

|                           |                                     |                                                                                     |
|---------------------------|-------------------------------------|-------------------------------------------------------------------------------------|
| 75009648                  | <b>DATA SHEET</b>                   |  |
| Valid from:<br>25.02.2019 | <b>EPIC® Kit H-BE 16 BS SGR M25</b> |                                                                                     |

## Description

- Optimally matched components.
- H-BE inserts with screw termination up to 2.5 mm<sup>2</sup> connection cross-section.
- The possibility of using higher voltages and currents as well as high reliability characterizes the EPIC® H-BE series.
- Reduced order costs. No wrong orders.



## Components

|                                |                                 |
|--------------------------------|---------------------------------|
| Item number of the combination | 75009648                        |
| Housing                        | EPIC® H-B 16 SGR M25 (19074000) |
| Insert                         | EPIC® H-BE 16 BS DR (10195000)  |

## General characteristics

|                             |                                           |
|-----------------------------|-------------------------------------------|
| Insert                      | H-BE 16                                   |
| Gender                      | Female                                    |
| Connection type             | Screw termination                         |
| Connection cross-section    | 0.5 – 2.5 mm <sup>2</sup>                 |
| Wire protection             | Yes                                       |
| Number of contacts          | 16 + PE                                   |
| Contact diameter            | 2,5 mm                                    |
| Mating cycles               | 500                                       |
| Temperature range           | -40°C to +100°C, short-term up to +125 °C |
| Housing                     | Surface mount base                        |
| Gland body                  | -                                         |
| Cable entry                 | 1x lateral                                |
| Locking                     | Double lever                              |
| Protection (DIN EN 60529)   | IP 65 (mated and latched)                 |
| Protection (NEMA 250/UL50E) | 4 and 12 (mated and latched)              |

## 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        |

|                                           |                                       |             |
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## Materials/Surfaces

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| Contacts                             | Copper alloy, hard silver plated      |
| Insulating body                      | PC                                    |
| Flammability class according to UL94 | V0                                    |
| Housing                              | Aluminium alloy, powder-coated (grey) |
| Locking                              | Steel, zinc-plated                    |
| Housing seal                         | NBR                                   |
| Gland body                           | -                                     |

## Approvals

|                            |        |
|----------------------------|--------|
| VDE-Approval, VDE-REG.-Nr. | B437   |
| UL File Nummer             | E75770 |
| CSA File Nummer            | 053004 |

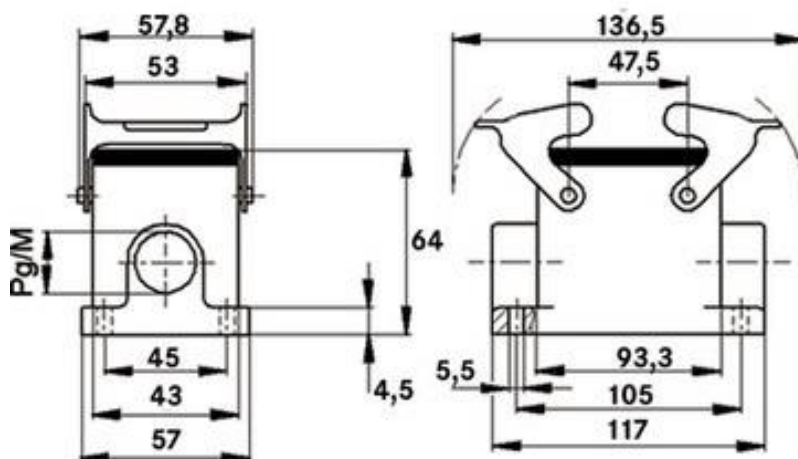


## Standards

|                  |                               |
|------------------|-------------------------------|
| Safety standards | IEC 61984; UL 1977; CSA-C22.2 |
|------------------|-------------------------------|

## Technical drawings

Housing dimensions



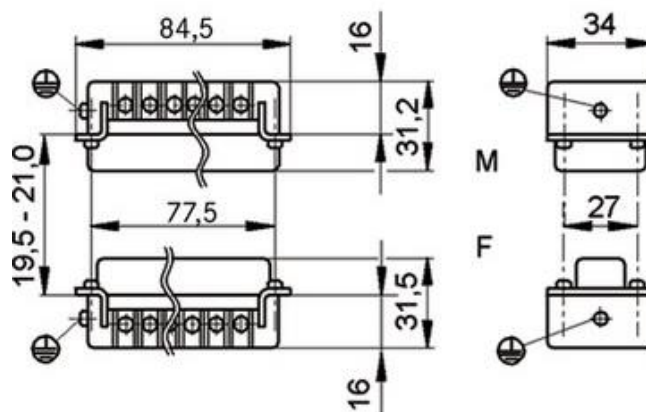
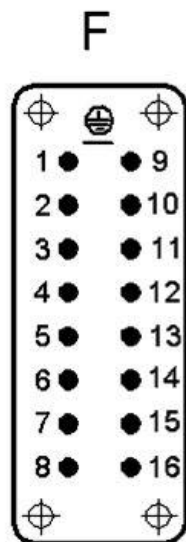
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Insert

Pin assignment

Dimensions



Automation



Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Temperature-resistant

## Info

Universal, robust metal housings

Multifunctional insert for versatile applications

## Application range

Plant engineering, control engineering, plastics industry, light & sound technology

## Remark

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

|                                           |                                       |             |
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