

Conductor connections and junctions

AV 80



Application

Riveted application for the following material thicknesses:

Inox 0.5 to 4.4 mm

TiZn 0.7 to 4.4 mm

Cu 0.6 to 4.4 mm

Al 2.0 to 4.4 mm

Note: riveted application is considered Class-H tested only in conjunction with AV81 rivets.

Screwed application for the following material thicknesses:

Inox 0.5 to 2.5 mm

TiZn 0.7 to 2.7 mm

Cu 0.6 to 2.6 mm

Al 0.8 to 2.8 mm

Characteristics

For connecting an bridging stuctural components.

Lightning surge current resistant class H (100kA9 according to EN 62561-1

Ends dip tinned with 6 rivet holes Ø 4.1mm / 1 hole M8

Length = center hole to center hole

| Article-Nr. | E-Number    |  |  |  |  |  |  |  |  |  |
|-------------|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------------------------|
| 275.063.006 | 156 943 860 | H                                                                                 | CuvSn                                                                             | 400                                                                               | 30x2                                                                              | 8.2                                                                               | 35                                                                                  |  |  | 5                                                                                   |

| Accessories                                                                                                              |             |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |                                                                                       |                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  Multi-range blind rivets 275.063.011 |             |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |                                                                                       |                                                                                       |
| Article-Nr.                                                                                                              | E-Number    |  |  |  |  |  |  |  |  |  |
| 275.063.011                                                                                                              | 156 990 020 | H                                                                                   | 0.5 - 6.5                                                                           | 10                                                                                  | RAL 9006, silver                                                                    | 4.1                                                                                 |  |  | a)                                                                                    | 70                                                                                    |

| Accessories                                                                                                             |          |                                                                                     |                                                                                     |  |  |  |  |  |  |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|--|--|---------------------------------------------------------------------------------------|
|  Hexagon head screw M8x16 951.04.339 |          |                                                                                     |                                                                                     |  |  |  |  |  |  |                                                                                       |
| Article-Nr.                                                                                                             | E-Number |  |  |  |  |  |  |  |  |  |
| 951.04.339                                                                                                              |          | InoxA4                                                                              | M8x16                                                                               |  |  |  |  |  |  | 1                                                                                     |

| Accessories                                                                                                   |          |                                                                                     |                                                                                     |  |  |  |  |  |  |                                                                                       |
|---------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|--|--|---------------------------------------------------------------------------------------|
|  Hexagon Nut M8 950.04.300 |          |                                                                                     |                                                                                     |  |  |  |  |  |  |                                                                                       |
| Article-Nr.                                                                                                   | E-Number |  |  |  |  |  |  |  |  |  |
| 950.04.300                                                                                                    |          | InoxA2                                                                              | M8                                                                                  |  |  |  |  |  |  | 500                                                                                   |

## Accessories



Washer A2 Ø 24/8.4x2 953.04.082

| Article-Nr. | E-Number |  |  |  |  |  |  |  |  |  |
|-------------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|--|--|--|-------------------------------------------------------------------------------------|
| 953.04.082  |          | 24                                                                                | 2                                                                                 | 8.4                                                                               | Inox A2                                                                           |  |  |  |  | 100                                                                                 |



Technical Specifications: AV 80

|                                   |                         |
|-----------------------------------|-------------------------|
| Article No.                       | 275.063.006             |
| Approved class H / N (EN 62561-1) | H                       |
| Material                          | CuvSn                   |
| Nominal cross section conductor   | 35 mm²                  |
| Length a                          | 400 mm                  |
| Band size                         | 30x2                    |
| Eyelet diameter                   | 8.2 mm                  |
| Shape of conductor                | Flat                    |
| Insulated                         | No                      |
| Cable width approx.               | 30 mm                   |
| Cable height approx.              | 2 mm                    |
| Conductor category                | Class 6 = very flexible |
| Braided                           | Yes                     |
| Connection lugs drilled           | Yes                     |
| required torque                   | 20 N·m                  |
| Commercial specification          |                         |
| Customs number                    | 74130000                |
| country of origin                 | CE                      |

