

AUXILIARY CIRCUIT CONNECTOR ACCESSORY FOR: ALL  
PLUG-IN UNITS 3VA



| Model  |                                   |
|--|-----------------------------------|
| Product brand name                             | SETRON                            |
| Product designation                            | Auxiliary circuit connector       |
| Design of the product                          | 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                             |
| Electricity                                    |                                   |
| Thermal current                                | 10 A                              |

| Mechanical Design                                       |         |
|---|---------|
| Height  | 68 mm   |
| Width   | 15 mm   |
| Depth   | 55 mm   |
| Net weight  | 55 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  |                     |
|--|---------------------|
| Wire stripping length  | 15 mm               |
| Connectable conductor cross-section  |                     |
| • minimum  | 0.5 mm <sup>2</sup> |
| • maximum  | 2.5 mm <sup>2</sup> |
| AWG number / as coded connectable conductor cross section / for auxiliary contacts |                     |
| • minimum  | 20                  |
| • maximum  | 14                  |

| Connections according UL   |            |
|--|------------|
| Wire stripping 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 | 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, ...)**

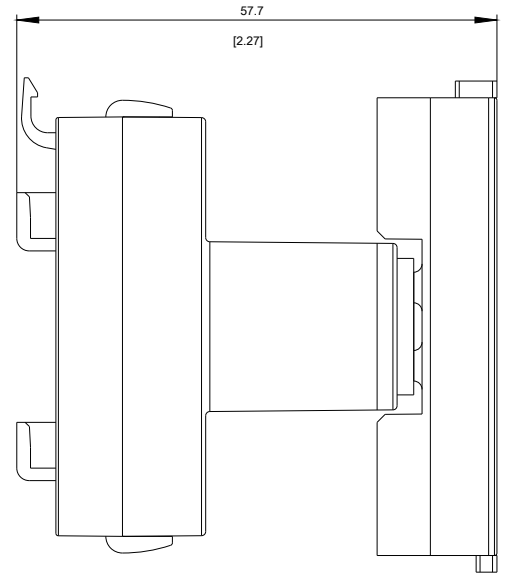
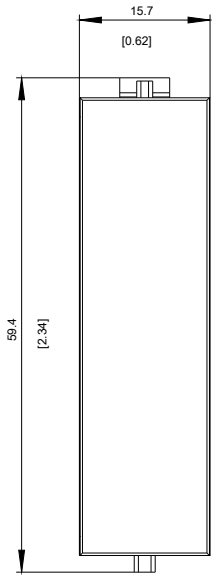
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9977-0KP80](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9977-0KP80)

**CAX-Online-Generator**

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

**Tender specifications**

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



**last modified:**

11/17/2017