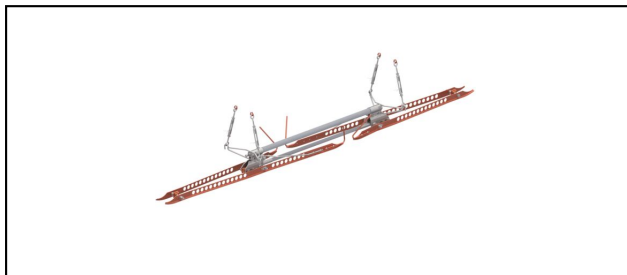


### Section insulators

**ZS3** Section insulator



**Application**

For regional trains and heavy rail  
Maximum speed up to 160 km/h

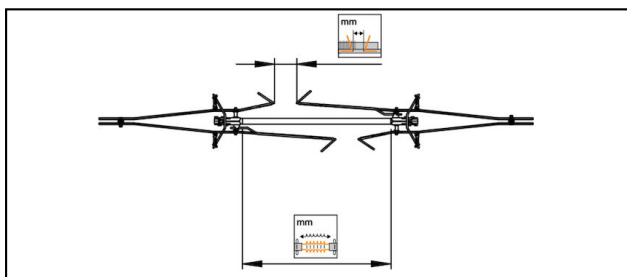
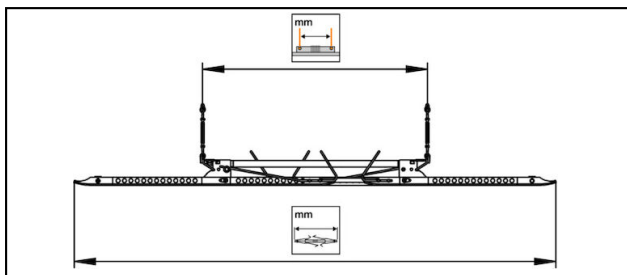
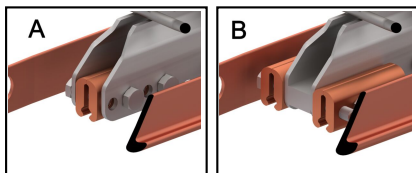
**Material**










GRP/silicone, Cu, CuNiSi, stainless steel

**Legend**

A) For 1 contact wire systems

B) For 2 contact wire systems





| Article-Nr. |  |  |  |  |  |  |  |  |  |
|-------------|---|---|---|---|---|---|---|---|---|
| 655.400.062 | 80 - 150  | 5.6 - 6.9   | 680   | 1140  | 950   | 55  | 2390  | max.2x14  | B   |

**Accessories**






MH ZS3/15

| Article-Nr. |  |  |
|-------------|---|---|
| 690.069.000 | 45  | 1   |
| 655.400.001 | 4.5   | 2   |

**Accessories**



SAL






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



## Accessories



TM680

| Article-Nr. |  |  |  |  |  |  |  |  |  |
|-------------|---|---|---|---|--|--|--|--|---|
| 655.248.000 | 405   | 835   | 235   | 660   |  |  |  |  | 6.4   |

Technical Specifications: **Section insulator ZS3**

|  |                          |
|--|--------------------------|
| Article No.                                    | 655.400.062              |
| Contact wire section                           | 80 - 150 mm <sup>2</sup> |
| Contact wire groove                            | 5.6 - 6.9 mm             |
| Creeping distance                              | 680 mm                   |
| Length between suspension                      | 1140 mm                  |
| Length between contact wire                    | 950 mm                   |
| Arcing horn distance                           | 55 mm                    |
| Total length                                   | 2390 mm                  |
| Recommended service load                       | max.2x14                 |
| Specified mechanical load (SML)                | 80 kN                    |
| Minimum breaking load of the section insulator | 70 kN                    |
| <b>comment</b>                                 |                          |
|  | B                        |
| <b>Commercial specification</b>                |                          |
| Customs number                                 | 85353000                 |
| country of origin                              | CH                       |
| <b>Texte</b>                                   |                          |
| <b>comment</b>                                 | B                        |
| <b>Logistic specification</b>                  |                          |
| Kilo / piece                                   | 16 kg                    |

