



auxiliary circuit connector accessory for: all 3VA plug-in units

Model	
product brand name	SENTRON
product designation	Auxiliary circuit connector
Product version	Accessories for 3VA plug-in units
Accessories	Auxiliary circuit connector
General technical data	
Degree of pollution	3
Overvoltage category	III
Voltage	
Tension assignée d'isolement $U_i$	500 V
Tension assignée de tenue aux chocs	4 kV
operating voltage / at AC / acc. to CSA and UL	500 V
operating voltage / at DC / acc. to CSA and UL	250 V
Rated operational voltage $U_e$ at AC 50 Hz	500 V
Rated operational voltage $U_e$ with DC	250 V
Current	
Thermal current limit $I_{th}$	10 A
Mechanical Design	
Height	68 mm
Width	15 mm
depth	55 mm
net weight	55 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
Connections according IEC	
stripped length	15 mm
AWG number / as coded connectable conductor cross section / for auxiliary contacts	
• minimum	20
• maximum	14
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	EMC	Declaration of Conformity
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[Miscellaneous](#)



EG-Konf.

Declaration of Conformity	Shipping Approval	other
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LRS

[Manufacturer Declaration](#)

other

[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=3VA9977-0KP80>

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

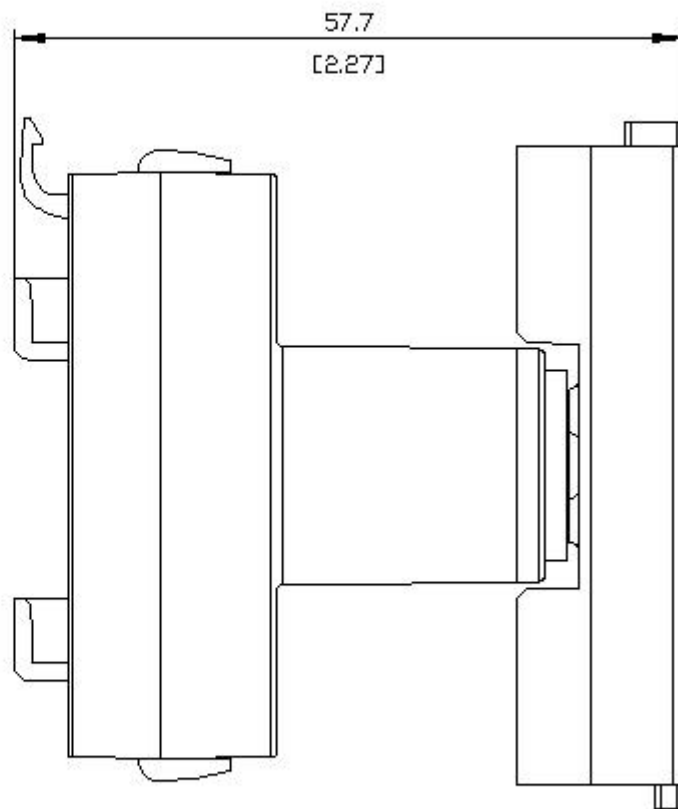
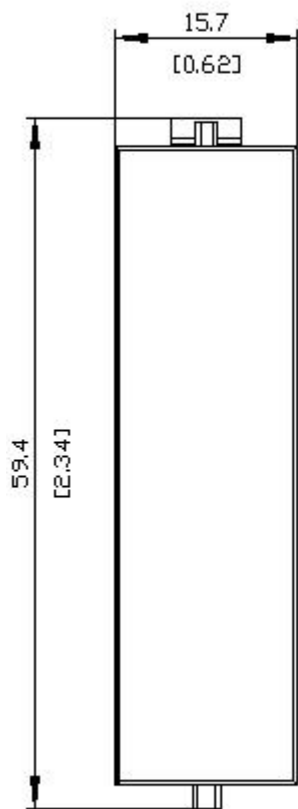
<https://support.industry.siemens.com/cs/ww/en/ps/3VA9977-0KP80>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9977-0KP80](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9977-0KP80)

Tender specifications

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



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