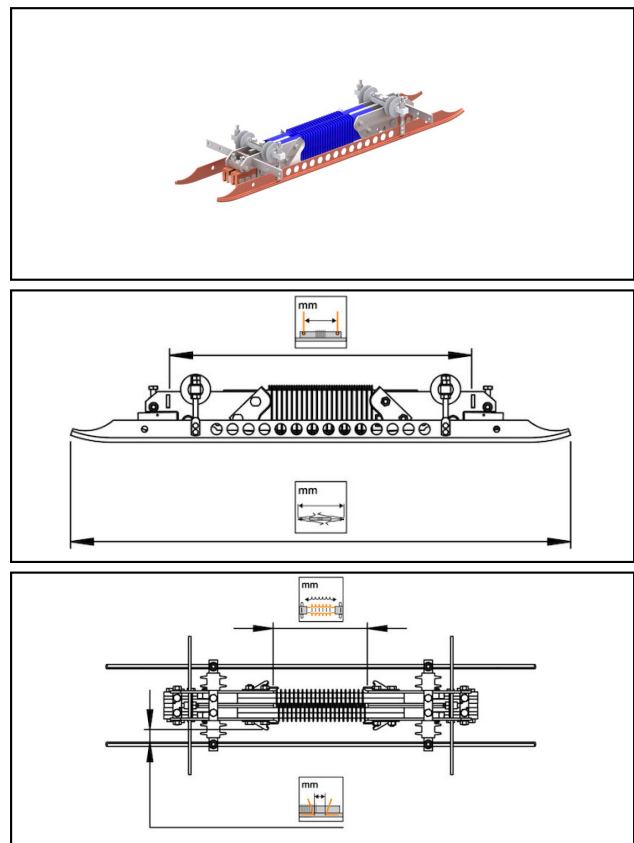


Section insulators

FTND1.5 Section insulator



**Application**  
Neutral section for tramway and light rail with 2 contact wires  
Maximum speed up to 80 km/h

**Material**  
GRP/silicone, Cu, CuNiSi, stainless steel

| Article-Nr. |  |  |  |  |  |  |  |  |  |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 655.328.610 | 80 - 150                                                                            | 5.6 - 6.9                                                                           | 450                                                                                 | 610                                                                                 | 435                                                                                 | 35                                                                                    | 1000                                                                                  | max.2x20                                                                              | 17                                                                                    |

| Accessories                                                                                    |                                                                                     |                                                                                     |  |  |  |  |  |  |                                                                                       |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|--|--|---------------------------------------------------------------------------------------|
|  <b>SAL</b> |                                                                                     |                                                                                     |  |  |  |  |  |  |                                                                                       |
| Article-Nr.                                                                                    |  |  |  |  |  |  |  |  |  |
| 696.016.010                                                                                    | Al                                                                                  | 1610                                                                                |  |  |  |  |  |  | 1.2                                                                                   |

| Accessories                                                                                                       |                                                                                     |  |  |  |  |  |  |  |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|--|--|--|---------------------------------------------------------------------------------------|
|  <b>Turnbuckle SSCH110-135</b> |                                                                                     |  |  |  |  |  |  |  |                                                                                       |
| Article-Nr.                                                                                                       |  |  |  |  |  |  |  |  |  |
| 695.002.671                                                                                                       | 110 - 135                                                                           |  |  |  |  |  |  |  | 0.192                                                                                 |

| Accessories                                                                                                      |                                                                                     |  |  |  |  |  |  |  |                                                                                       |
|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|--|--|--|---------------------------------------------------------------------------------------|
|  <b>Turnbuckle SSCH95-125</b> |                                                                                     |  |  |  |  |  |  |  |                                                                                       |
| Article-Nr.                                                                                                      |  |  |  |  |  |  |  |  |  |
| 695.001.670                                                                                                      | 95 - 125                                                                            |  |  |  |  |  |  |  | 0.139                                                                                 |



## Accessories



## Turnbuckle SSCH200-280

| Article-Nr. |  |  |  |  |  |  |  |  |  |
|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|--|--|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 690.010.727 | 200 - 280                                                                         | 15                                                                                |                                                                                   |  |  |  |  | 0.163                                                                               | 1, 3                                                                                |
| 690.023.727 | 200 - 280                                                                         | 15                                                                                |                                                                                   |  |  |  |  | 0.163                                                                               | 1, 2                                                                                |
| 690.025.727 | 200 - 280                                                                         | 18                                                                                | 8                                                                                 |  |  |  |  | 0.163                                                                               | 1, 2                                                                                |
| 690.035.000 | 200 - 280                                                                         | 18                                                                                | 8                                                                                 |  |  |  |  | 0.163                                                                               | 1, 3                                                                                |
| 690.038.000 | 200 - 280                                                                         | 18                                                                                | 8                                                                                 |  |  |  |  | 0.163                                                                               | 1, 3, 4                                                                             |

Technical Specifications: **Section insulator FTND1.5**

|                                                |              |
|------------------------------------------------|--------------|
| Article No.                                    | 655.328.610  |
| Contact wire section                           | 80 - 150 mm² |
| Contact wire groove                            | 5.6 - 6.9 mm |
| Creeping distance                              | 450 mm       |
| Length between suspension                      | 610 mm       |
| Length between contact wire                    | 435 mm       |
| Arcing horn distance                           | 35 mm        |
| Total length                                   | 1000 mm      |
| Recommended service load                       | max.2x20     |
| Specified mechanical load (SML)                | 80 kN        |
| Minimum breaking load of the section insulator | 100 kN       |
| Commercial specification                       |              |
| Customs number                                 | 85353000     |
| country of origin                              | CH           |
| Logistic specification                         |              |
| Kilo / piece                                   | 17 kg        |

