HC-EVO-A16PT-BWSC-HH-M25-PLRBK - Connector set

1424460

https://www.phoenixcontact.com/us/products/1424460

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Connector set, number of positions: 16, material: PA, connection method: Push-in connection, connection cross section: AWG 26- 14, cable outlet: variable

Commercial data

Item number	1424460
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF63
Product key	AF7AFX
GTIN	4055626372891
Weight per piece (including packing)	339.2 g
Weight per piece (excluding packing)	330 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 6.6-FR, 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 6.6-FR, protective cover material: PC, height: 26 mm, cable gland: none, protective cover: yes, Standard, with flat gasket

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

1411351

https://www.phoenixcontact.com/us/products/1411351



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

HC-A16-I-PT-M - Contact insert

1585375

https://www.phoenixcontact.com/us/products/1585375



Contact insert, number of positions: 16+PE, size: D25, number of connections per position: 1, Pin, Push-in connection, 250 V, 16 A, 0.14 mm^2 ... 2.5 mm^2

HC-A16-I-PT-F - Contact insert

1585388

https://www.phoenixcontact.com/us/products/1585388



Contact insert, number of positions: 16+PE, size: D25, number of connections per position: 1, Socket, Push-in connection, 250 V, 16 A, 0.14 mm^2 ... 2.5 mm^2

Technical data

Product properties

Product type	Connector set
Housing type	Complete housing
Application	Standard
Type	D25
Number of positions	16
No. of cable outlets	1
Protective cover	yes
Cable outlet	variable

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
Rated current	16 A
Nominal voltage U_N	250 V
Nominal current I_N	16 A

Connection data

Connection method	Push-in connection
Connection technology	Push-in connection
Conductor cross-section	0.14 mm² ... 2.5 mm² (applies to stranded conductors with ferrules)
	0.14 mm² ... 2.5 mm² (applies to stranded conductors with ferrules)
Connection cross section AWG	26 ... 14

Dimensions

Installation dimensions

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

Material specifications

Flammability rating according to UL 94	V0
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

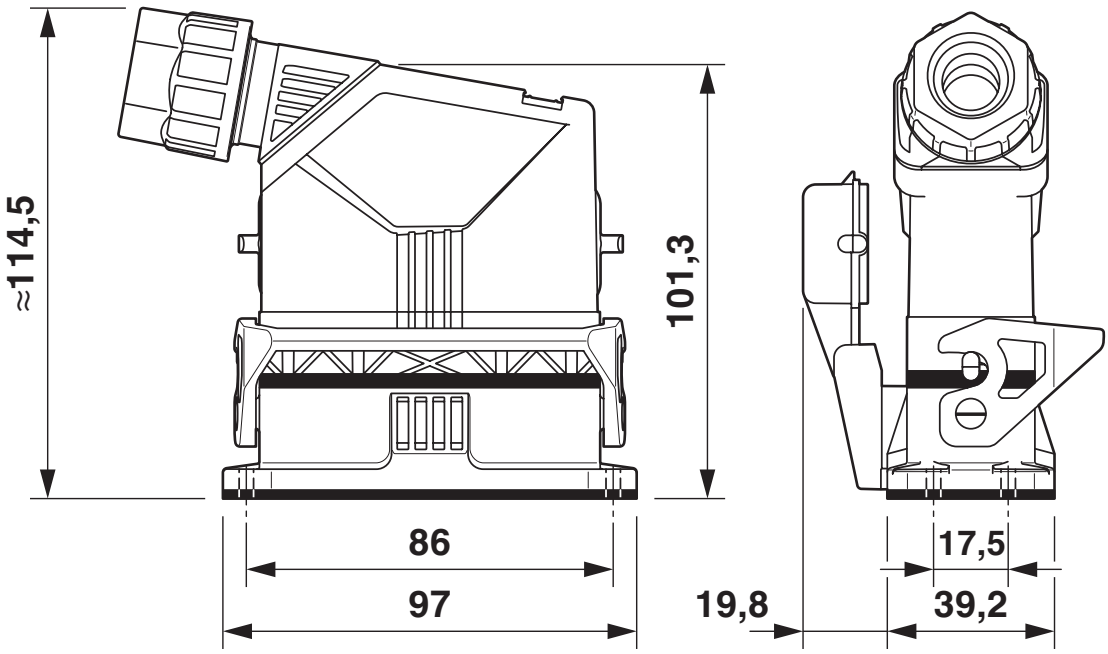
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
Enclosure rating (NEMA)	12 (UL 50e)
Impact strength	IK08
Ambient temperature (operation)	-40 °C ... 100 °C

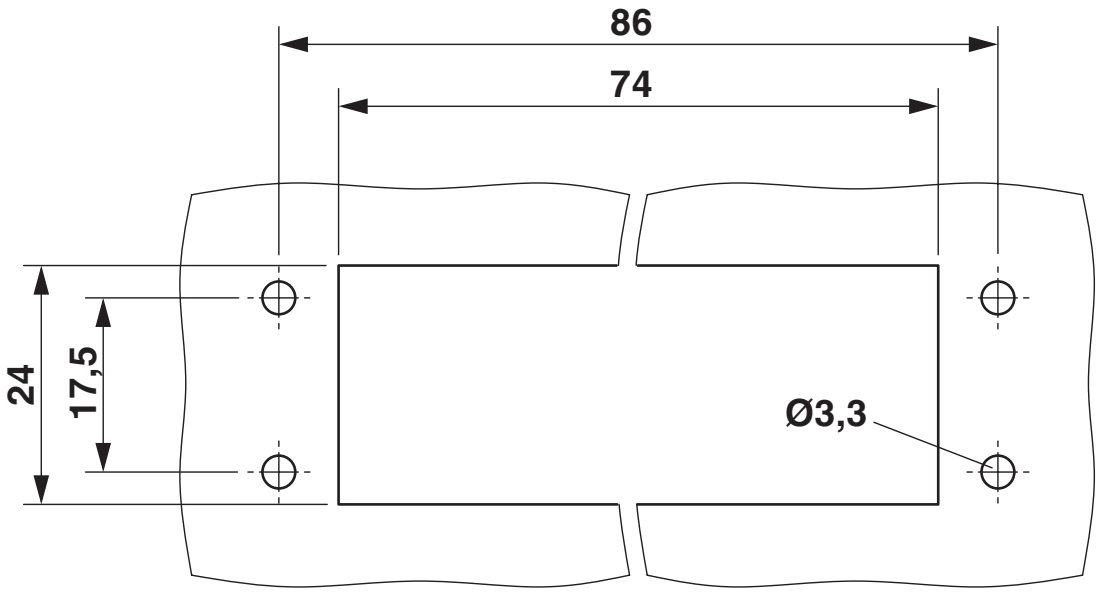
Drawings

Dimensional drawing



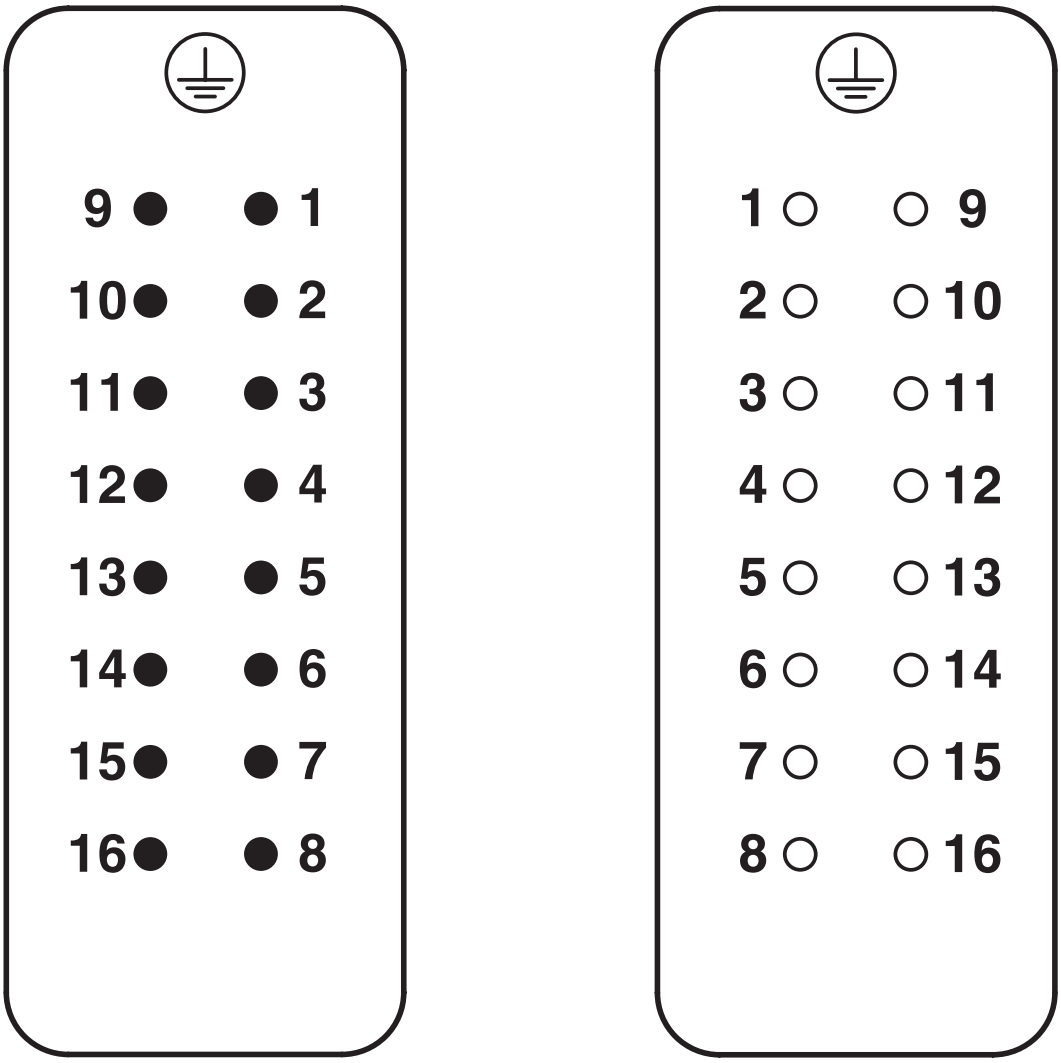
Dimensional drawing

Dimensional drawing



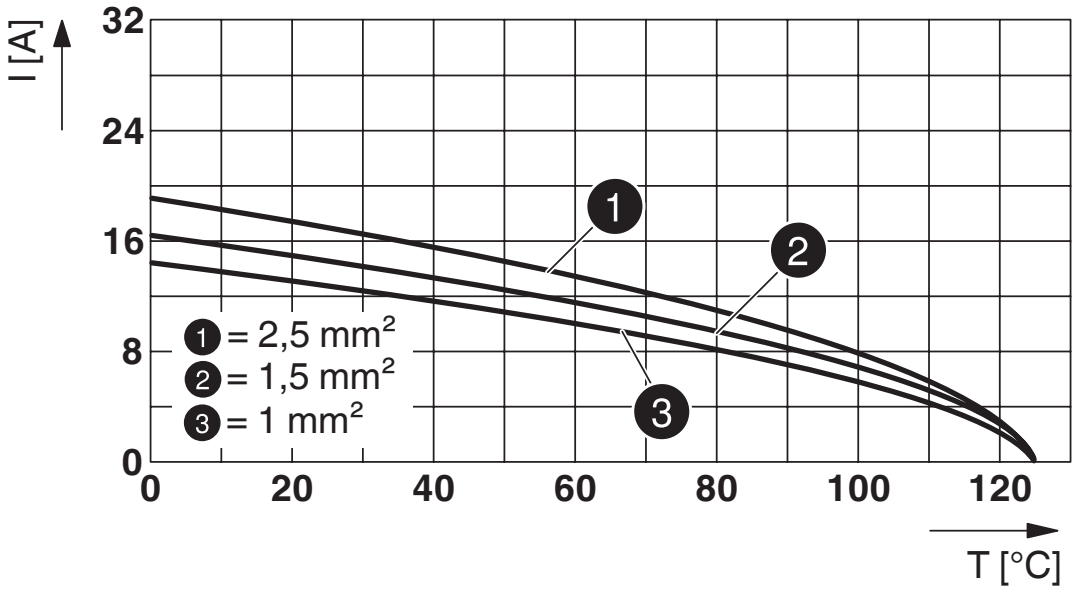
Mounting cutout

Schematic diagram



Pin assignment, connection side, pin left, socket right

Diagram



Derating diagram

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1424460

DNV
Approval ID: TAE000037S

Classifications

ECLASS

ECLASS-13.0	27440113
ECLASS-15.0	27440113

ETIM

ETIM 10.0	EC002636

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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