

## Connector set - HC-KIT-B16-R03 - 1409736

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Connector set, consisting of: B16 sleeve housing and panel mounting base, 16-pos. plug and socket insert, M25 cable gland

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 046356 752688 |
| GTIN         | 4046356752688                                                                                           |

### Technical data

#### Dimensions

|                |                 |
|----------------|-----------------|
| Cable diameter | 11 mm ... 16 mm |
|----------------|-----------------|

#### General

|                                  |                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------|
| Number of positions              | 16+PE                                                                                      |
| Type                             | B16                                                                                        |
| Rated voltage                    | 500 V                                                                                      |
| Rated current                    | 16 A                                                                                       |
| Connection method                | Screw connection                                                                           |
| Cable outlet                     | lateral                                                                                    |
| Degree of protection for housing | IP65                                                                                       |
| Connection method                | Screw connection                                                                           |
| Rated voltage (III/3)            | 500 V                                                                                      |
| Rated surge voltage              | 6 kV                                                                                       |
| Rated current                    | 20 A                                                                                       |
| Conductor cross section          | 0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (applies to stranded conductors with ferrules) |
| Connection cross section AWG     | 20 ... 14                                                                                  |
| External cable diameter          | 11 mm ... 17 mm                                                                            |
| Ambient temperature (operation)  | -40 °C ... 100 °C                                                                          |

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### Technical data

#### General

|                               |                                    |
|-------------------------------|------------------------------------|
| Length of the assembly cutout | 86 mm                              |
| Width of the assembly cutout  | 35 mm                              |
| Housing material              | Aluminum cast alloy, powder-coated |
| Contact carrier material      | PC                                 |
| Locking latch material        | PA                                 |
| Integrated protective cover   | no                                 |

#### Standards and Regulations

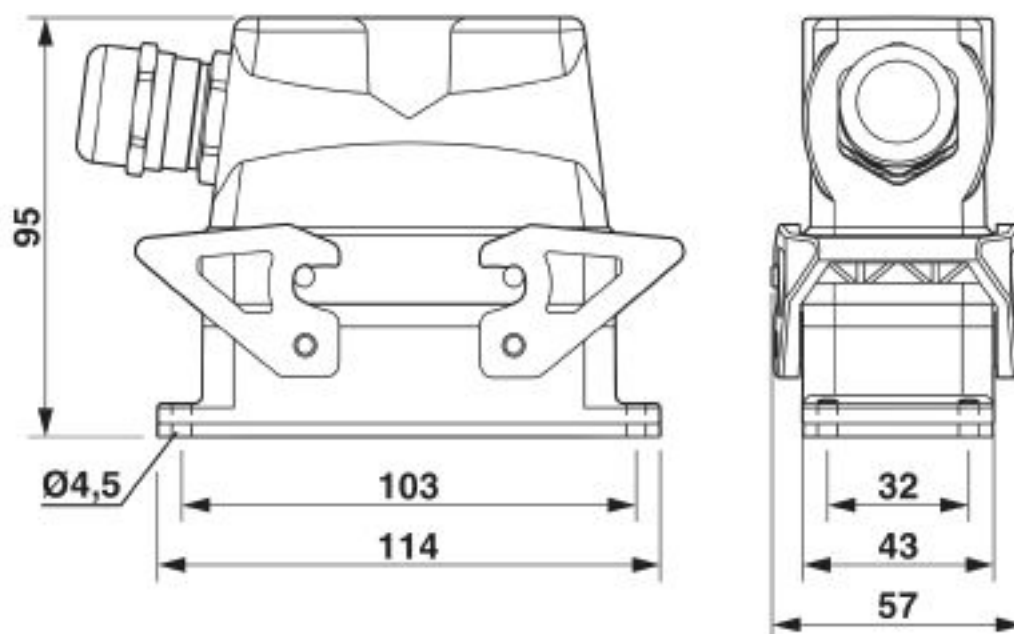
|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

#### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50 years                                                      |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Drawings

Dimensional drawing



Dimensional drawing

## Connector set - HC-KIT-B16-R03 - 1409736

### Articles in set

Cable gland - G-INS-M25-M68N-NNES-S - 1411165



Cable gland, cable gland material: Nickel-plated brass, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with O-ring

Contact insert - HC-B 16-I-UT-M - 1648238



HEAVYCON male insert, B16 series, 16-pos., screw connection

Housing - HC-B 16-TFQ-N-O1STM25S - 1460130



HEAVYCON B16 sleeve housing, for double locking latch, height: 65 mm, with 1 x M25 thread, lateral cable outlet

Housing - HC-B 16-AMQ - 1771587



HEAVYCON B16 panel mounting base, with double locking latch, height: 29 mm, with flat gasket

Contact insert - HC-B 16-I-UT-F - 1648241



HEAVYCON female insert, B16 series, 16-pos., screw connection

### Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440101 |
| eCl@ss 4.0    | 27260700 |

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.1 | 27260700 |
| eCl@ss 5.0 | 27260700 |
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| eCl@ss 7.0 | 27440101 |
| eCl@ss 8.0 | 27440101 |
| eCl@ss 9.0 | 27440101 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC002310 |
| ETIM 4.0 | EC002560 |
| ETIM 5.0 | EC002560 |
| ETIM 6.0 | EC002636 |
| ETIM 7.0 | EC002636 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211923 |
| UNSPSC 7.0901 | 39121522 |
| UNSPSC 11     | 39121522 |
| UNSPSC 12.01  | 39121522 |
| UNSPSC 13.2   | 39121409 |
| UNSPSC 18.0   | 39121409 |
| UNSPSC 19.0   | 39121409 |
| UNSPSC 20.0   | 39121409 |
| UNSPSC 21.0   | 39121409 |

### Approvals

#### Approvals

Approvals

EAC / EAC / EAC

Ex Approvals

#### Approval details

|     |                                                                                     |                          |
|-----|-------------------------------------------------------------------------------------|--------------------------|
| EAC |  | RU C-<br>DE.AI30.B.01102 |
|-----|-------------------------------------------------------------------------------------|--------------------------|

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### Approvals

|     |                                                                                   |               |
|-----|-----------------------------------------------------------------------------------|---------------|
| EAC |  | EAC-Zulassung |
|-----|-----------------------------------------------------------------------------------|---------------|

|     |                                                                                   |                          |
|-----|-----------------------------------------------------------------------------------|--------------------------|
| EAC |  | RU C-<br>DE.BL08.B.00511 |
|-----|-----------------------------------------------------------------------------------|--------------------------|

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