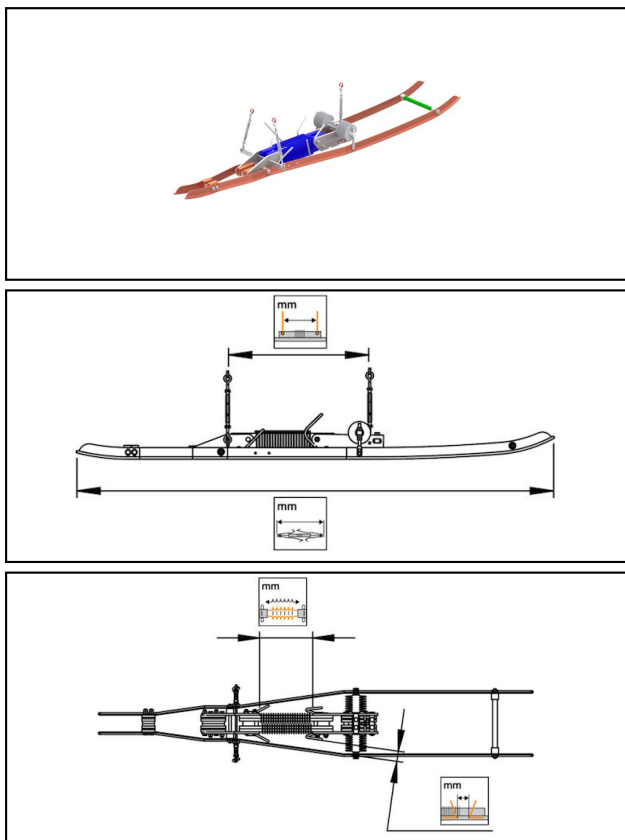


## Section insulators

### FG3



#### Application

For regional trains and heavy rail  
Maximum speed up to 140 km/h

#### Material

GRP/silicone, Cu, CuNiSi, stainless steel

#### Legend

- 1) For 1 contact wire systems
- 2) For 2 contact wire systems

| Article-Nr. |  |  |  |  |  |  |  |  |  |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 655.327.989 | 120 - 160                                                                           | 5.6 - 6.9                                                                           | 450                                                                                 | 535                                                                                 | 435                                                                                 | 50                                                                                    | 1800                                                                                  | max.32                                                                                | 1                                                                                     |
| 655.327.982 | 120 - 160                                                                           | 5.6 - 6.9                                                                           | 450                                                                                 | 535                                                                                 | 435                                                                                 | 50                                                                                    | 1800                                                                                  | max.2x20                                                                              | 2                                                                                     |

#### Accessories

 SAL

| 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: **FG3**

|                                                |               |             |
|------------------------------------------------|---------------|-------------|
|                                                | 655.327.989   | 655.327.982 |
| Contact wire section                           | 120 - 160 mm² |             |
| Contact wire groove                            | 5.6 - 6.9 mm  |             |
| Creeping distance                              | 450 mm        |             |
| Length between suspension                      | 535 mm        |             |
| Length between contact wire                    | 435 mm        |             |
| Arcing horn distance                           | 50 mm         |             |
| Total length                                   | 1800 mm       |             |
| Recommended service load                       | max.32 kN     | max.2x20 kN |
| 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                                   | 22.5 kg       |             |

