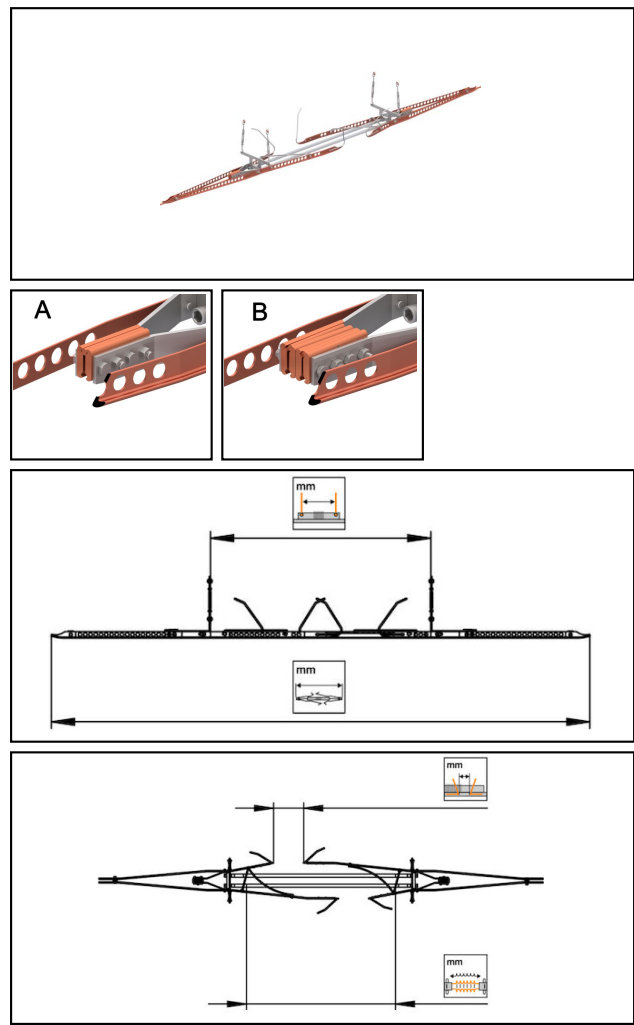


Section insulators

■ HS25 Section insulator



**Application**  
For regional trains and heavy rail  
Maximum speed up to 200 km/h

**Characteristics**  
Insulator rods revolvable in case of wear

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

- Legend**
- 1) For standard contact wire
  - 2) For large contact wire
  - A) For 1 contact wire system
  - B) For 2 contact wire system

| Article-Nr. |  |  |  |  |  |  |  |  |  |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 655.500.081 | 80 - 150                                                                            | 5.6 - 6.9                                                                           | 1100                                                                                | 1350                                                                                | 1600                                                                                | 220                                                                                  | 3280                                                                                  | 8 - 30                                                                                | 1, A                                                                                  |

| Accessories                                                                                             |  |  |  |  |  |  |  |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  <b>MH HS25/HL25</b> |  |  |  |  |  |  |  |                                                                                       |                                                                                       |
| Article-Nr.                                                                                             |  |  |  |  |  |  |  |  |  |
| 690.106.000                                                                                             |  |  |  |  |  |  |  | 28.6                                                                                  | 1                                                                                     |
| 655.540.002                                                                                             |  |  |  |  |  |  |  | 3.6                                                                                   | 2                                                                                     |

| Accessories                                                                                                                             |  |  |  |  |  |  |  |                                                                                       |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|---------------------------------------------------------------------------------------|--|
|  <b>Replacement set of insulator rods MW HS/HL25</b> |  |  |  |  |  |  |  |                                                                                       |  |
| Article-Nr.                                                                                                                             |  |  |  |  |  |  |  |  |  |
| 690.048.000                                                                                                                             |  |  |  |  |  |  |  | 15.3                                                                                  |  |



## Accessories

 SAL

| Article-Nr. |  | mm<br> |  |  |  |  |  |  | Kg<br> |
|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--|--|--|--|--|--|-------------------------------------------------------------------------------------------|
| 696.016.010 | Al                                                                                | 1610                                                                                    |  |  |  |  |  |  | 1.2                                                                                       |

## Accessories



Turnbuckle SSCH200-280

| Article-Nr. | mm<br> | mm<br> | mm<br> |  |  |  |  | Kg<br> |  |
|-------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--|--|--|--|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 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 HS25**

|                                                |              |
|------------------------------------------------|--------------|
| Article No.                                    | 655.500.081  |
| Contact wire section                           | 80 - 150 mm² |
| Contact wire groove                            | 5.6 - 6.9 mm |
| Creeping distance                              | 1100 mm      |
| Length between suspension                      | 1350 mm      |
| Length between contact wire                    | 1600 mm      |
| Arcing horn distance                           | 220 mm       |
| Total length                                   | 3280 mm      |
| Recommended service load                       | 8 - 30 kN    |
| Specified mechanical load (SML)                | 80 kN        |
| Minimum breaking load of the section insulator | 120 kN       |
|                                                |              |
| comment                                        | 1, A         |
| Commercial specification                       |              |
| Customs number                                 | 85353000     |
| country of origin                              | CH           |
| Texte                                          |              |
| comment                                        | 1, A         |
| Logistic specification                         |              |
| Kilo / piece                                   | 19.5 kg      |

