



| Model                                                                           |                     |
|---------------------------------------------------------------------------------|---------------------|
| product brandname                                                               | SENTRON             |
| Product designation                                                             | accessories         |
| Connections according IEC                                                       |                     |
| Connectable conductor cross-section                                             |                     |
| • for copper cable / solid / minimum                                            | 1.5 mm²             |
| • for copper cable / solid / maximum                                            | 16 mm²              |
| • for copper cable / finely stranded / minimum                                  | 1.5 mm²             |
| • for copper cable / finely stranded / maximum                                  | 50 mm²              |
| • for copper cable / finely stranded / with core end processing / minimum       | 1.5 mm²             |
| • for copper cable / finely stranded / with core end processing / maximum       | 50 mm²              |
| • for copper cable / stranded / minimum                                         | 1.5 mm²             |
| • for copper cable / stranded / maximum                                         | 70 mm²              |
| Type of connectable conductor cross-sections / of the laminated conductor rails |                     |
| • minimum                                                                       | 1 9 x 9 mm x 0.8 mm |

|                                               |                                                            |
|-----------------------------------------------|------------------------------------------------------------|
| • maximum                                     | 3 6 x 13 mm x 0.5 mm                                       |
| Wire stripping length                         | 12 mm                                                      |
| Tightening torque                             |                                                            |
| • at usage of copper-cables / single-wire     | <= 16 mm <sup>2</sup> : 5 Nm                               |
| • at usage of copper-cables / multi-stranded  | <= 16 mm <sup>2</sup> : 5 Nm, >= 25 mm <sup>2</sup> : 8 Nm |
| • at usage of copper-cables / finely stranded | <= 16 mm <sup>2</sup> : 5 Nm, >= 25 mm <sup>2</sup> : 8 Nm |

#### Connections according UL

|                                                                                          |                                        |
|------------------------------------------------------------------------------------------|----------------------------------------|
| Wire stripping length                                                                    | 0.5 in                                 |
| Connectable conductor cross-section                                                      |                                        |
| • for copper-cable / single-wire / minimum                                               | 14 AWG                                 |
| • for copper-cable / single-wire / maximum                                               | 10 AWG                                 |
| • for copper-cable / multi-stranded / minimum                                            | 14 AWG                                 |
| • for copper-cable / multi-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 insulated conductor end processing / minimum | 14 AWG                                 |
| • for copper-cable / finely stranded / with insulated conductor end processing / maximum | 3/0 AWG                                |
| Tightening torque / at usage of copper-cables                                            |                                        |
| • single-wire                                                                            | <= 10 AWG: 45 lb-in                    |
| • multi-stranded                                                                         | <= 6 AWG: 45 lb-in, >= 4 AWG: 70 lb-in |
| • finely stranded                                                                        | <= 6 AWG: 45 lb-in, >= 4 AWG: 70 lb-in |

#### Certificates

| General Product Approval | EMC | Declaration of Conformity | Test Certificates | other |
|--------------------------|-----|---------------------------|-------------------|-------|
|--------------------------|-----|---------------------------|-------------------|-------|



[Typprüfbescheinigung/Werkszeugnis](#)

[Sonstige](#)

#### 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,...)**

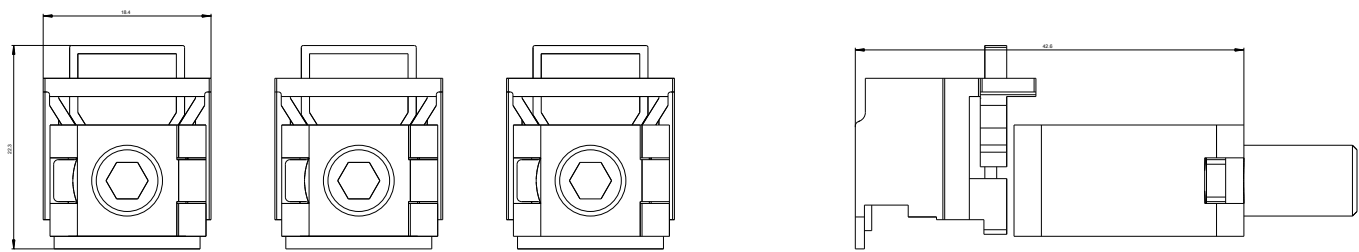
<https://support.industry.siemens.com/cs/ww/en/ps/3VA9153-0JA11>

**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>



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