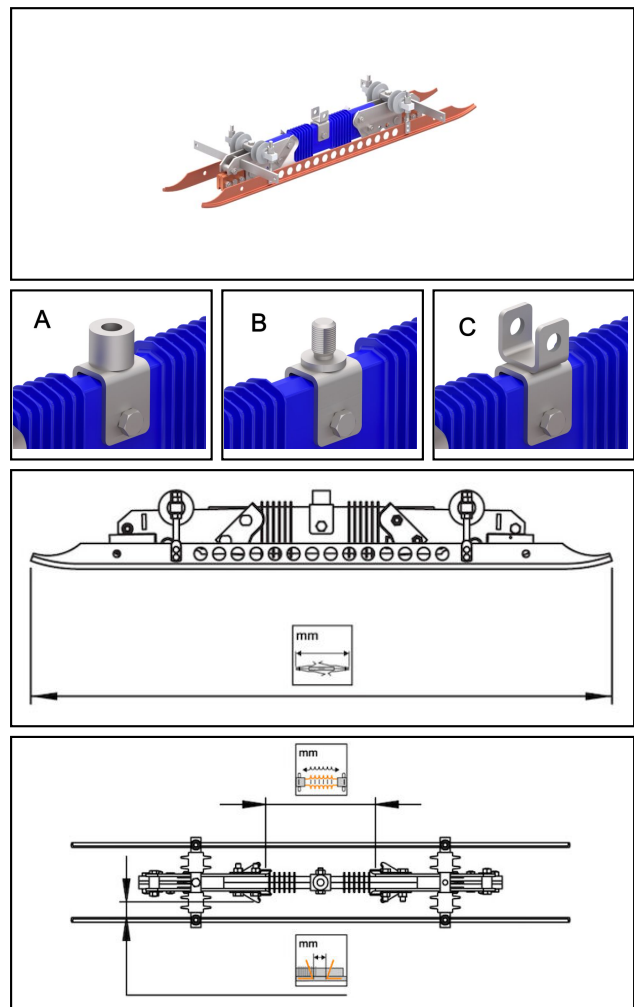


Section insulators

FTM1.5 Section insulator



**Application**  
Neutral section or section insulator for tramway and light rail  
Maximum speed up to 80 km/h  
With central suspension on insulator

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

- Legend**
- 1) Center suspension only
  - 2) Center and standard suspension
  - A) With threaded sleeve 5/8
  - B) With threaded bolt M16
  - C) With bracket for Ø 12" bolt 1

| Article-Nr. |  |  |  |  |  |  |  |  |  |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 655.300.012 | 80 - 150                                                                            | 5.6 - 6.9                                                                           | 370                                                                                 | 610                                                                                 | 435                                                                                 | 35                                                                                   | 1000                                                                                  | max.10                                                                                | C, 2                                                                                  |

| Accessories                                                                                                |                                                                                     |  |  |  |  |  |  |  |                                                                                       |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|--|--|--|---------------------------------------------------------------------------------------|
|  Turnbuckle SSCH110-135 |                                                                                     |  |  |  |  |  |  |  |                                                                                       |
| Article-Nr.                                                                                                |  |  |  |  |  |  |  |  |  |
| 695.002.671                                                                                                | 110 - 135                                                                           |  |  |  |  |  |  |  | 0.192                                                                                 |

| Accessories                                                                                               |                                                                                     |  |  |  |  |  |  |  |                                                                                       |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|--|--|--|---------------------------------------------------------------------------------------|
|  Turnbuckle SSCH95-125 |                                                                                     |  |  |  |  |  |  |  |                                                                                       |
| 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                                                                             |

## Accessories



## SAL

| Article-Nr. |  |  |  |  |  |  |  |  |
|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|--|--|--|--|-------------------------------------------------------------------------------------|
| 696.016.010 | Al                                                                                | 1610                                                                              |  |  |  |  |  | 1.2                                                                                 |

Technical Specifications: **Section insulator FTM1.5**

|                                                |              |
|------------------------------------------------|--------------|
| Article No.                                    | 655.300.012  |
| Contact wire section                           | 80 - 150 mm² |
| Contact wire groove                            | 5.6 - 6.9 mm |
| Creeping distance                              | 370 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.10       |
| Specified mechanical load (SML)                | 80 kN        |
| Minimum breaking load of the section insulator | 80 kN        |
|                                                |              |
| comment                                        | C, 2         |
| Commercial specification                       |              |
| Customs number                                 | 85353000     |
| country of origin                              | CH           |
| Texte                                          |              |
| comment                                        | C, 2         |
| Logistic specification                         |              |
| Kilo / piece                                   | 11 kg        |

