


| Product data | | | | |
|--------------|--|--------------|--------------|-----------|
| Product code | Product name | $I_{n Al}$ | $I_{n Cu}$ | U_n |
| VB04-0002 | Shear bolt splice connector ORJA 35-70 | - | - | 1000 V |
| | | $I_{max Al}$ | $I_{max Cu}$ | U_{max} |
| | | - | - | - |

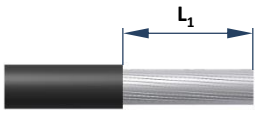
Installation

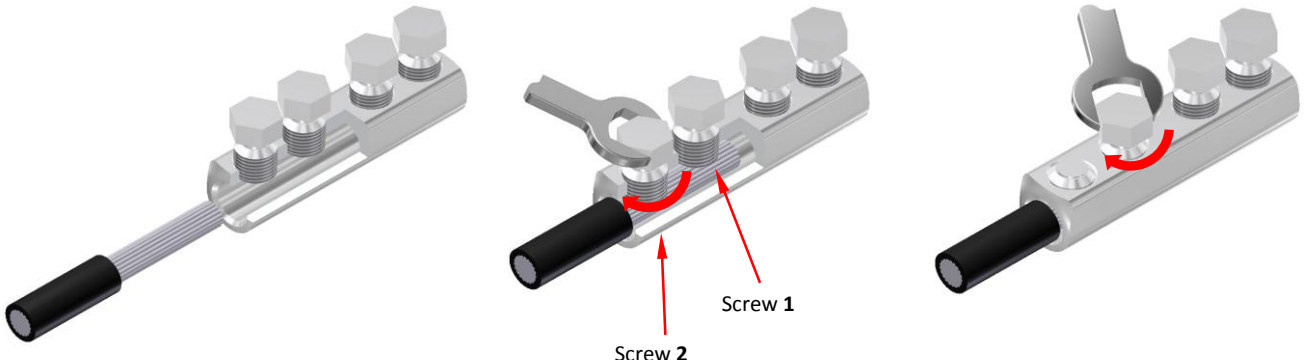
| | |
|------|-------------------|
| Type | Shear head screws |
|------|-------------------|



Shear bolt splice connector ORJA is suitable for Aluminium cable.
 Because of the shear head bolt construction, no crimping tools are needed. The required torque is achieved by tightening the bolt until it breaks off.

Connection

| | | | | | | |
|-------------------------|--------------------------|-----------------|--|----------------|-----------------|--------------|
| Screw head for tool | SW ₁ | 0 | SW ₂ | 14 | SW ₃ | 0 |
| Max. Wire cross section | 70 mm² | | Stripping length | L ₁ | | 39 mm |
| Tightening torque | 35-70 mm ² | 12-25 Nm |  | | L ₂ | - |
| | - | - | | | | |
| | - | - | | | | |
| | - | - | | | | |



Stripping cable, see the stripping length (L₁) above a table. Before the installation, brush the contact surfaces with a wire brush and lubricate lightly with grease.
 Pre-tighten the screws: First screw 1, make sure that the cable does not move, then pre-tighten screw 2.
 Finally, tightening the bolt until it breaks off. Screw 2 first.

Wiring (pcs / connection)

| | | | | | | | |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 1,5 mm ² | 2,5 mm ² | 6 mm ² | 10 mm ² | 16 mm ² | 25 mm ² | 35 mm ² | 50 mm ² |
| - | - | - | - | - | - | 1 | 1 |
| 70 mm ² | 95 mm ² | 120 mm ² | 150 mm ² | 185 mm ² | 240 mm ² | 300 mm ² | 400 mm ² |
| 1 | - | - | - | - | - | - | - |