



signaling switch for circuit breaker 3RV2 with screw 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 Prohibitance (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	screw-type terminals	
connectable conductor cross-section for auxiliary contacts - solid or stranded - finely stranded with core end processing	0.5 ... 2.5 mm² 0.5 ... 2.5 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 (0.75 ... 2.5 mm²) 2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²) 2x (18 ... 14)	
AWG number as coded connectable conductor cross section for auxiliary contacts	18 ... 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 Miscellaneous
other	Railway	
	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=3RV2921-1M>
Cax online generator
<https://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, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2921-1M&lang=en



