



auxiliary switch changeover contacts type HQ (7mm) accessory for:  
3VA4/5/6

Model	
product brand name	SETRON
product designation	auxiliary switch
Product version	Accessories for 3VA circuit breakers
Accessories	Auxiliary switch
General technical data	
Degree of pollution	3
Overvoltage category	III
Voltage	
Tension assignée de tenue aux chocs	4 kV
operating voltage / at AC / acc. to CSA and UL	300 V
operating voltage / at DC / acc. to CSA and UL	250 V
Rated operational voltage U <sub>e</sub> at AC 50 Hz	240 V
Rated operational voltage U <sub>e</sub> with DC	250 V
Current	
Thermal current limit I <sub>th</sub>	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	
tightening torque / with screw-type terminals / minimum	0.4 N·m

tightening torque / with screw-type terminals / maximum	0.5 N·m
<b>Connections according IEC</b>	
stripped length	15 mm
AWG number / as coded connectable conductor cross section / for auxiliary contacts	
• minimum	20
• maximum	16
<b>Connections according UL</b>	
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
<b>Further information</b>	

**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=3VA9978-0AA12>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9978-0AA12>

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

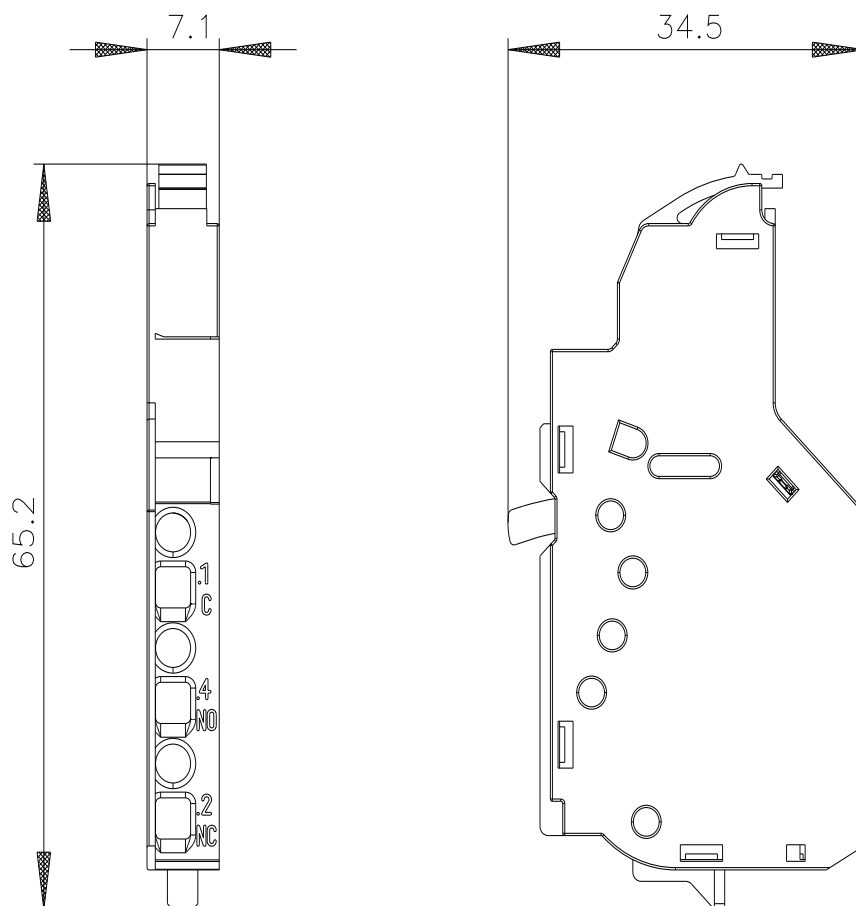
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9978-0AA12](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9978-0AA12)

**CAX-Online-Generator**

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

**Tender specifications**

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

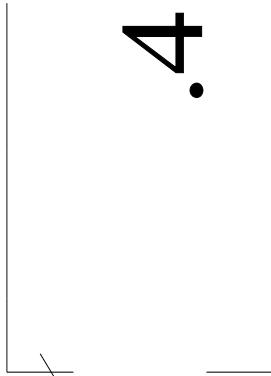


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last modified:

12/20/2020 

