

|                           |                                                 |                                                                                     |
|---------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------|
| 11285200                  | <b>DATA SHEET</b>                               |  |
| Valid from:<br>27.11.2024 | <b>EPIC® H-DD 72 SCM / H-DD 72 BCM machined</b> |                                                                                     |

Description

- The H-DD series with machined crimp contacts - for a high number of pin in very tight spaces.
- The H-DD series with machined contacts is designed for a high number of pins in very tight spaces. This allows for smaller housing types to be chosen.



General Characteristics

|                     |                                          |
|---------------------|------------------------------------------|
| Series              | H-DD 72                                  |
| Version             | H-DD 72 Male (Article 11285200)          |
|                     | H-DD 72 Female (Article 11286200)        |
|                     | H-DD 72 Male 73-144 (Article 11285400)   |
|                     | H-DD 72 Female 73-144 (Article 11286400) |
| Number of Contacts  | 72 + PE (144+ 2 PE)                      |
| Termination Methods | Crimp termination: 0.14 - 2.5 mm²        |
| 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    | 250 V    |
| Rated Voltage, UL     | 600 V    |
| Rated Voltage, CSA    | 600 V    |
| Rated Impulse Voltage | 2.5 kV   |
| Rated Current, IEC    | 10 A     |
| Rated Current, UL     | 8.5 A    |
| Rated Current, CSA    | 8.5 A    |
| Contact Resistance    | < 3 mOhm |
| Degree of Soiling     | 2        |

Materials and Surfaces

|                                       |                                                              |
|---------------------------------------|--------------------------------------------------------------|
| Contacts                              | EPIC® H-D 1.6 seriesCopper alloy,<br>hard silver/gold-plated |
| Insulating Body                       | PC                                                           |
| Flammability Class according to UL 94 | V0                                                           |

Approvals

|                            |        |
|----------------------------|--------|
| UL-Approval, E-File-Number | E75770 |
| VDE-Approval, VDE-REG.-Nr. | B437   |

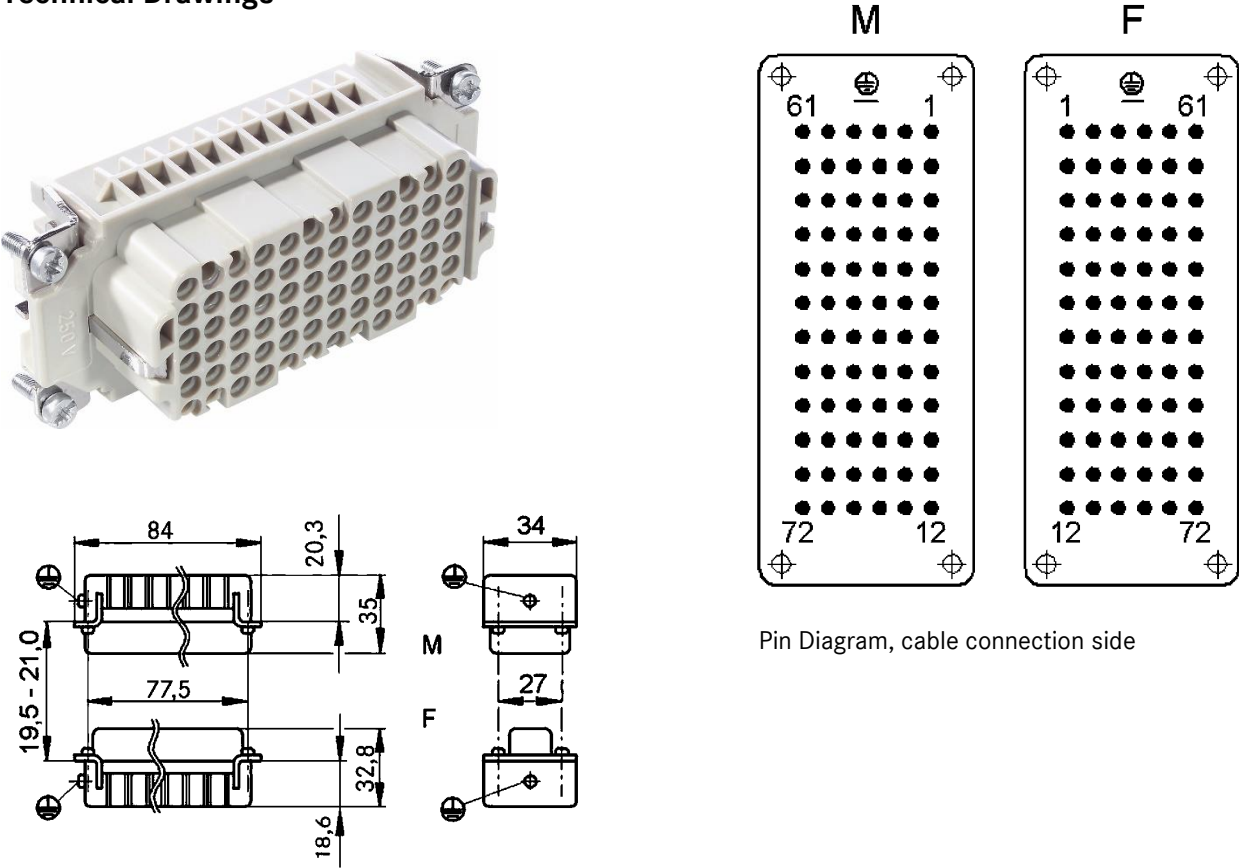
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Standard

Safety Standard IEC 61984, UL 1977, C22.2 182.3

Technical Drawings






REG.-Nr. B437



Industrial machinery and plant engineering



Space requirement

Info

Highest packing density for compact connectors  
Also as EPIC® H-DD 144 available

Application range

Mechanical engineering  
Light & sound technology  
Plastics industry

Remark

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

|                                                   |                                       |             |
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