

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



1411359

<https://www.phoenixcontact.com/us/products/1411359>

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

Commercial data

Item number	1411359
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF63
Product key	BF7AFX
Catalog page	Page 528 (C-2-2019)
GTIN	4046356929295
Weight per piece (including packing)	349.4 g
Weight per piece (excluding packing)	351 g
Customs tariff number	85366990
Country of origin	CN

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Set consists of

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

1411347

<https://www.phoenixcontact.com/us/products/1411347>



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

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

1411345

<https://www.phoenixcontact.com/us/products/1411345>



Panel mounting base D25, with single locking latch, material: PA, protective cover material: PC, height: 26 mm, cable gland: none, protective cover: yes, Standard, with flat gasket

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

1411351

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

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

1585317

<https://www.phoenixcontact.com/us/products/1585317>



Contact insert, number of positions: 16+PE, size: D25, number of connections per position: 1, Pin, Screw connection, 250 V, 16 A, 0.5 mm² ... 2.5 mm²

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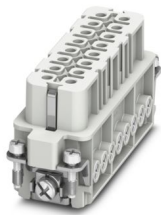
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HC-A16-I-UT-F - Contact insert

1585320

<https://www.phoenixcontact.com/us/products/1585320>



Contact insert, number of positions: 16+PE, size: D25, number of connections per position: 1, Socket, Screw connection, 250 V, 16 A, 0.5 mm² ... 2.5 mm²

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Technical data

Product properties

Product type	Connector set
Series	HC-D
Type	D25
Number of positions	16
Connection profile	16+PE
No. of cable outlets	1
Housing type	Complete housing
Protective cover	yes

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

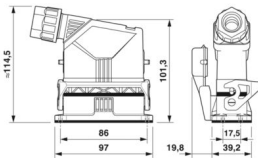
Electrical properties

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
Rated current	20 A

Connection data

Connection method	Screw connection
Connection technology	Screw connection
Conductor cross section	0.5 mm ² ... 2.5 mm ² (applies to stranded conductors with ferrules) 0.5 mm ² ... 2.5 mm ² (applies to stranded conductors with ferrules)
Connection cross section AWG	20 ... 14

Dimensions

Dimensional drawing	
Width	39 mm
Height	114.5 mm
Length	97 mm
Drill hole distance, horizontal	86 mm
Drill hole distance, vertical	17.5 mm

Installation dimensions

Width of the assembly cutout	24 mm
Length of the assembly cutout	74 mm

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Material specifications

Material Protective cover	PA
Flammability rating according to UL 94	V0
Seal material	NBR
	CR
Housing material	PA
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC
Locking latch material	PA

Cable/line

External cable diameter ()	9 mm ... 17 mm
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Mechanical properties

Mechanical data

Locking type	Latch
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
Enclosure rating (NEMA)	12 (UL 50e)
Ambient temperature (operation)	-40 °C ... 100 °C

Mounting

Assembly instructions	Connectors may only be actuated when there is no load/voltage.
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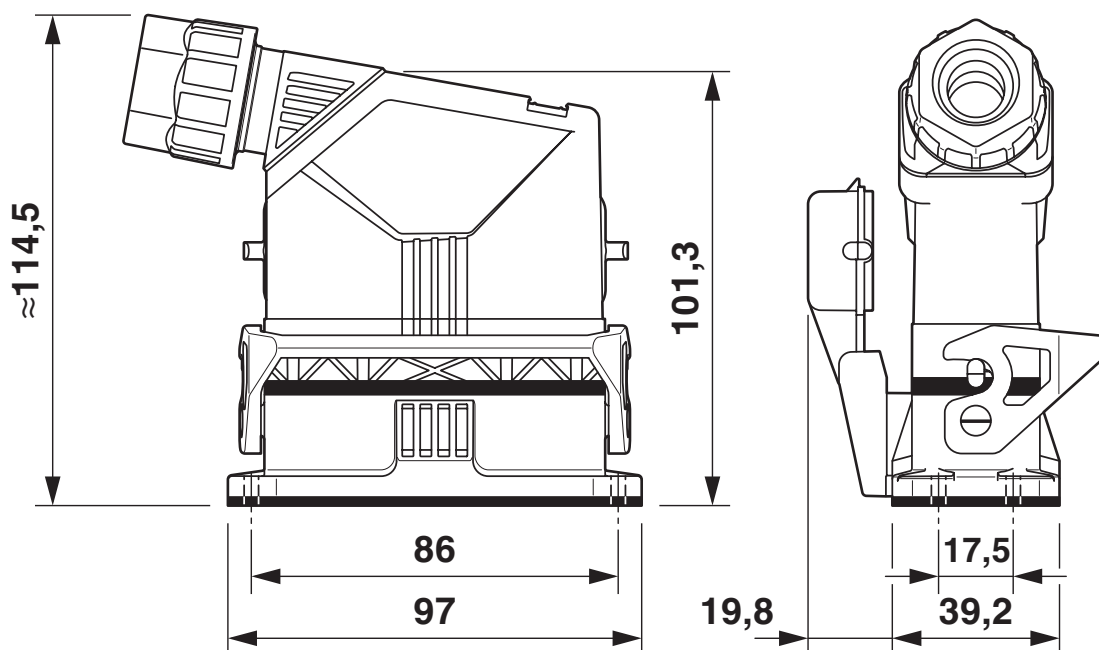


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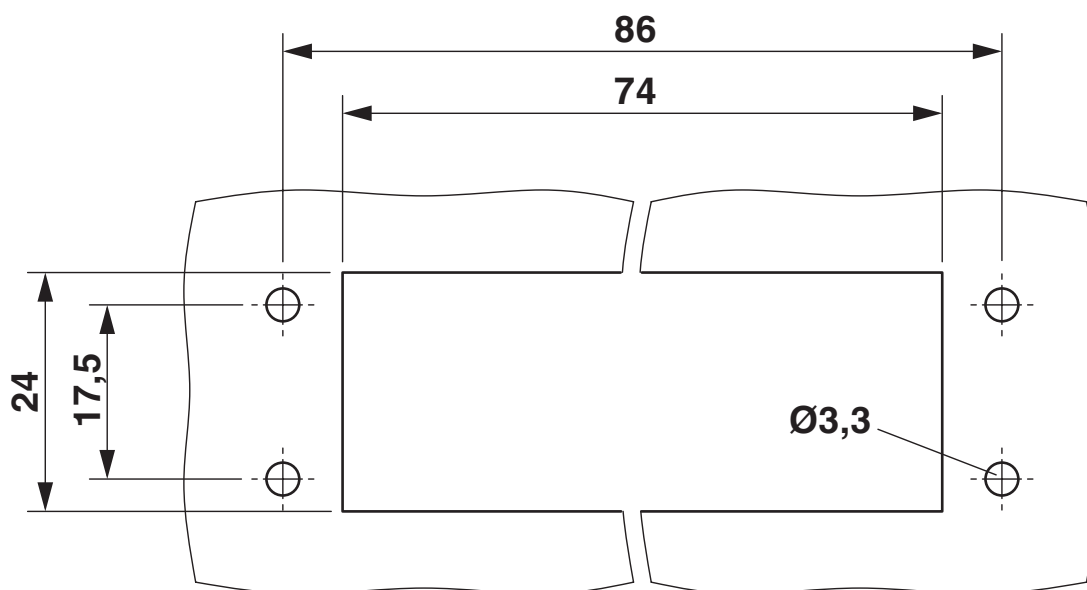
Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



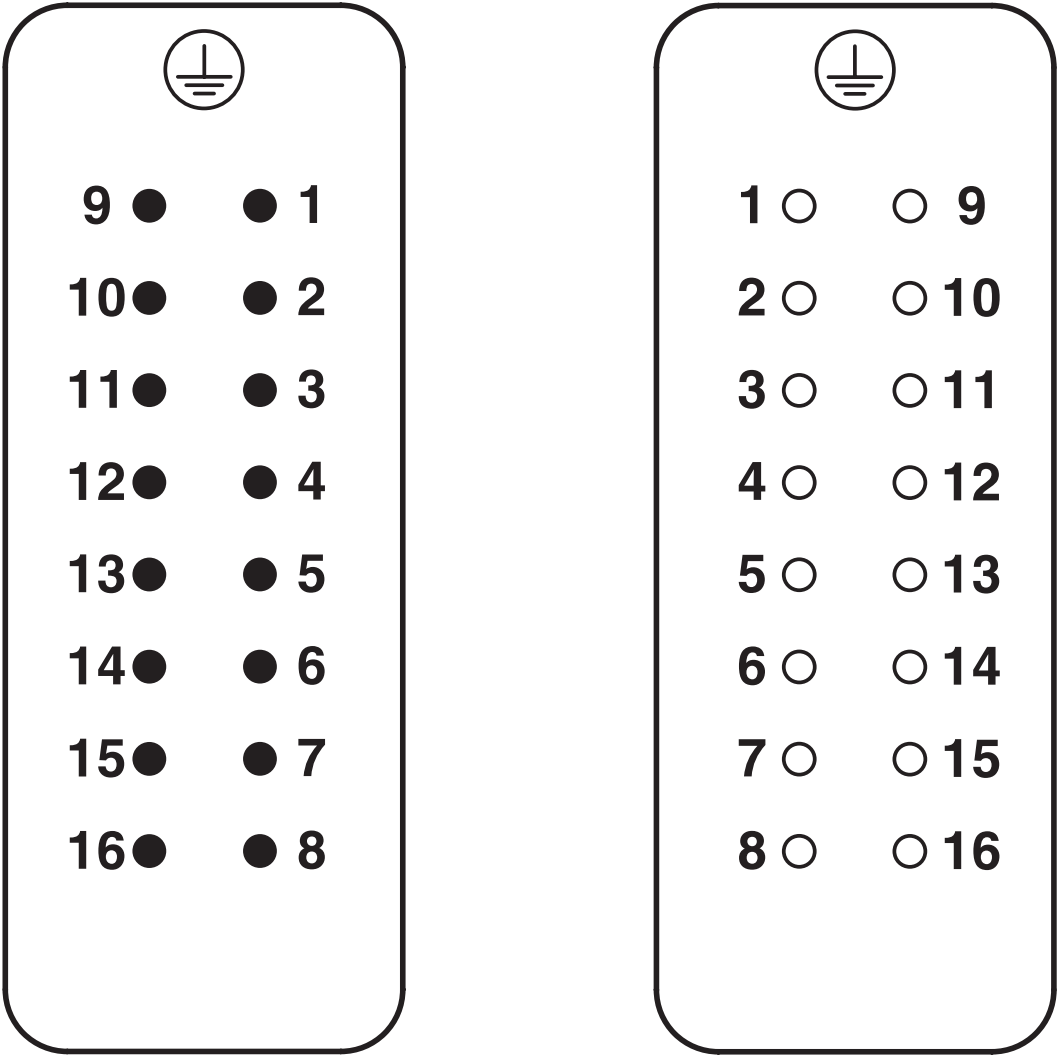
Mounting cutout

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Schematic diagram



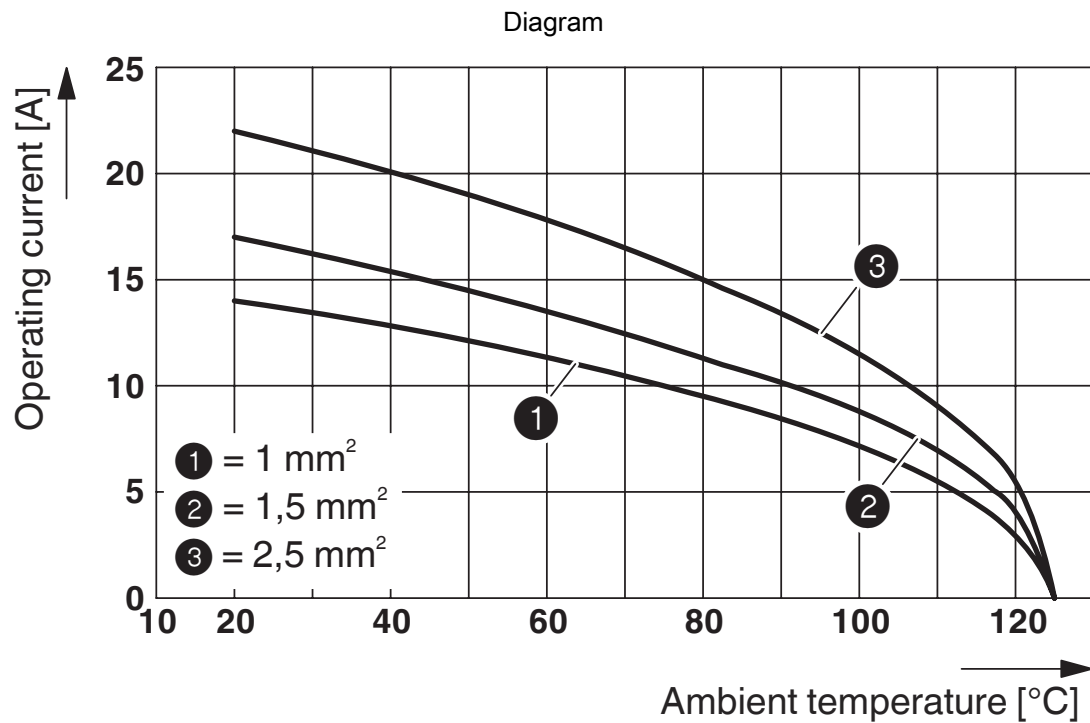
Pin assignment, connection side, pin left, socket right

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Derating diagram

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411359>

DNV

Approval ID: TAE000037S



EAC

Approval ID: RU C-DE.AI30.B.01102



EAC

Approval ID: RU C-DE.BL08.B.00511

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Classifications

ECLASS

ECLASS-11.0	27440101
ECLASS-12.0	27440113
ECLASS-13.0	27440113

ETIM

ETIM 9.0	EC002636
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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