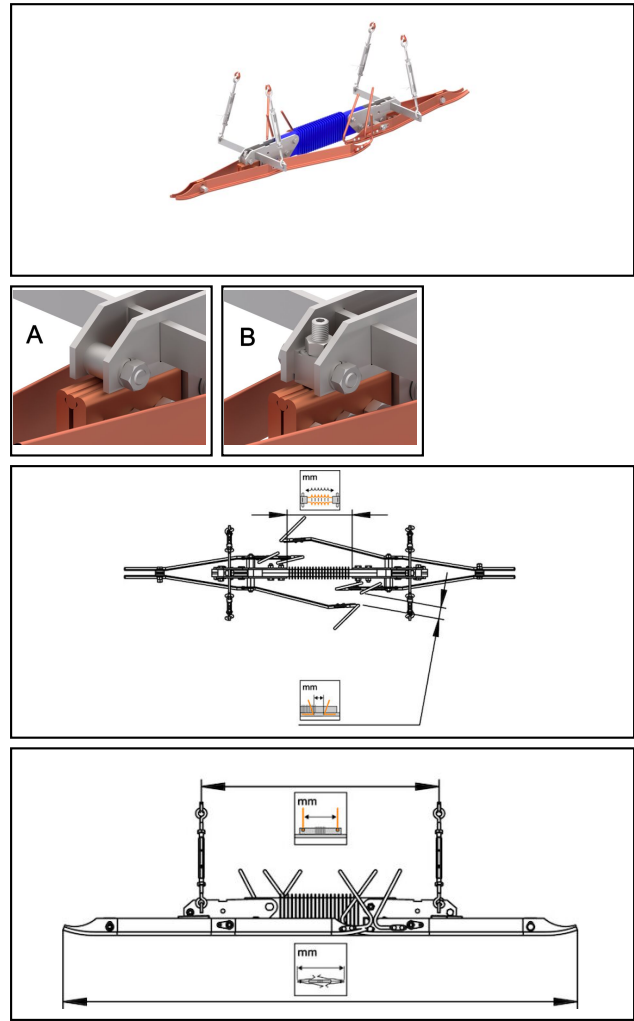


Section insulators

FD1.5 Section insulator



**Application**  
For tramway and light rail  
Maximum speed up to 100 km/h

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

**Legend**  
1) For 1 contact wire systems  
2) For 2 contact wire systems  
A) Without adjusting screw for low service loads  
B) With adjusting screw for high service loads

| Article-Nr. |  |  |  |  |  |  |  |  |  |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 655.336.705 | 100 - 152                                                                           | 5.6 - 6.9                                                                           | 450                                                                                 | 610                                                                                 | 435                                                                                 | 35                                                                                   | 1320                                                                                  | max.10                                                                                | 1, A                                                                                  |

| Accessories                                                                                            |  |  |  |  |  |  |  |                                                                                       |                                                                                       |
|--------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  <b>MH FS/FD/FO</b> |  |  |  |  |  |  |  |                                                                                       |                                                                                       |
| Article-Nr.                                                                                            |  |  |  |  |  |  |  |  |  |
| 690.070.000                                                                                            |  |  |  |  |  |  |  | 24.7                                                                                  | 1                                                                                     |
| 655.300.000                                                                                            |  |  |  |  |  |  |  | 2.8                                                                                   | 2                                                                                     |

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



## 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 FD1.5**

|                                                |               |
|------------------------------------------------|---------------|
| Article No.                                    | 655.336.705   |
| Contact wire section                           | 100 - 152 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                                   | 1320 mm       |
| Recommended service load                       | max.10        |
| Specified mechanical load (SML)                | 80 kN         |
| Minimum breaking load of the section insulator | 80 kN         |
|                                                |               |
| comment                                        | 1, A          |
| Commercial specification                       |               |
| Customs number                                 | 85353000      |
| country of origin                              | CH            |
| Texte                                          |               |
| comment                                        | 1, A          |
| Logistic specification                         |               |
| Kilo / piece                                   | 13 kg         |

