



Auxiliary switch can be mounted on the side 1 NO+1 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
General technical data	
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	IP20
reference code according to IEC 81346-2	Q
Substance Prohibittance (Date)	10/01/2009
Weight	0.045 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
operational current of auxiliary contacts at AC-12 <ul style="list-style-type: none"><li>• at 24 V</li><li>• at 230 V</li><li>• at 400 V</li><li>• at 690 V</li></ul>	10 A 10 A 10 A 10 A
operational current of auxiliary contacts at AC-12 maximum	10 A
operational current of auxiliary contacts at AC-15 <ul style="list-style-type: none"><li>• at 24 V</li><li>• at 230 V</li><li>• at 400 V</li></ul>	6 A 4 A 3 A
operational current of auxiliary contacts at DC-13 <ul style="list-style-type: none"><li>• at 24 V</li><li>• at 110 V</li><li>• at 220 V</li><li>• at 250 V</li></ul>	2 A 0.5 A 0.25 A 0.25 A
Ambient conditions	
ambient temperature <ul style="list-style-type: none"><li>• during operation</li><li>• during storage</li></ul>	-20 ... +60 °C -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
<b>Electrical Safety</b>	
<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
<b>Installation/ mounting/ dimensions</b>	
<b>fastening method</b>	plug-in fixing
<b>height</b>	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 mm²
• finely stranded with core end processing	0.5 ... 2.5 mm²
<b>type of connectable conductor cross-sections</b>	
• for auxiliary contacts	
— solid	2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)
— finely stranded with core end processing	2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)
• for AWG cables for auxiliary contacts	2x (20 ... 14)
AWG number as coded connectable conductor cross section for auxiliary contacts	20 ... 14
<b>Approvals Certificates</b>	
<b>General Product Approval</b>	



[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](#)

<b>Further information</b>
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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=3RV2901-1A>



