

box terminal 3 units accessory for: 3VA1 100/160



| Model                                                                           |                                            |
|---------------------------------------------------------------------------------|--------------------------------------------|
| Product brand name                                                              | SENTRON                                    |
| Product designation                                                             | accessories                                |
| Accessories                                                                     | Box terminal                               |
| General technical data                                                          |                                            |
| Designation / of the terminal                                                   | TS1.1                                      |
| Connections according IEC                                                       |                                            |
| IEC-marking / of terminals                                                      | NXB<br>1.5-70 mm <sup>2</sup><br>AWG14-3/0 |
| Connectable conductor cross-section                                             |                                            |
| • for copper cable / stranded / minimum                                         | 1.5 mm <sup>2</sup>                        |
| • for copper cable / stranded / maximum                                         | 70 mm <sup>2</sup>                         |
| Type of connectable conductor cross-sections / of the laminated conductor rails |                                            |
| • minimum                                                                       | 1 9 x 9 mm x 0.8 mm                        |
| • maximum                                                                       | 3 - 6x 13 mm x 0.5 mm                      |
| Wire stripping length                                                           | 12 mm                                      |

|                                                                           |                                               |
|---------------------------------------------------------------------------|-----------------------------------------------|
| Tightening torque / when using copper cables                              |                                               |
| • solid                                                                   | 1.5 - 16 mm²: 45 lb-in                        |
| <b>Connections according UL</b>                                           |                                               |
| UL-marking / of terminals                                                 | TS1.1<br>Xuebote                              |
| Wire stripping length                                                     | 0.5 in                                        |
| Connectable conductor cross-section                                       |                                               |
| • for copper cable / solid / minimum                                      | 14 AWG                                        |
| • for copper cable / solid / maximum                                      | 10 AWG                                        |
| • for copper cable / stranded / minimum                                   | 14 AWG                                        |
| • for copper cable / stranded / maximum                                   | 3/0 AWG                                       |
| • for copper cable / finely stranded / minimum                            | 14 AWG                                        |
| • for copper cable / finely stranded / maximum                            | 3/0 AWG                                       |
| • for copper cable / finely stranded / with core end processing / minimum | 14 AWG                                        |
| • for copper cable / finely stranded / with core end processing / maximum | 3/0 AWG                                       |
| Tightening torque / when using copper cables                              |                                               |
| • stranded                                                                | 14 - 6 AWG: 45 lb-in<br>4 AWG - 3/0: 70 lb-in |
| • finely stranded                                                         | 14 - 6 AWG: 45 lb-in<br>4 AWG - 3/0: 70 lb-in |

## Certificates

| General Product Approval                                                                   | EMC                                                                                        | Declaration of Conformity                                                                         | Test Certificates                                  |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <br>VDE | <br>EAC | <br>EG-Konf. | <a href="#">Type Test Certificates/Test Report</a> |

| Shipping Approval                                                                          | other                                    |
|--------------------------------------------------------------------------------------------|------------------------------------------|
| <br>LRS | <a href="#">Manufacturer Declaration</a> |

## 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=3VA9153-0JA11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9153-0JA11>

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

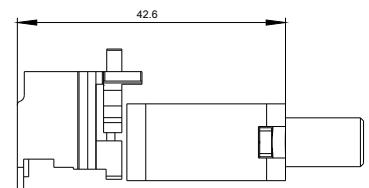
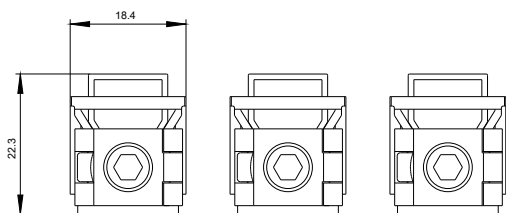
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9153-0JA11](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9153-0JA11)

**CAX-Online-Generator**

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

**Tender specifications**

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



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