## Insulated butt connectors





- For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- Simple and safe connecting owed to butt mark
- Fast processing as no additional insulation of the crimped connection is required
- Insulation sleeve halogen-free

### Characteristics
- Cross-section-dependent colour-coding
- Heat resistant to 105° C

### Material
- Copper (ETP)
- Insulation sleeve: PA

### Surface
- Tin-plated to protect against corrosion

### Technical instructions
- Tool: see page 175

### Additional information
- 0.1 - 0.4 mm² not CSA-tested

| Nominal cross section mm² | Part No. | Colour | Dimension mm | | | Weight/pcs. ~kg | Packing unit/pcs |
|---|---|---|---|---|---|---|---|
| | | | d1 | l1 | l2 | | |
| 0.1 - 0.4 | **669** | | 1.2 | 20 | 12 | 0.030 | 100 |
| 0.5 - 1 | **670** | | 1.6 | 25 | 15 | 0.090 | 100 |
| 1.5 - 2.5 | **680** | | 2.3 | 25 | 15 | 0.115 | 100 |
| 4 - 6 | **700** | | 3.6 | 27 | 15 | 0.250 | 100 |

## Insulated butt connectors with heat shrink insulation





- For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- Simple and safe processing due to butt mark
- Fast processing as no additional insulation of the crimped connection is required
- Insulation sleeve halogen-free

### Characteristics
- Cross-section-dependent colour-coding
- Special crimping tool required
- Heat resistant to 105° C

### Material
- Copper (ETP)
- Insulation sleeve: PE

### Surface
- Tin-plated to protect against corrosion

### Technical instructions
- Tool: see page 175

| Nominal cross section mm² | Part No. | Colour | Dimension mm | | | Weight/pcs. ~kg | Packing unit/pcs |
|---|---|---|---|---|---|---|---|
| | | | d1 | l1 | l2 | | |
| 0.5 - 1 | **670WS** | | 1.6 | 36 | 15 | 0.12 | 100 |
| 1.5 - 2.5 | **680WS** | | 2.3 | 36 | 15 | 0.15 | 100 |
| 4 - 6 | **700WS** | | 3.4 | 41 | 15 | 0.25 | 100 |