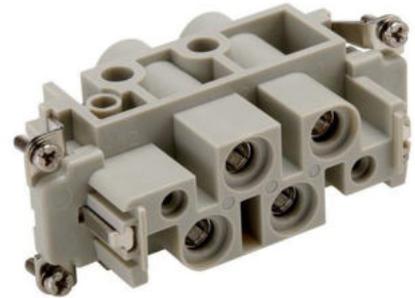


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| 44424041 | DATA SHEET |  |
| Valid from: 02.06.2023 | EPIC® POWER K 4/0 | |

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 (Article 44424041) /Female(Article 44424042) |
| Number of Contacts | 4 + PE |
| Termination Methods | Screw termination: 1.5 - 16.0 mm ² |
| Temperature Range | -40°C to +125°C |

Mechanical Characteristics

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

Electrical Characteristics

| | |
|-----------------------|-------------|
| Rated Voltage | 830 V Power |
| Rated Voltage UL | 600 V |
| Rated Voltage | 600 V |
| 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) |

Approvals

| | |
|--------------------|--------|
| UL-Approval E-File | E75770 |
|--------------------|--------|

Standards

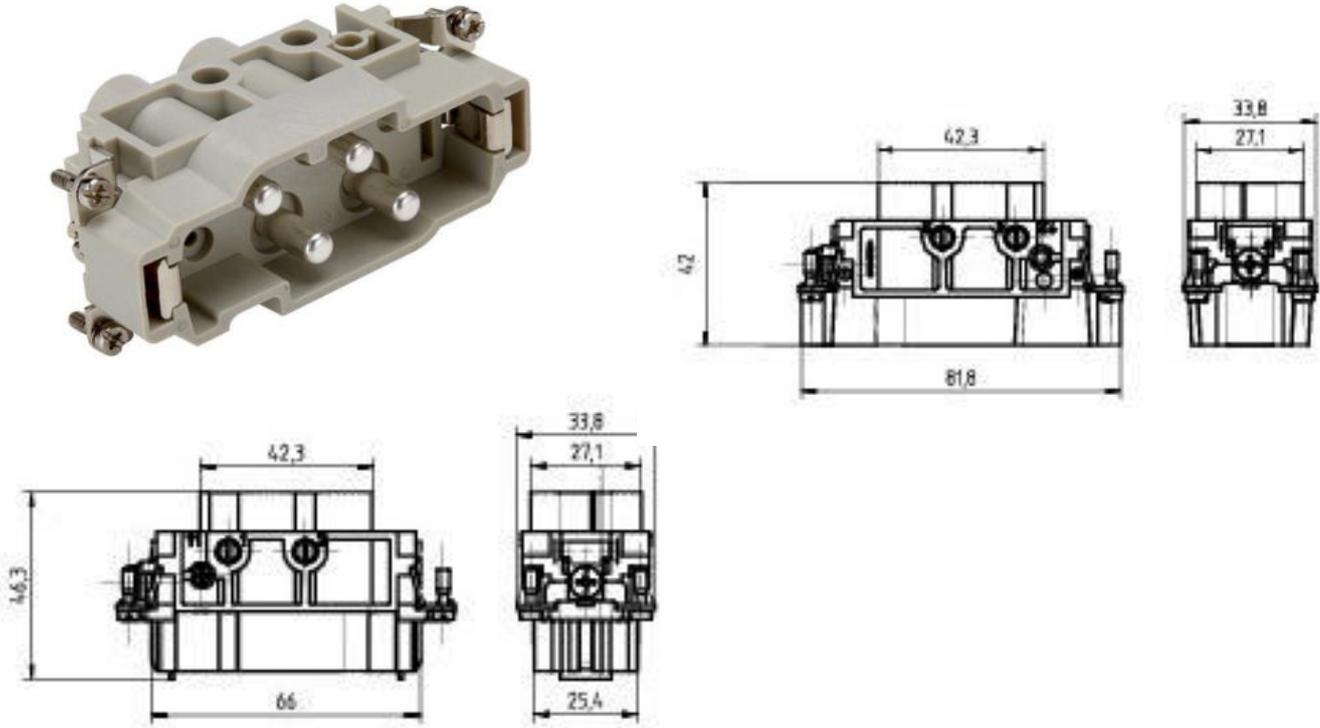
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|------------------|-----------------------------------|
| Safety Standards | IEC 61984, UL1977, CSA 22.2 182.3 |
|------------------|-----------------------------------|



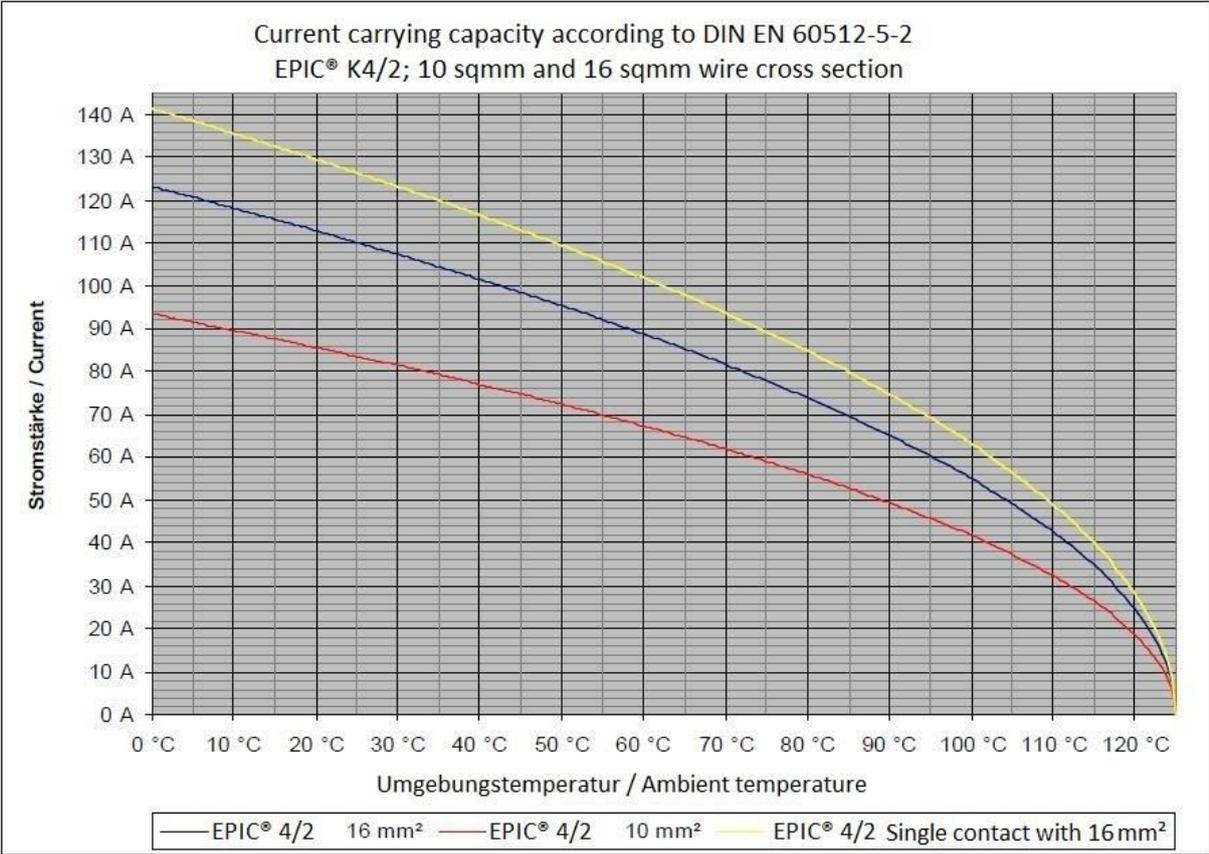
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Technical Drawing



Derating curve



| | | |
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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 16mm² 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.

| | | |
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