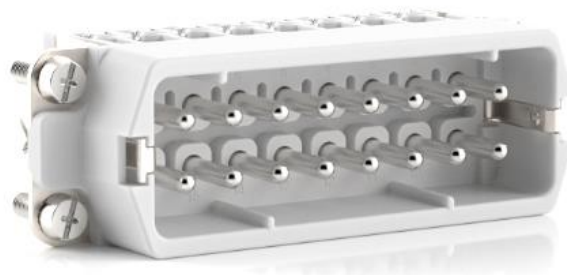


|                           |                                     |                                                                                     |
|---------------------------|-------------------------------------|-------------------------------------------------------------------------------------|
| 10540000                  | <b>DATA SHEET</b>                   |  |
| Valid from:<br>18.09.2020 | <b>EPIC® H-A32 SS / H-A32 BS DR</b> |                                                                                     |

## Description

- H-A inserts with screw termination up to 2.5 mm<sup>2</sup> wire cross section.
- Slim connector insert for standard application.
- Easy to service screw connection.
- Universal for current and voltage transmission.



## General Characteristics

|                     |                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Series              | H-A 32                                                                                                                          |
| Version             | Male/Female (Article 10541000)                                                                                                  |
| Wire Protection     | Yes                                                                                                                             |
| Number of Contacts  | 32 + 2 PE                                                                                                                       |
| Termination Methods | Screw termination: 0.5 - 2.5 mm <sup>2</sup> (2.5 mm <sup>2</sup> with conductor end sleeves depending on the crimping profile) |
| 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    | 400V         |
| Rated Voltage, UL     | 600 V        |
| Rated Voltage, CSA    | 600 V        |
| Rated Impulse Voltage | 4 kV         |
| Rated Current, IEC    | 16 A         |
| Rated Current, UL     | 14 A         |
| Rated Current, CSA    | 16 A         |
| Contact Resistance    | 1,5 - 4 mOhm |
| Degree of Soiling     | 3            |

## Materials and Surfaces

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

## Approvals

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

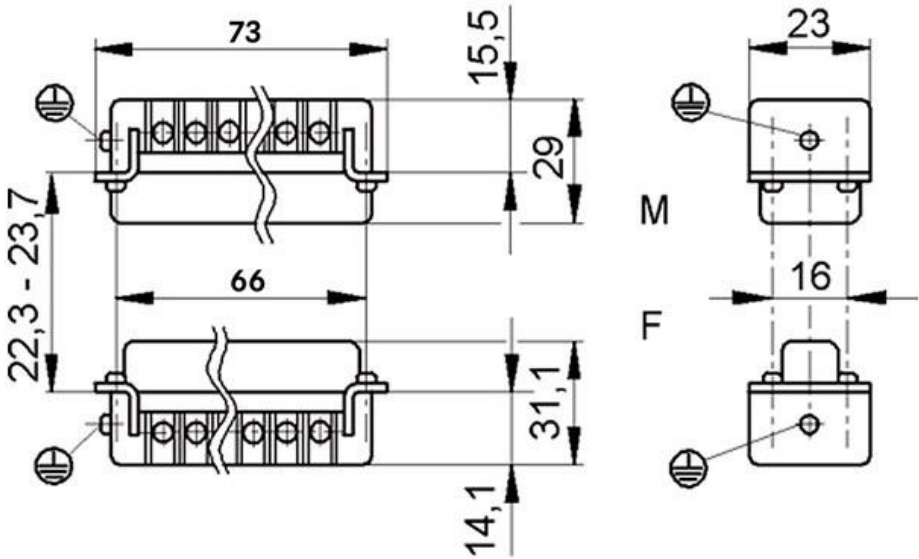
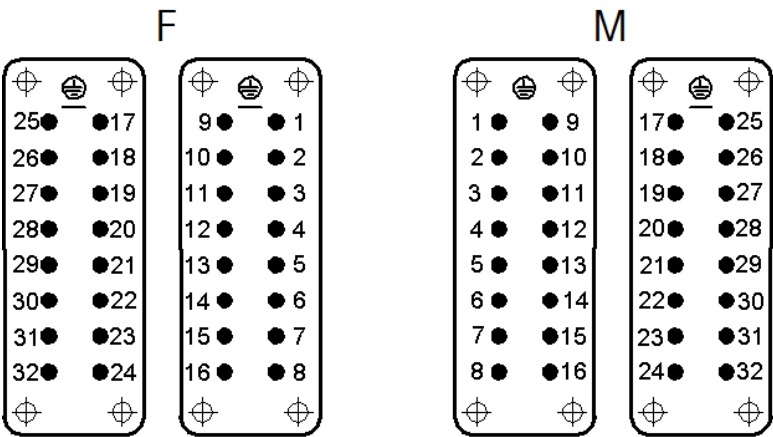
## Standard

|                 |                                     |
|-----------------|-------------------------------------|
| Safety Standard | IEC 61984, UL 1977, CSA-C22.2 182.3 |
|-----------------|-------------------------------------|

|                                           |                                       |             |
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Technical Drawings



|                           |                                                |                                                                                     |
|---------------------------|------------------------------------------------|-------------------------------------------------------------------------------------|
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Industrial machinery and plant engineering



Assembly time



Space requirement

#### Info

Slim standard insert, easy to connect by screw  
Universal for current and voltage transmission

#### Application range

Machine and equipment manufacturings

Control engineering

Use for railway applications - Fire protection in rail vehicles: test in accordance with EN 45545-2. Requirement set R22 u. R23. Danger level HL1, HI2 u. HL3

#### Remark

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

|                                           |                                       |             |
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