



signaling switch for circuit breaker 3RV2 with spring-type terminal

product brand name	SIRIUS
product category	Auxiliary switch
product designation	signaling switch
design of the product	separate tripped signal and short circuit alarm, 1 NO + 1 NC each
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	96 g
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
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 - during operation - during storage	-20 ... +60 °C -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	18 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 - solid or stranded - finely stranded with core end processing - finely stranded without core end processing	0.5 ... 2.5 mm² 0.5 ... 2.5 mm² 0.5 ... 1.5 mm²	
type of connectable conductor cross-sections - for auxiliary contacts - solid - finely stranded with core end processing - for AWG cables for auxiliary contacts	2x (0.5 ... 1.5 mm²) 2x (0.5 ... 1.5 mm²) 2x (20 ... 14)	
AWG number as coded connectable conductor cross section for auxiliary contacts	20 ... 14	
Approvals Certificates		
Environmental Product Declaration - global warming potential [CO2 eq] / during manufacturing - global warming potential [CO2 eq] / during operation - global warming potential [CO2 eq] / after end of life - global warming potential [CO2 eq] / total		
0.238 kg 4.2 kg 0.0053 kg 4.44 kg		
Environment	General Product Approval	
Environmental Confirmations	    	
General Product Approval	Test Certificates	Maritime application
 	Special Test Certificate Type Test Certificates/Test Report	 
Maritime application	other	
   	Miscellaneous	Confirmation
other	Railway	
Miscellaneous		Confirmation 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=3RV2921-2M>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2921-2M>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RV2921-2M>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2921-2M&lang=en



