

|                           |                                             |                                                                                     |
|---------------------------|---------------------------------------------|-------------------------------------------------------------------------------------|
| 11250500                  | <b>DATA SHEET</b>                           |  |
| Valid from:<br>18.09.2018 | <b>EPIC® H-D 7 SCM / H-D 7 BCM machined</b> |                                                                                     |

## Description

- H-D inserts for stamped and machined crimp contacts
- Small, high-performance connector
- High performance crimping contacts
- PE contact with screw connection



## General Characteristics

|                     |                                               |
|---------------------|-----------------------------------------------|
| Series              | H-D 7                                         |
| Version             | Male/Female(Article 11251500)                 |
| Number of Contacts  | 7+ PE                                         |
| Termination Methods | Crimp termination: 0.14 - 2.5 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    | 24 V (AC)/60 V (DC) metal housing |
|                       | 250 V thermoplastic housing       |
| Rated Voltage, UL     | 250 V                             |
| Rated Impulse Voltage | 2.5 kV                            |
| Rated Current, IEC    | 10 A                              |
| Rated Current, UL     | 10 A                              |
| Contact Resistance    | < 2 mOhm                          |
| Degree of Soiling     | 3                                 |

## Materials and Surfaces

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

## Approvals

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

## Standard

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

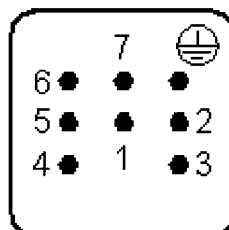
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| Creator: MANA2/PDP<br>Released: IVSE1/PDP | Document: DB11250500EN<br>Version: 01 | Page 1 of 2 |
|-------------------------------------------|---------------------------------------|-------------|

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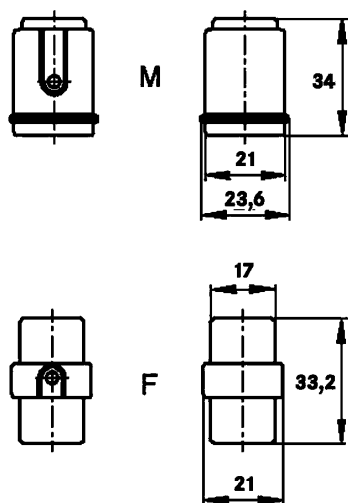
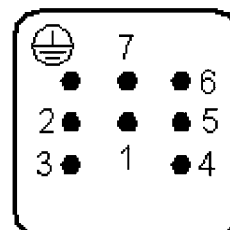
## Technical Drawings



**M**



**F**



Industrial machinery and plant engineering

### Info

Compact, powerful standard insert  
Space saving, crimping contact

### Application range

Machine and equipment manufacturing  
Control engineering

### Remark

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

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