SIEMENS

Product data sheet 3RV2901-1D

TRANSVERSE AUX. SWITCH, 1CO,
SCREW CONNECTION, FOR CIRCUIT-BREAKERS,
SZ S00/S0

General technical data:		
product brand name		SIRIUS
product designation		auxiliary switch, transverse on the front
Design of the product		transverse auxiliary switches
Size of the circuit-breaker		S00
Protection class IP / on the front		IP20
Ambient temperature		
• during storage	°C	-50 … 80
• during the operating phase	°C	-20 … 60

Auxiliary circuit:		
Number of NC contacts / for auxiliary contacts		
• instantaneous switching		0
Number of NO contacts / for auxiliary contacts		
• instantaneous switching		0
Number of changeover contacts / of the auxiliary contacts		
• instantaneous switching		1
Operating current / of the auxiliary contacts		
• at AC-12		
• at 24 V	A	10
• at 230 V	A	10

subject to modifications
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• at 400 V	A	10
• at 690 V	A	10
• maximum	A	10
• at AC-15		
• at 24 V	A	4
• at 230 V	A	3
• at 690 V	A	0.5
• at 400 V	A	1.5
• at DC-13		
• at 24 V	A	1
• at 110 V	A	0.22
• at 125 V	A	0.22
• at 220 V	A	0.1
• at 250 V	A	0.1

Installation/mounting/dimensions:

Type of mounting		plug-in fixing
Width	mm	45
Height	mm	12
Depth	mm	17

Connections:

Design of the electrical connection		
• for auxiliary and control current circuit		screw-type terminals
Type of the connectable conductor cross-section		
• for auxiliary contacts		
• solid		2x (0.5 ... 1.5 mm2), 2x (0.75 ... 2.5 mm2)
• finely stranded		
• with conductor end processing		2x (0.5 ... 1.5 mm2), 2x (0.75 ... 2.5 mm2)
• for AWG conductors / for auxiliary contacts		2x (20 ... 14)

Certificates/approvals:

Verification of suitability	CE / UL / CSA / CCC

General Product Approval			**Test Certificates**	
CQC			Manufacturer	
Shipping Approval			**other**	
ABS	PRS	RINA	Manufacturer	other

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Further information:

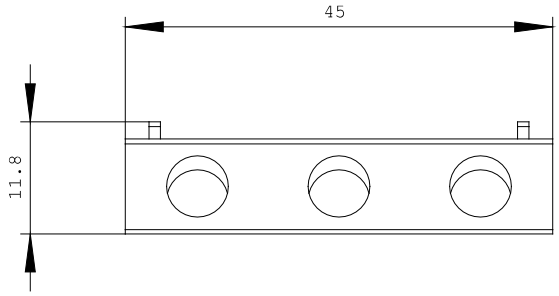
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

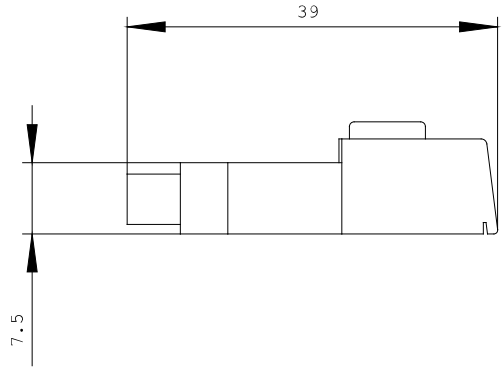
Industry Mall (Online ordering system)
http://www.siemens.com/industrial-controls/mall

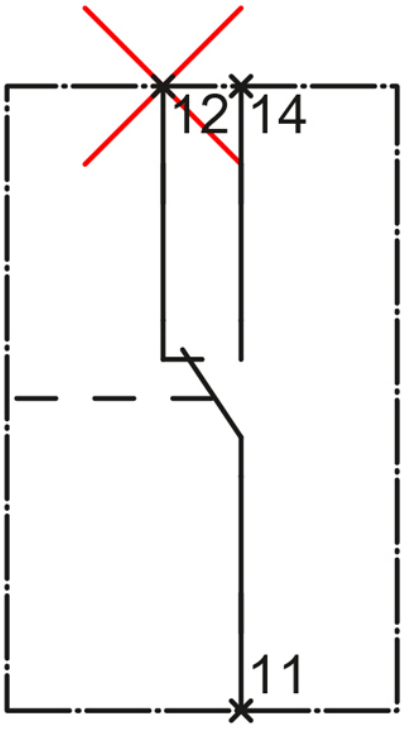
CAx-Online-Generator
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3RV2901-1D/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RV2901-1D







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