



leading changeover switch changeover contacts Type HQ (7 mm) electronic-comp.
accessory for: 3VA4; 3VA51-55; 3VA61-66

Model	
product brand name	SETRON
product designation	Leading auxiliary switch
accessories	Leading auxiliary switch
General technical data	
degree of pollution	3
overvoltage category	III
lead time / relating to main contacts	20 ms
Voltage	
surge voltage resistance	4 kV
operating voltage / at AC / according to CSA and UL	24 V
operating voltage / at DC / according to CSA and UL	24 V
operating voltage / at AC / at 50 Hz / rated value / minimum	24 V
operating voltage / at DC / rated value / minimum	24 V
Current	
thermal current	0.3 A
operational current	
• at AC-12 / at 12 V	0.3 A
• at AC-12 / at 24 V	0.3 A
• at DC-12 / at 12 V	0.1 A
• at DC-12 / at 24 V	0.1 A
• at DC-13 / at 12 V	0.07 A
• at DC-13 / at 24 V	0.07 A
• at AC-15 / at 12 V	0.3 A
• at AC-15 / at 24 V	0.3 A
Mechanical Design	
Net Weight	26 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
connectable conductor cross-section	
• minimum	0.5 ... 1.5
• maximum	
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

Certificates

General Product Approval



[Miscellaneous](#)

General Product Approval	EMV	Test Certificates	Maritime application	other
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[Type Test Certificates/Test Report](#)



[Confirmation](#)

[Miscellaneous](#)

Environment

[Environmental Conformations](#)

[Environmental Conformations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA9978-0AA23>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9978-0AA23>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9978-0AA23

CAX-Online-Generator

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

Tender specifications

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



