SIEMENS

Data sheet 3VA9988-0AA21



leading changeover switch, changeover contacts type HP (14 mm) accessory for: 3VA11-15; 3VA20-26

Model	
product brand name	SENTRON
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	6 kV
operating voltage / at AC / at 50 Hz / rated value / minimum	600 V
operating voltage / at DC / rated value / minimum	250 V
Current	
thermal current	10 A
operational current	
● at AC-12 / at 12 V	10 A
● at AC-12 / at 24 V	10 A
● at AC-12 / at 48 V	10 A
● at AC-12 / at 125 V	10 A
● at AC-12 / at 220/240 V	10 A
● at AC-12 / at 380/400 V	6 A
● at AC-12 / at 400 V	6 A
● at AC-12 / at 600 V	2 A
● at DC-12 / at 12 V	6 A
● at DC-12 / at 24 V	6 A
● at DC-12 / at 48 V	2 A
● at DC-12 / at 110 V	0.6 A
● at DC-12 / at 250 V	0.3 A
● at DC-13 / at 12 V	3 A
● at DC-13 / at 24 V	3 A
● at DC-13 / at 48 V	0.8 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	6 A
● at AC-15 / at 24 V	6 A
● at AC-15 / at 48 V	6 A
● at AC-15 / at 125 V	6 A
● at AC-15 / at 220/240 V	6 A
● at AC-15 / at 380/400 V	2 A

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● at AC-15 / at 600 V	0.6 A
Mechanical Design	
height	56 mm
width	14 mm
depth	30 mm
Net Weight	37 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	0.75 ... 2.5
● maximum	
AWG number / as coded connectable conductor cross section / for auxiliary contacts	
● minimum	19
● maximum	14
Connetctions 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

CCC VDE Miscellaneous EG-Konf.

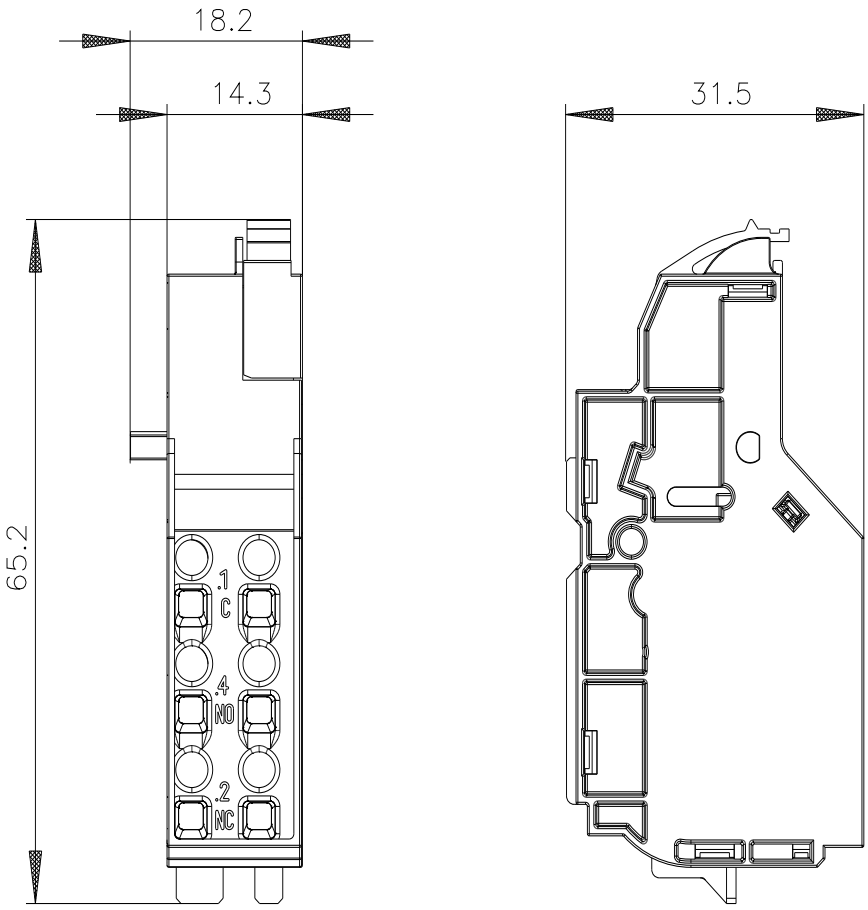
General Product Approval		EMV	Test Certificates	Maritime application	other
Confirmation		RCM	Type Test Certificates/Test Report	LRS	Miscellaneous

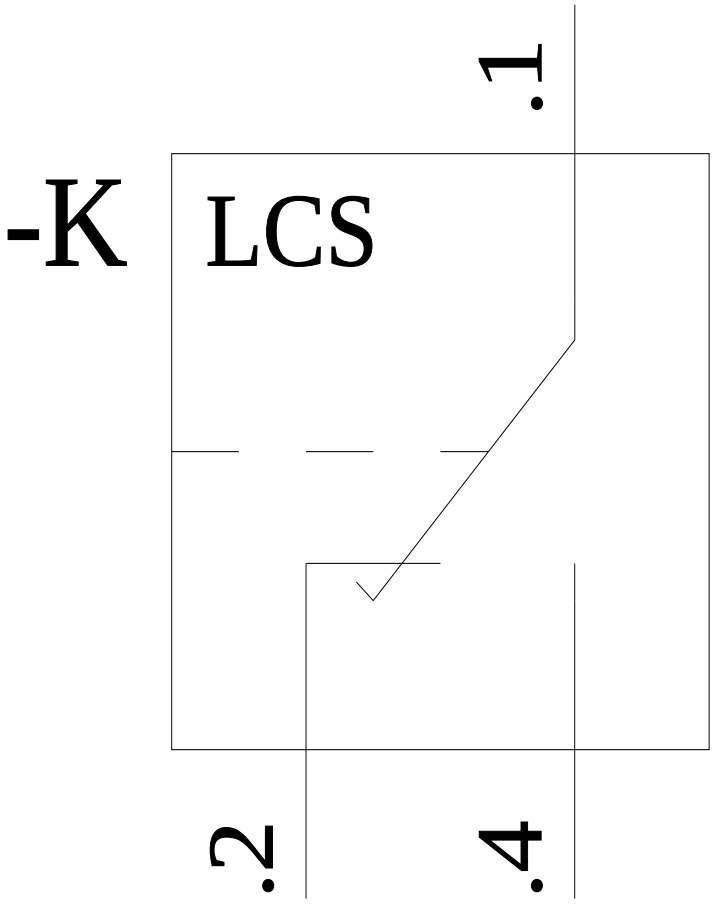
other	Environment	
Confirmation	Environmental Confirmations	Environmental Confirmations

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=3VA9988-0AA21
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3VA9988-0AA21
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9988-0AA21
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications

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