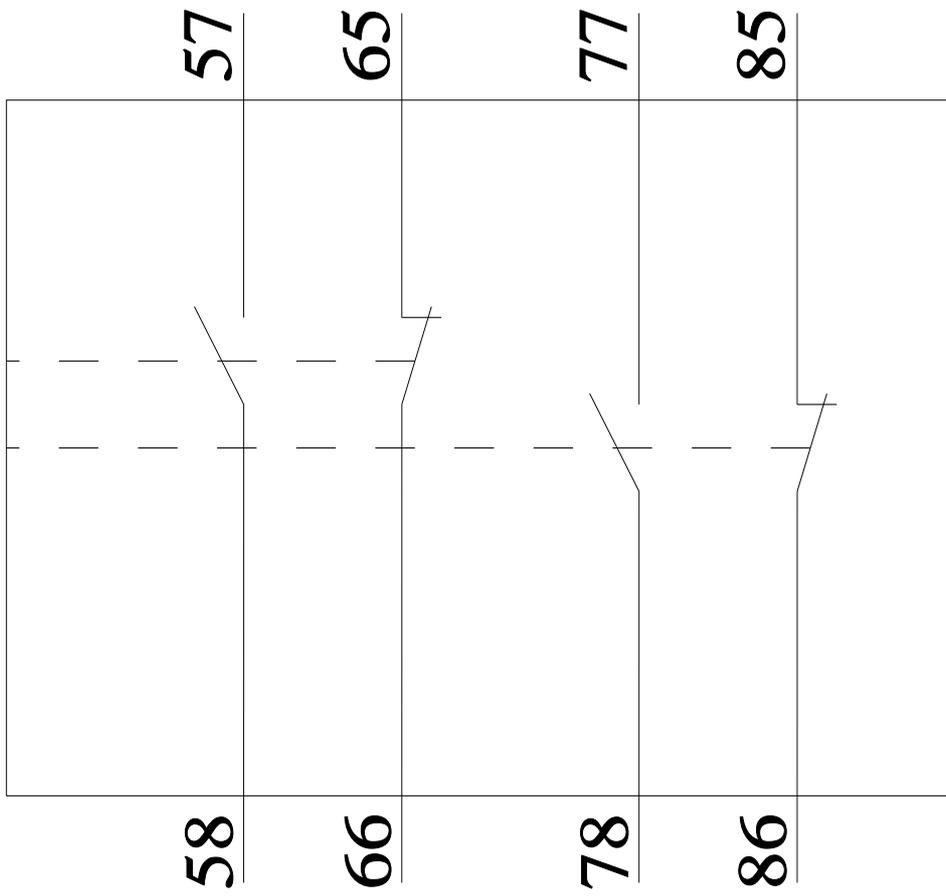
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RV2921-1M>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RV2921-1M&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2921-1M&lang=en)





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