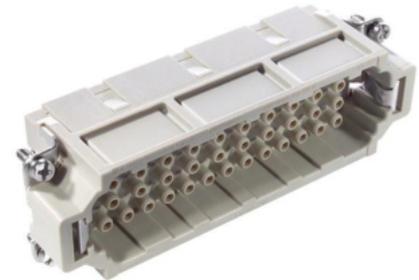


|                           |                                    |   |
|---------------------------|------------------------------------|---|
| 10186400                  | <b>DATA SHEET</b>                  |  |
| Valid from:<br>03.07.2024 | <b>EPIC® H-EE 46 SC/H-EE 46 BC</b> |   |

## Description

- H-EE inserts with high contact density based on the proven H-BE series.
- The H-EE inserts with machined contacts for a high number of pins in very tight spaces.
- For assembly in H-B housing



## General Characteristics

|                     |  |
|---------------------|--|
| Series              | H-EE 46 machined                                 |
| Version             | Male (Article 10186400)/Female(Article 10187400) |
| Number of Contacts  | 46 + PE  |
| Termination Methods | Crimp termination: 0.5 – 4.0 mm <sup>2</sup>     |
| Temperature Range   | -40°C to +100°C, short-term up to +125°C         |

## Mechanical Characteristics

|                               |     |
|-------------------------------|-----|
| Cycle of mechanical operation | 100 |
|-------------------------------|-----|

## Electrical Characteristics

|                       |          |
|-----------------------|----------|
| Rated Voltage, IEC    | 500 V    |
| Rated Voltage, UL     | 600 V    |
| Rated Voltage, CSA    | 600 V    |
| Rated Impulse Voltage | 6 kV     |
| Rated Current, IEC    | 16 A     |
| Rated Current, UL     | 16 A     |
| Rated Current, CSA    | 16 A     |
| Contact Resistance    | < 2 mOhm |
| Degree of Soiling     | 3        |

## Materials and Surfaces

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| Contacts                              | Copper alloy, hard silver/gold-plated |
| Insulating Body                       | PC                                    |
| Flammability Class according to UL 94 | V0                                    |

## Approvals

|                            |        |
|----------------------------|--------|
| UL-Approval, E-File-Number | E75770 |
|----------------------------|--------|

## Standard

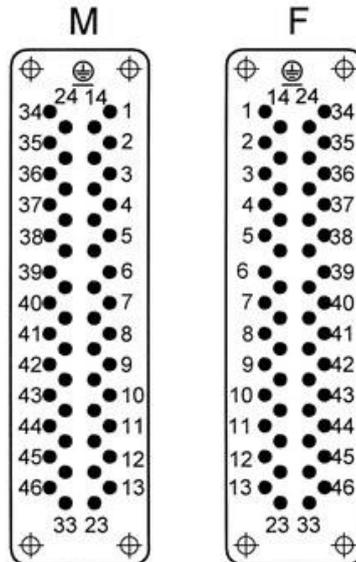
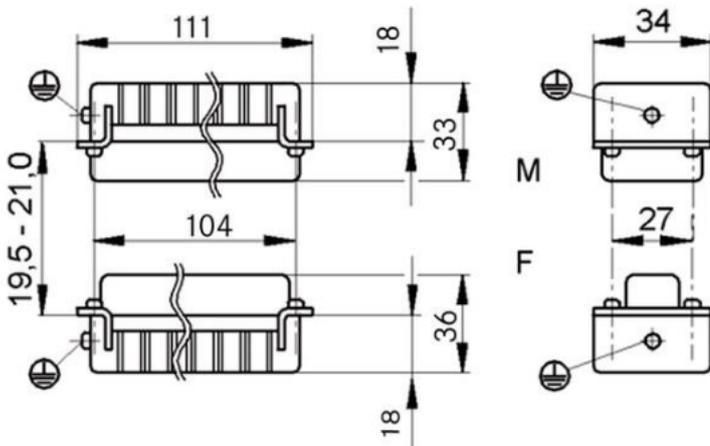
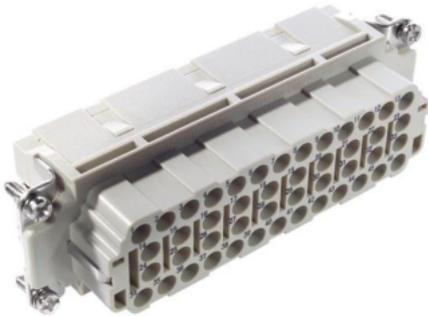
|                 |                    |
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| Safety Standard | IEC 61984, UL 1977 |
|-----------------|--------------------|

AbN  
automation

|   |                                       |             |
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| Valid from:<br>03.07.2024 | <b>EPIC® H-EE 46 SC/H-EE 46 BC</b> |   |

### Technical Drawings



Industrial machinery and plant engineering



Temperature-resistant

#### Info

Inserts with high contact density for medium power  
Also as EPIC® H-EE 92 available

#### Application range

Mechanical engineering  
Plant engineering

#### Remark

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

|   |                                       |             |
|---|---------------------------------------|-------------|
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