



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
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 Prohibitance (Date)	10/01/2009
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">at 24 Vat 230 Vat 400 Vat 690 V	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">at 24 Vat 230 Vat 400 V	6 A 4 A 3 A
operational current of auxiliary contacts at DC-13 <ul style="list-style-type: none">at 24 Vat 110 Vat 220 Vat 250 V	2 A 0.5 A 0.25 A 0.25 A
Ambient conditions	
ambient temperature <ul style="list-style-type: none">during operationduring storage	-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
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	0.5 ... 2.5 mm²
• finely stranded with core end processing	0.5 ... 2.5 mm²
type of connectable conductor cross-sections	
• 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 (18 ... 14)
AWG number as coded connectable conductor cross section for auxiliary contacts	18 ... 14
Approvals Certificates	
General Product Approval	



EG-Konf.



[Confirmation](#)



CCC



UL

[KC](#)

General Product Approval

Test Certificates

Marine / Shipping



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



ABS



BUREAU
VERITAS



DNV

Marine / Shipping

other



LRS



PRS



RINA

[Miscellaneous](#)

[Confirmation](#)



VDE

Railway

Environment

[Special Test Certificate](#)

[Confirmation](#)



[Environmental Confirmations](#)

Further information

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=3RV2921-1M>

Cax online generator



