

















Auxiliary switch can be mounted on the side 2 NC spring-type 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
General technical data	
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 Prohibittance (day/month/year)	10/01/2009
Net Weight	42.5 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

Ambient conditions		
ambient temperature		
<ul style="list-style-type: none"> during operation 	-20 ... +60 °C	
<ul style="list-style-type: none"> during storage 	-50 ... +80 °C	
Electrical Safety		
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	
Installation/ mounting/ dimensions		
fastening method	plug-in fixing	
height	90 mm	
width	9.5 mm	
depth	68 mm	
Connections/ Terminals		
type of electrical connection for auxiliary and control circuit	spring-loaded terminals	
connectable conductor cross-section for auxiliary contacts		
<ul style="list-style-type: none"> solid or stranded 	0.5 ... 2.5 mm ²	
<ul style="list-style-type: none"> finely stranded with core end processing 	0.5 ... 2.5 mm ²	
<ul style="list-style-type: none"> finely stranded without core end processing 	0.5 ... 1.5 mm ²	
type of connectable conductor cross-sections		
<ul style="list-style-type: none"> for auxiliary contacts <ul style="list-style-type: none"> — solid 	2x (0.5 ... 2.5 mm ²)	
<ul style="list-style-type: none"> — finely stranded with core end processing 	2x (0.5 ... 1.5 mm ²)	
<ul style="list-style-type: none"> — finely stranded without core end processing 	2x (0.5 ... 1.5 mm ²)	
<ul style="list-style-type: none"> for AWG cables for auxiliary contacts 	2x (20 ... 14)	
AWG number as coded connectable conductor cross section for auxiliary contacts	20 ... 14	
Approvals Certificates		
Environmental Product Declaration		
<ul style="list-style-type: none"> global warming potential [CO2 eq] / during manufacturing 	0.238 kg	
<ul style="list-style-type: none"> global warming potential [CO2 eq] / during operation 	4.2 kg	
<ul style="list-style-type: none"> global warming potential [CO2 eq] / after end of life 	0.0053 kg	
<ul style="list-style-type: none"> 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	
   	Miscellaneous	Confirmation
other	Railway	
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=3RV2901-2C>

Cax online generator

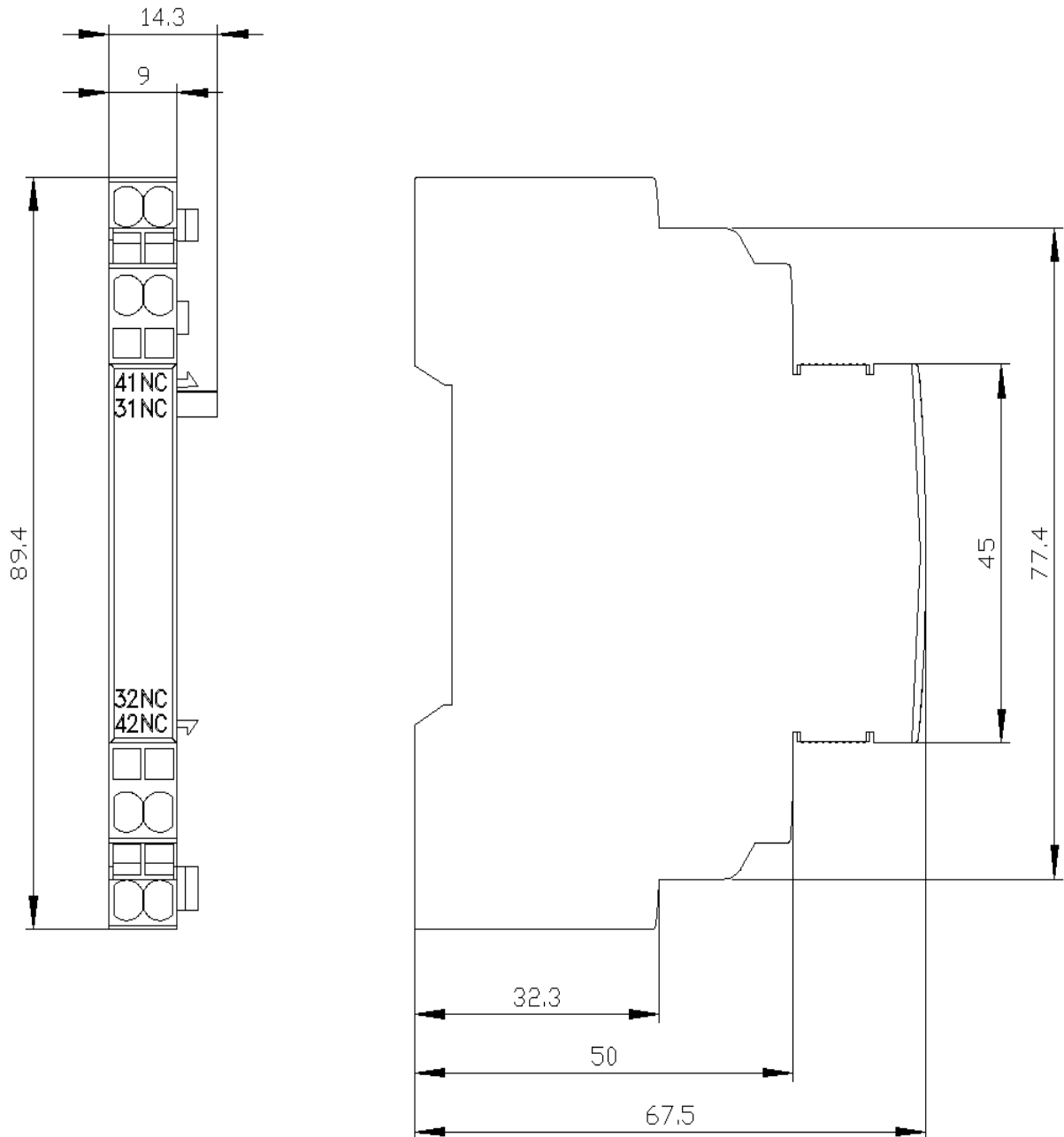
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2901-2C>

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

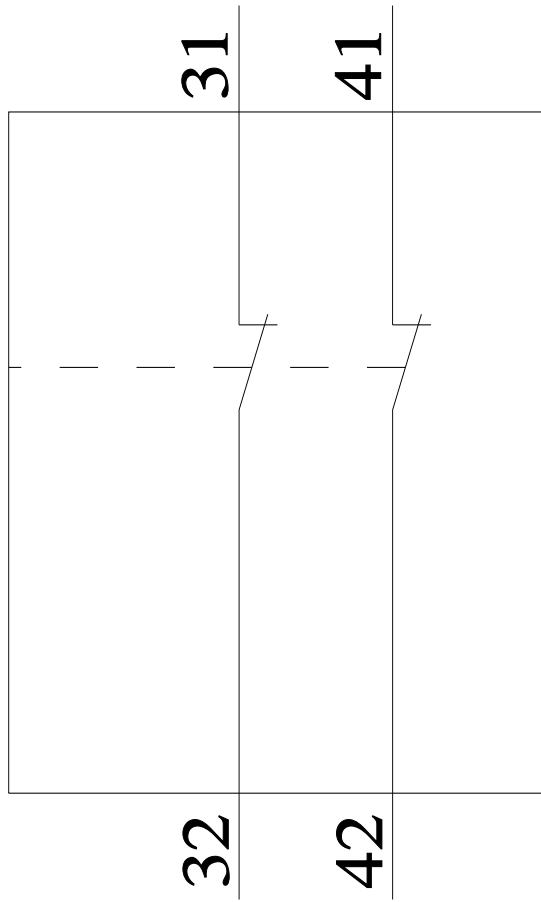
<https://support.industry.siemens.com/cs/ww/en/ps/3RV2901-2C>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2901-2C&lang=en







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