

Auxiliary switch can be mounted on the side 2 NC, screw terminal for circuit breaker 3RV2

product brand name	SIRIUS
product category	Auxiliary switch
product designation	auxiliary switch
design of the product	lateral auxiliary switches
product type designation	3RV29
<b>General technical data</b>	
certificate of suitability	CE / UL / CSA / CCC
size of the circuit-breaker	S00, S0, S2, S3
display version LED	No
insulation voltage rated value	690 V
degree of pollution	3
surge voltage resistance rated value	6 kV
protection class IP on the front	
• according to IEC 60529	IP20
•	IP20
reference code according to IEC 81346-2	Q
Substance Prohibition (day/month/year)	10/01/2009
Net Weight	0.047 g
number of NC contacts for auxiliary contacts instantaneous contact	2
number of NO contacts for auxiliary contacts instantaneous contact	0
number of CO contacts of auxiliary contacts instantaneous contact	0
operational current at AC-15 at 690 V rated value	1 A
operational current of auxiliary contacts at AC-12	
• at 24 V	10 A
• at 230 V	10 A
• at 400 V	10 A
• at 690 V	10 A
operational current of auxiliary contacts at AC-12 maximum	10 A
operational current of auxiliary contacts at AC-15	
• at 24 V	6 A
• at 230 V	4 A
• at 400 V	3 A
operational current of auxiliary contacts at DC-13	
• 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>	
ambient temperature	
• during operation	-20 ... +60 °C
• during storage	-50 ... +80 °C
<b>Electrical Safety</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>Installation/ mounting/ dimensions</b>	
fastening method	plug-in fixing
height	90 mm

<b>width</b>	9.5 mm
<b>depth</b>	70 mm
<b>Connections/ Terminals</b>	
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 (20 ... 14)
<b>AWG number as coded connectable conductor cross section for auxiliary contacts</b>	20 ... 14

**Approvals Certificates**

<b>Environmental Product Declaration</b>	
• 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
• global warming potential [CO2 eq] / total	4.44 kg

**Environment      General Product Approval**

[Environmental Confirmations](#)



**General Product Approval      Test Certificates      Maritime application**



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



**Maritime application      other**



[Confirmation](#)

[Miscellaneous](#)

**other      Railway**

[Confirmation](#)

[Miscellaneous](#)



[Special Test Certificate](#)

[Confirmation](#)

**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=3RV2901-1C>
- Cax online generator  
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2901-1C>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/3RV2901-1C>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)  
[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RV2901-1C&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2901-1C&lang=en)

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