

Connector set - HC-EVO-A16UT-BWSC-HH-M25-PLRBK - 1411359


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Connector set, degree of protection: IP66, number of positions: 16, material: PA, connection method: Screw connection, connection cross section: AWG 20- 14



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 929295 |
| GTIN | 4046356929295 |

Technical data

General

| | |
|----------------------------------|--|
| Number of positions | 16+PE |
| Type | D25 |
| Connection method | Screw connection |
| Degree of protection for housing | IP66 |
| | 12 (UL 50e) |
| Connection method | Screw connection |
| Rated voltage (III/3) | 250 V |
| Rated surge voltage | 4 kV |
| Rated current | 20 A |
| Conductor cross section | 0.5 mm ² ... 2.5 mm ² (applies to stranded conductors with ferrules) |
| Connection cross section AWG | 20 ... 14 |
| External cable diameter | 9 mm ... 17 mm |
| Ambient temperature (operation) | -40 °C ... 100 °C |
| Length of the assembly cutout | 74 mm |
| Width of the assembly cutout | 24 mm |
| Housing material | PA |
| Contact carrier material | PC |

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Technical data

General

| | |
|-----------------------------|-----|
| Locking latch material | PA |
| Integrated protective cover | Yes |

Standards and Regulations

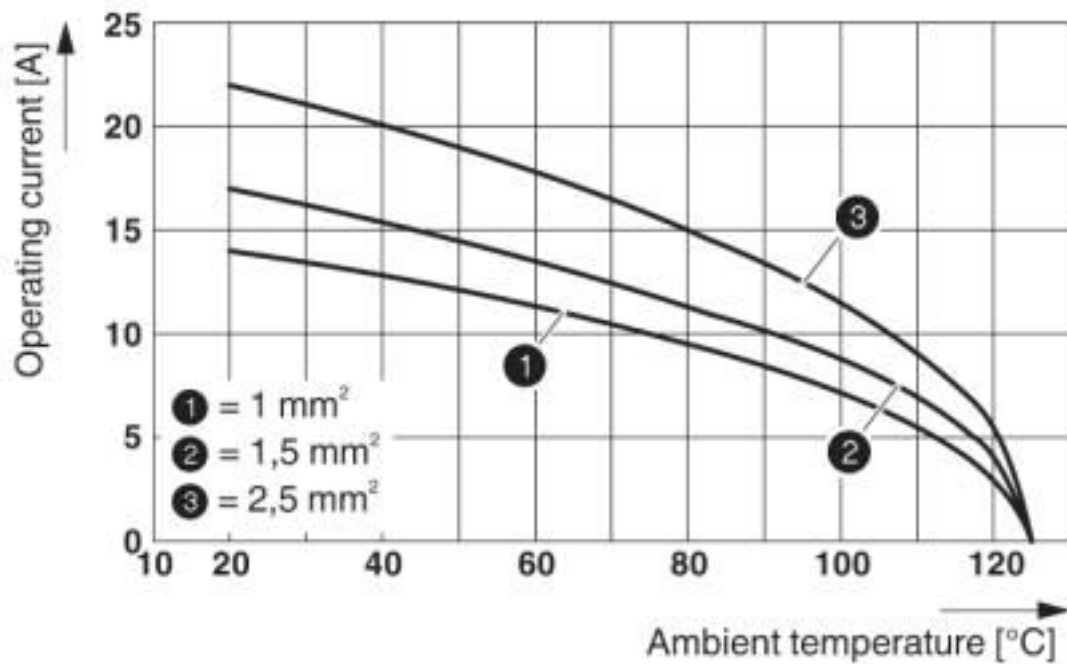
| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

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

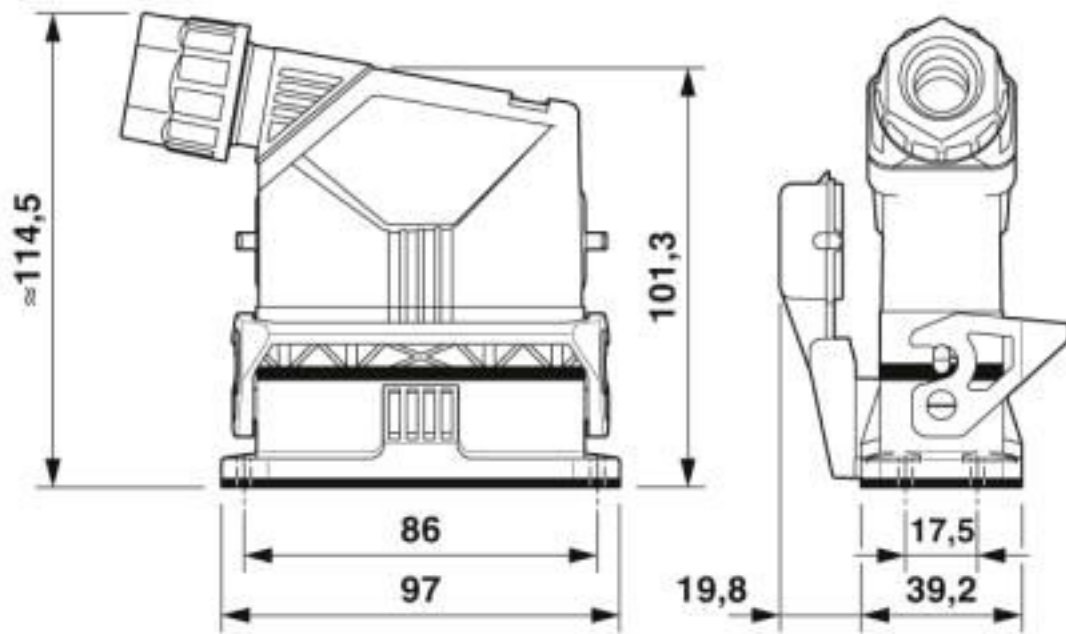
Diagram



Derating diagram

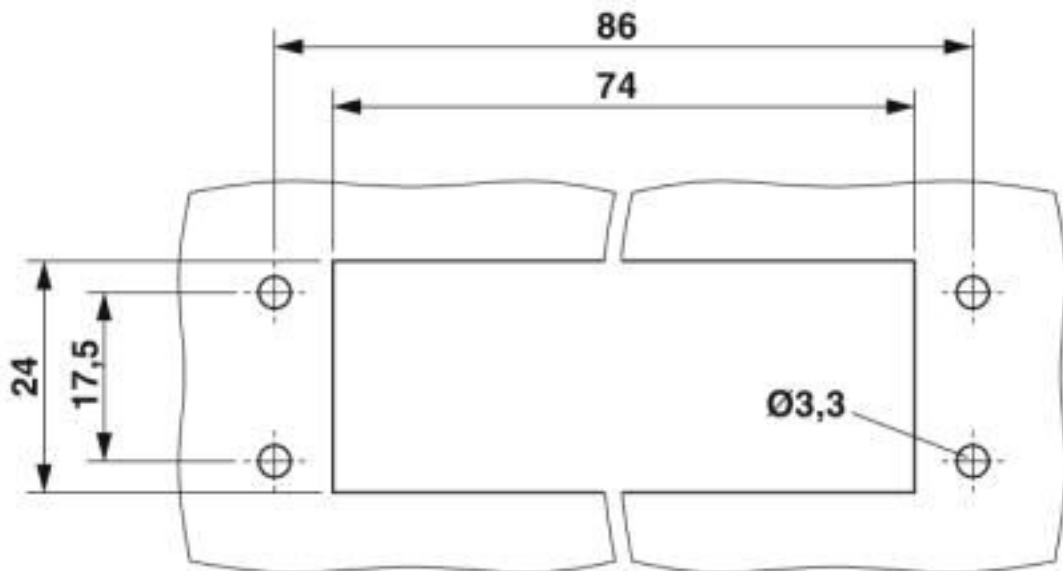
Connector set - HC-EVO-A16UT-BWSC-HH-M25-PLRBK - 1411359

Dimensional drawing



Dimensional drawing

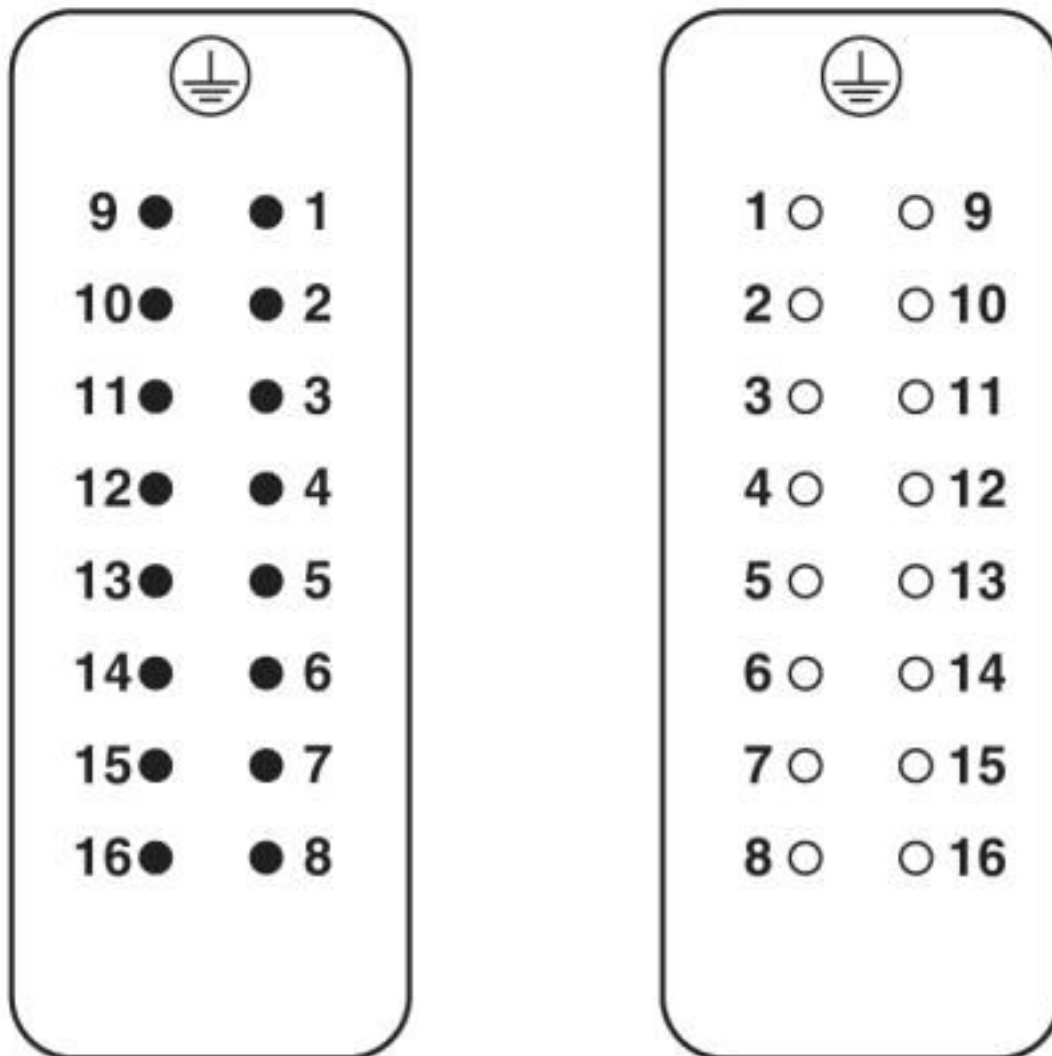
Dimensional drawing



Mounting cutout

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Schematic diagram



Pin assignment, connection side, pin left, socket right

Articles in set

Housing - HC-EVO-D25-HHFS-PL-BK - 1411347



Sleeve housing D25, for single locking latch, material: PA, cable outlets: 1, straight/lateral, height: 75.5 mm, cable gland: none, support sleeve: no, protective cover: no, Standard

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Articles in set

Housing - HC-EVO-D25-BWSC-PLR-BK - 1411345



Panel mounting base D25, with single locking latch, material: PA, protective cover material: PA, height: 26 mm, cable gland: none, support sleeve: no, protective cover: yes, Standard, with flat gasket

Cable gland - HC-D-G-M25-PLRBK - 1411351



EVO plastic cable gland with bayonet locking, for housing series D, size M25, cable diameter: 9 ... 17 mm.

Contact insert - HC-A16-I-UT-M - 1585317



HEAVYCON pin insert, A16 series, 16-pos., screw connection

Contact insert - HC-A16-I-UT-F - 1585320



HEAVYCON female insert, A16 series, 16-pos., screw connection

Classifications

eCl@ss

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

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC002641 |
| ETIM 5.0 | EC002636 |
| ETIM 6.0 | EC002636 |
| ETIM 7.0 | EC002636 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 39121409 |
| UNSPSC 18.0 | 39121409 |
| UNSPSC 19.0 | 39121409 |
| UNSPSC 20.0 | 39121409 |
| UNSPSC 21.0 | 39121409 |

Approvals


Approvals

Approvals


EAC / DNV GL / EAC

Ex Approvals

Approval details

| | | |
|-----|---|--------------------------|
| EAC |  | RU C- DE.AI30.B.01102 |
|-----|---|--------------------------|

| | | | |
|--------|---|---|------------|
| DNV GL |  | https://approvalfinder.dnvgl.com/ | TAE000037S |
|--------|---|---|------------|

| | | |
|-----|---|--------------------------|
| EAC |  | RU C- DE.BL08.B.00511 |
|-----|---|--------------------------|

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