



accessory for VL1250, VL1600, motorized operating mechanism  
110...127V AC/DC

| Model   |  |
|---|--|
| product brand name  | SETRON   |
| product designation   | Motorized operating mechanism                                      |
| design of the product   | Accessories for VL1250; VL1600                                     |
| 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 DC / initial value   | 0.85   |
| • at DC / full-scale value  | 1.1  |
| • at AC / at 50 Hz / initial value                                    | 0.85   |
| • at AC / at 50 Hz / full-scale value                                 | 1.1  |
| • at AC / at 60 Hz / initial value                                    | 0.85   |
| • at AC / at 60 Hz / full-scale value                                 | 1.1  |
| Protection class  |  |
| protection class IP   | IP30   |
| Current   |  |
| make time / typical   | 5 s  |
| Control current   |  |
| operating apparent power  | 250 V·A  |
| control supply voltage  |  |
| • 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  |
| Accessories   |  |
| accessories   | Accessories for VL1250; VL1600                                     |
| pulse duration / minimum  | 50 ms  |
| Connections   |  |
| stripped length   | 10 mm  |
| connectable conductor cross-section / solid                           |  |

|   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>  | 0.75 mm <sup>2</sup><br>1.5 mm <sup>2</sup> |
| connectable conductor cross-section / stranded <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>                                   | 0.75 mm <sup>2</sup><br>1.5 mm <sup>2</sup> |
| connectable conductor cross-section / finely stranded / with core end processing <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul> | 0.75 mm <sup>2</sup><br>1.5 mm <sup>2</sup> |
| tightening torque <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>  | 0.6 N·m<br>0.8 N·m                          |

### Mechanical Design

|            |         |
|------------|---------|
| height     | 230 mm  |
| width      | 215 mm  |
| depth      | 180 mm  |
| net weight | 7 861 g |

### Environmental conditions

|   |                 |
|---|-----------------|
| ambient temperature / during operation <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul> | -25 °C<br>70 °C |
| ambient temperature / during storage <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>   | -40 °C<br>80 °C |

### Certificates

|  |        |
|--|--------|
| reference code <ul style="list-style-type: none"> <li>• acc. to DIN EN 61346-2</li> <li>• acc. to IEC 81346-2</li> </ul> | M<br>M |
|--|--------|

|                          |     |                           |                   |                   |
|--------------------------|-----|---------------------------|-------------------|-------------------|
| General Product Approval | EMC | Declaration of Conformity | Test Certificates | Marine / Shipping |
|--------------------------|-----|---------------------------|-------------------|-------------------|

[Miscellaneous](#)



[Special Test Certificate](#)



|                   |       |
|-------------------|-------|
| Marine / Shipping | other |
|-------------------|-------|



[Miscellaneous](#)

[Environmental Confirmations](#)

[Manufacturer Declaration](#)

### other

[Confirmation](#)

### 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?mfb=3VL9800-3MN00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VL9800-3MN00>

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>

