



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

Model	
product brand name	SETRON
product designation	Position signaling switch
Product version	Accessories plug-in/draw-out unit
Accessories	Position signaling switch
General technical data	
Degree of pollution	3
Overvoltage category	III
Voltage	
Tension assignée d'isolement $U_i$	240 V
Tension assignée de tenue aux chocs	4 kV
operating voltage / at AC / acc. to CSA and UL	240 V
operating voltage / at DC / acc. to CSA and UL	250 V
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	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
net weight	33 g
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
<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

**Certificates**

**General Product Approval**



[Miscellaneous](#)

[KC](#)



EMC	Declaration of Conformity	Shipping Approval	other
-----	---------------------------	-------------------	-------



[Manufacturer Declaration](#)

[Miscellaneous](#)

**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=3VA9977-0KB00>

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

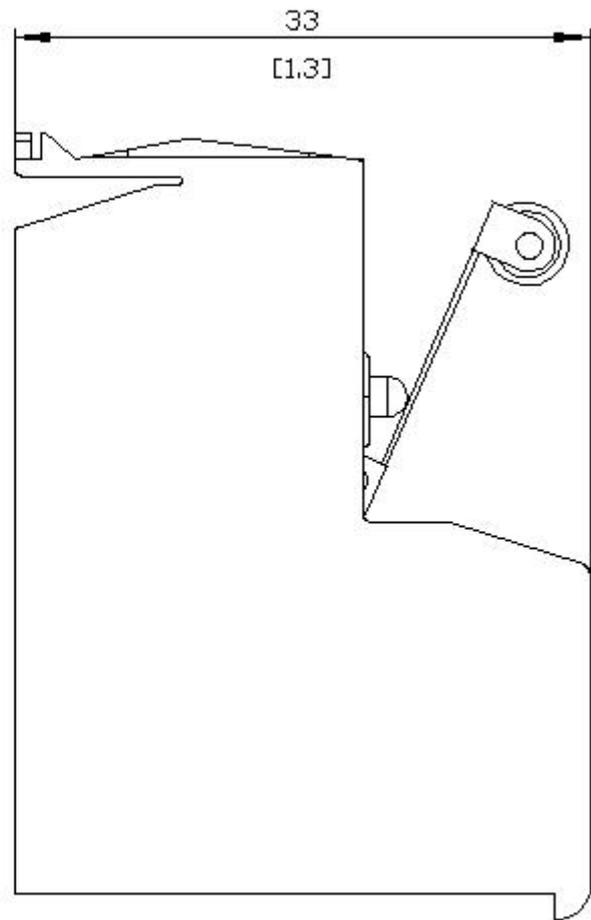
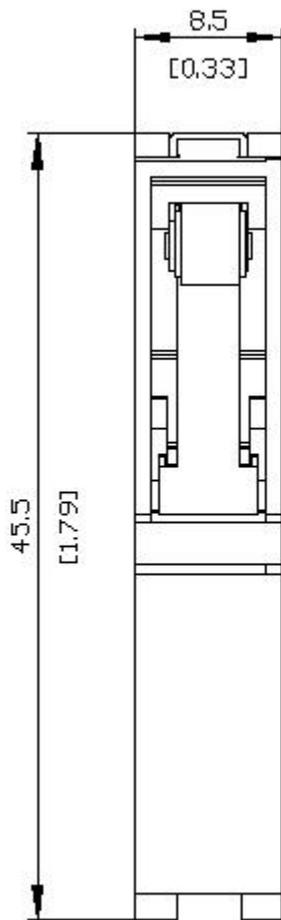
<https://support.industry.siemens.com/cs/ww/en/ps/3VA9977-0KB00>

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

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

Tender specifications

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



last modified:

12/20/2020 