

ACCESSORY FOR VL1250, VL1600, MOTOR OPERATOR 110-127V AC/DC



| Model                                                                 |                                                                    |
|-----------------------------------------------------------------------|--------------------------------------------------------------------|
| product brandname                                                     | SETRON                                                             |
| Type of the driving mechanism                                         | motorized operating mechanism                                      |
| General technical data                                                |                                                                    |
| Break time / typical                                                  | 5 s                                                                |
| Operating frequency / maximum                                         | 30 1/h                                                             |
| Voltage                                                               |                                                                    |
| Fuse protection type / for external auxiliary power supply / required | NEOZED fuse (gL/gG): 2 A / miniature circuit breaker, C char.: 2 A |
| Operating range factor control supply voltage rated value             |                                                                    |
| • at AC / at 60 Hz / initial value                                    | 0.85                                                               |
| • at AC / at 60 Hz / Full-scale value                                 | 1.1                                                                |
| • at DC / initial value                                               | 0.85                                                               |
| • at DC / Full-scale value                                            | 1.1                                                                |
| Protection class                                                      |                                                                    |
| Protection class IP                                                   | IP30                                                               |

|                                                                                     |                                |
|-------------------------------------------------------------------------------------|--------------------------------|
| <b>Electricity</b>                                                                  |                                |
| <b>Make time / typical</b>                                                          | 5 s                            |
| <b>Control current</b>                                                              |                                |
| <b>Operating apparent output</b>                                                    | 250 V·A                        |
| <b>Control supply voltage</b>                                                       |                                |
| • at DC / rated value / minimum                                                     | 127 V                          |
| • at DC / rated value / maximum                                                     | 110 V                          |
| • at AC / at 50 Hz / rated value / minimum                                          | 110 V                          |
| • at AC / at 50 Hz / rated value / maximum                                          | 127 V                          |
| • at AC / at 60 Hz / rated value / minimum                                          | 110 V                          |
| • at AC / at 60 Hz / rated value / maximum                                          | 127 V                          |
| <b>Operating range factor control supply voltage rated value / at AC / at 50 Hz</b> |                                |
| • initial value                                                                     | 0.85                           |
| • Full-scale value                                                                  | 1.1                            |
| <b>Accessories</b>                                                                  |                                |
| <b>accessories</b>                                                                  | Accessories for VL1250; VL1600 |
| <b>Connections</b>                                                                  |                                |
| <b>Connectable conductor cross-section / stranded</b>                               |                                |
| • minimum                                                                           | 0.75 mm <sup>2</sup>           |
| • maximum                                                                           | 1.5 mm <sup>2</sup>            |
| <b>Wire stripping length</b>                                                        | 10 mm                          |
| <b>Connectable conductor cross-section</b>                                          |                                |
| • solid                                                                             |                                |
| — minimum                                                                           | 0.75 mm <sup>2</sup>           |
| — maximum                                                                           | 1.5 mm <sup>2</sup>            |
| • finely stranded / with core end processing                                        |                                |
| — minimum                                                                           | 0.75 mm <sup>2</sup>           |
| — maximum                                                                           | 1.5 mm <sup>2</sup>            |
| <b>Tightening torque</b>                                                            |                                |
| • minimum                                                                           | 0.6 N·m                        |
| • maximum                                                                           | 0.8 N·m                        |
| <b>Mechanical Design</b>                                                            |                                |
| <b>Height</b>                                                                       | 230 mm                         |
| <b>Width</b>                                                                        | 215 mm                         |
| <b>Depth</b>                                                                        | 180 mm                         |
| <b>Net weight</b>                                                                   | 7 861 g                        |
| <b>Environmental conditions</b>                                                     |                                |
| <b>Ambient temperature</b>                                                          |                                |
| • during operation / minimum                                                        | -25 °C                         |

- during operation / maximum
- during storage / minimum
- during storage / maximum

70 °C  
-40 °C  
80 °C

## Certificates

### Equipment marking

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

M  
M

### General Product Approval

[sonstig](#)



C-Tick



EG-Konf.

[spezielle  
Prüfbescheinigung  
n](#)



### Shipping Approval



PRS



RINA



RMRS

### other

[Bestätigungen](#)

[Umweltbestätigung](#)

[sonstig](#)

## Further information

### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

### Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VL9800-3MN00>

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

<http://support.automation.siemens.com/WW/view/en/3VL9800-3MN00/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VL9800-3MN00](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL9800-3MN00)

### CAX-Online-Generator

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

### Tender specifications

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

