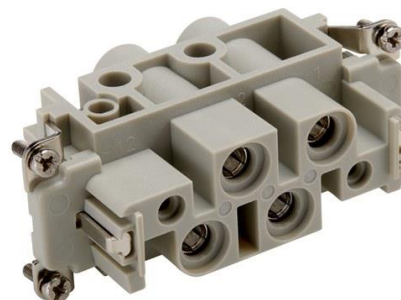


|                           |                          |                                                                                     |
|---------------------------|--------------------------|-------------------------------------------------------------------------------------|
| 44424041                  | <b>DATA SHEET</b>        |  |
| Valid from:<br>17.09.2018 | <b>EPIC® POWER K 4/0</b> |                                                                                     |

## Description

- Combination insert Power and Control
- High power in one connector insert
- Best in combination with ÖLFLEX® SERVO



## General Characteristics

|                     |                                               |
|---------------------|-----------------------------------------------|
| Series              | K 4                                           |
| Version             | Male/Female(Article 44424042)                 |
| Number of Contacts  | 4 + PE                                        |
| Termination Methods | Screw termination: 1.5 - 16.0 mm <sup>2</sup> |
| Temperature Range   | -40°C to +125°C                               |

## Mechanical Characteristics

|                               |     |
|-------------------------------|-----|
| Cycle of mechanical operation | 500 |
|-------------------------------|-----|

## Electrical Characteristics

|                       |             |
|-----------------------|-------------|
| Rated Voltage         | 830 V Power |
| Rated Impulse Voltage | 8 kV        |
| Rated Current         | 80 A Power  |
| Contact Resistance    | < 5 mOhm    |
| Degree of Soiling     | 3           |

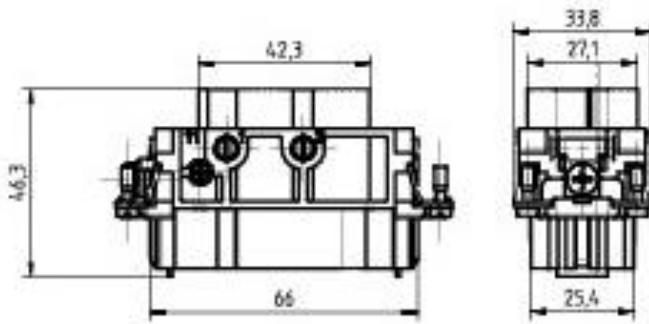
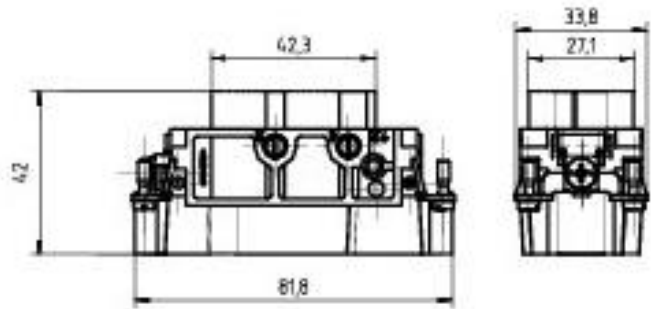
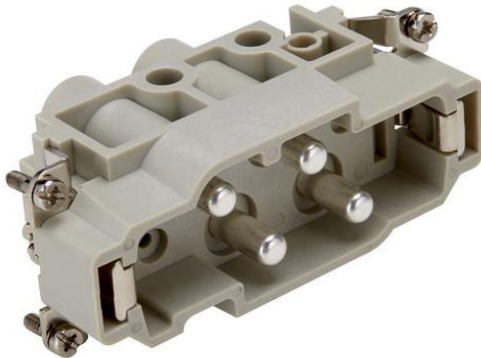
## Materials and Surfaces

|                                       |                   |
|---------------------------------------|-------------------|
| Insert                                | PC, polycarbonate |
| Flammability Class according to UL 94 | V0                |
| Contacts                              | CuZn              |
| Contact plating                       | Ag (silver)       |

|                                           |                                       |             |
|-------------------------------------------|---------------------------------------|-------------|
| Creator: STKU3/PDP<br>Released: IVSE1/PDP | Document: DB44424041EN<br>Version: 02 | Page 1 of 2 |
|-------------------------------------------|---------------------------------------|-------------|

|                           |                   |                                                                                     |
|---------------------------|-------------------|-------------------------------------------------------------------------------------|
| 44424041                  | <b>DATA SHEET</b> |  |
| Valid from:<br>17.09.2018 | EPIC® POWER K 4/0 |                                                                                     |

## Technical Drawing



Industrial machinery and plant engineering



Temperature-resistant



Wind Energy

### Info

Combination Insert Power

### Application range

Mechanical engineering  
Renewable energy  
Control engineering

### Remark

PE connection with a 16mm<sup>2</sup> wire only with the recommended ring lug 44424029.  
The inserts must be used with the appropriate housings.  
To connect stranded conductors, use an end sleeve.

Photographs are not to scale and do not represent detailed images of the respective products.

|                                           |                                       |             |
|-------------------------------------------|---------------------------------------|-------------|
| Creator: STKU3/PDP<br>Released: IVSE1/PDP | Document: DB44424041EN<br>Version: 02 | Page 2 of 2 |
|-------------------------------------------|---------------------------------------|-------------|