



LEADING CHANGEOVER SWITCH CHANGEOVER CONTACTS TYPE HQ (7MM) ACCESSORY FOR 3VA1 and 3VA20 up to 3VA25

Model	
product brand name	SETRON
product designation	Leading auxiliary switch
Product version	Accessories for 3VA circuit breakers
Accessories	Leading auxiliary switch
General technical data	
Degree of pollution	3
Overvoltage category	III
lead time / relating to main contacts	20 ms
Voltage	
rated insulation voltage $U_i$	690 V
Tension assignée de tenue aux chocs	4 kV
Rated operational voltage $U_e$ at AC 50 Hz	240 V
Rated operational voltage $U_e$ with DC	250 V
Current	
Thermal current limit $I_{th}$	6 A
operational current	
• at AC-12 / at 12 V	6 A
• at AC-12 / at 24 V	6 A
• at AC-12 / at 48 V	6 A
• at AC-12 / at 125 V	6 A
• at AC-12 / at 220/240 V	6 A
• at DC-12 / at 12 V	6 A
• at DC-12 / at 24 V	4 A
• at DC-12 / at 48 V	2 A
• at DC-12 / at 110 V	0.5 A
• at DC-12 / at 250 V	0.25 A
• at DC-13 / at 12 V	1 A
• at DC-13 / at 24 V	0.8 A
• at DC-13 / at 48 V	0.4 A
• at DC-13 / at 110 V	0.2 A
• at DC-13 / at 250 V	0.1 A
• at AC-15 / at 12 V	3 A
• at AC-15 / at 24 V	3 A
• at AC-15 / at 48 V	3 A
• at AC-15 / at 125 V	3 A
• at AC-15 / at 220/240 V	3 A

Mechanical Design	
Height	56 mm
Width	7 mm
width / note	1 slot (7 mm)
depth	30 mm
net weight	30 g
tightening torque / with screw-type terminals / minimum	0.4 N·m
tightening torque / with screw-type terminals / maximum	0.5 N·m

Connections according IEC	
stripped length	15 mm
AWG number / as coded connectable conductor cross section / for auxiliary contacts	
• minimum	20
• maximum	16

Connections according UL	
stripped length [in]	0.6 in
tightening torque [lbf·in] / with screw-type terminals / minimum	3.5 lbf·in
tightening torque [lbf·in] / with screw-type terminals / maximum	4.4 lbf·in

#### Further information

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA9988-0AA22>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9988-0AA22>

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

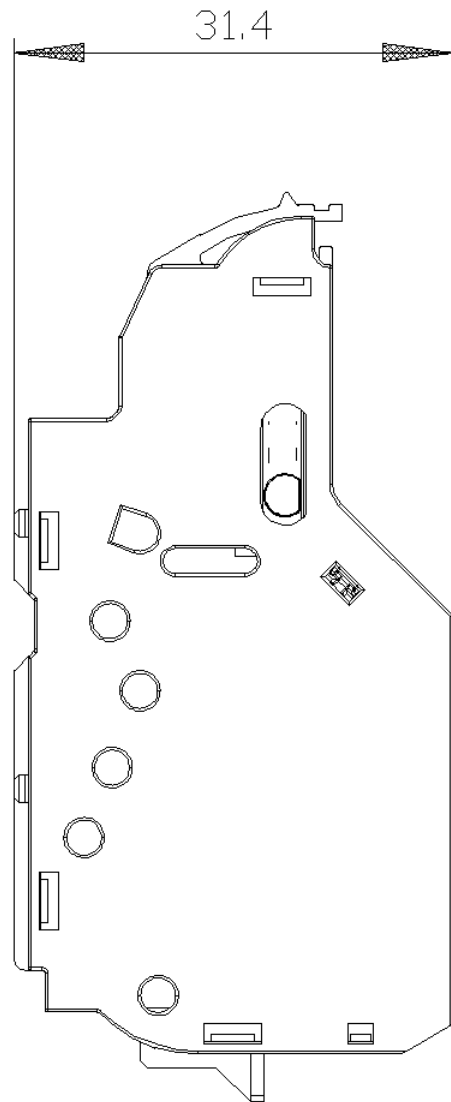
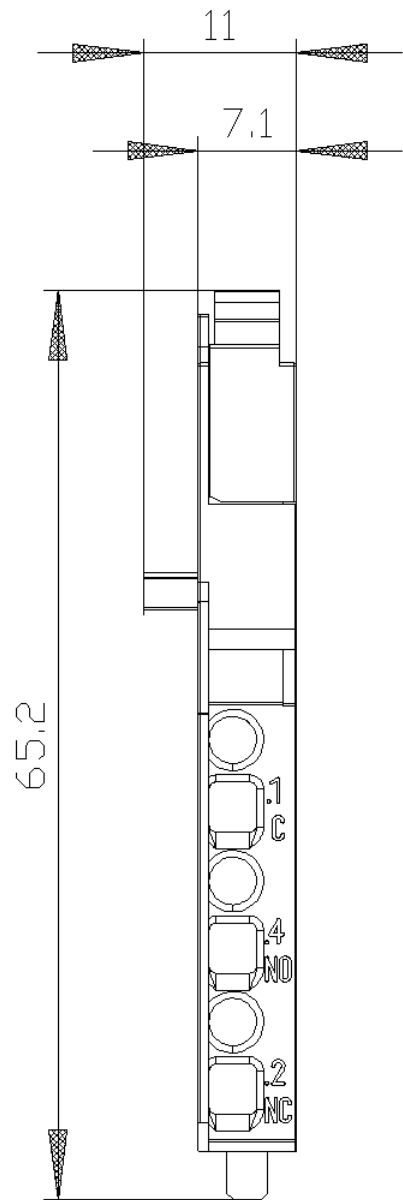
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9988-0AA22](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9988-0AA22)

##### CAX-Online-Generator

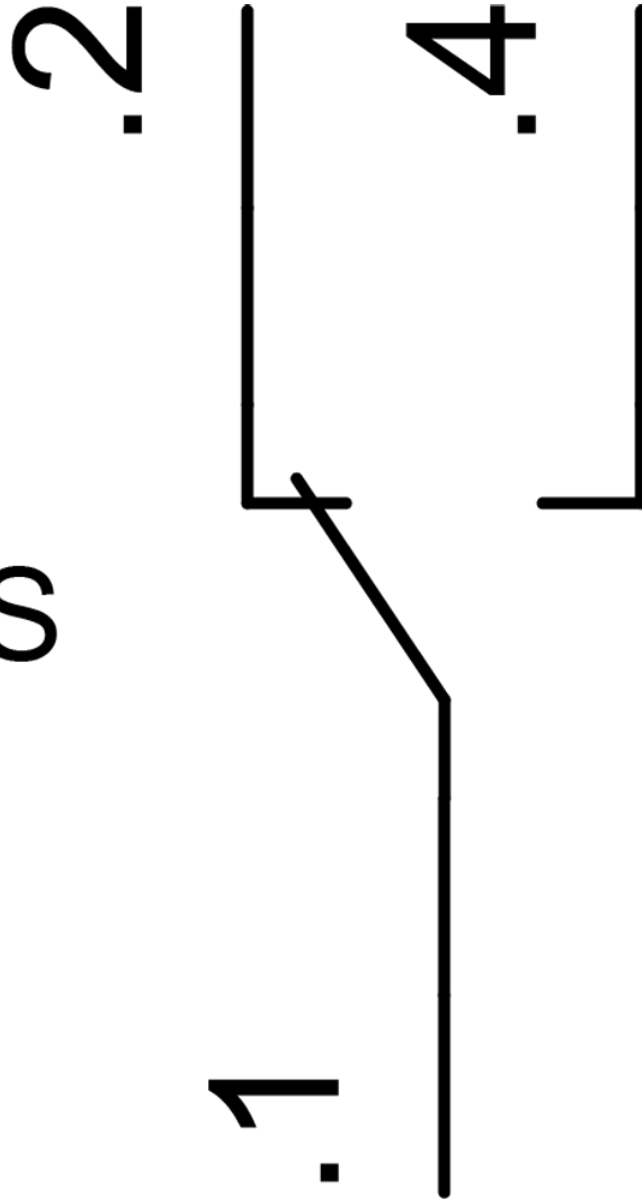
<http://www.siemens.com/cax>

##### Tender specifications

<http://www.siemens.com/specifications>



LCS



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