## **SIEMENS**

Data sheet 3VA9977-0KB00



position signaling switch accessory for: plug-in and draw-out unit

Model		
product brand name	SENTRON	
product designation	Position signaling switch	
design of the product	Accessories plug-in/draw-out unit	
accessories	Position signaling switch	
General technical data		
degree of pollution	3	
overvoltage category	III	
Voltage		
surge voltage resistance	4 kV	
operating voltage / at AC / according to CSA and UL	240 V	
operating voltage / at DC / according to CSA and UL	250 V	
operating voltage / at AC / at 50 Hz / rated value / minimum	240 V	
operating voltage / at DC / rated value / minimum	250 V	
Current		
thermal current	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	3 A	
• at DC-12 / at 48 V	1 A	
• at DC-12 / at 110 V	0.5 A	
• at DC-12 / at 250 V	0.25 A	
Mechanical Design		
height	43 mm	
width	8.5 mm	
depth	33 mm	
ambient temperature / during operation		
• minimum	-25 °C	
• maximum	70 °C	
tightening torque / with screw-type terminals / minimum	0.4 N·m	
tightening torque / with screw-type terminals / maximum	0.5 N·m	
ambient temperature / during storage		
• minimum	-40 °C	
maximum	80 °C	
Connections according IEC		

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

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

## Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

## Information on the packaging

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

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=3VA9977-0KB00

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

https://support.industry.siemens.com/cs/ww/en/ps/3VA9977-0KB00

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

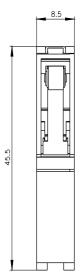
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VA9977-0KB00

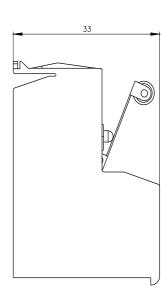
CAx-Online-Generator

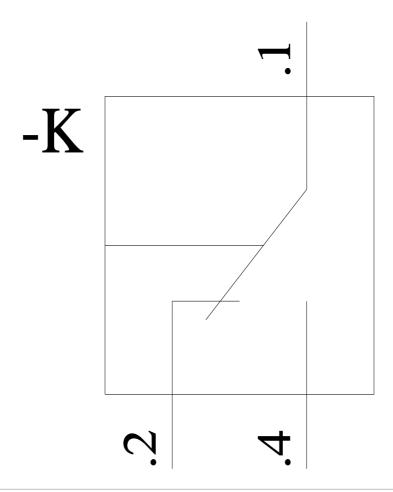
http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications







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