HC-STA-A16PT-BWS-HT-M25-ELCAL - Connector set

1424461

https://www.phoenixcontact.com/us/products/1424461

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

Commercial data

Item number	1424461
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF63
Product key	AF7AFX
GTIN	4055626372907
Weight per piece (including packing)	442 g
Weight per piece (excluding packing)	387 g
Customs tariff number	85366990
Country of origin	CN

Set consists of

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

HC-STA-D25-BWS-EL-AL - Housing

1424391

https://www.phoenixcontact.com/us/products/1424391



Panel mounting base D25, with single locking latch, material: Die-cast aluminum, salt water resistant, height: 26 mm, cable gland: none, Standard

HC-STA-D25-HHFS-1TTM25-ELC-AL - Housing

1424382

https://www.phoenixcontact.com/us/products/1424382



Sleeve housing D25, for single locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 1, straight, 1x M25, height: 72 mm, cable gland: none, Standard

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

1411165

https://www.phoenixcontact.com/us/products/1411165



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver-colored, with O-ring

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	no
Cable outlet	straight

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

Material Housing	Die-cast aluminum, saltwater-resistant
Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC
Locking latch material	PA

Cable/line

External cable diameter	11 mm ... 17 mm
	14 mm ... 17 mm (for UL 514 B)

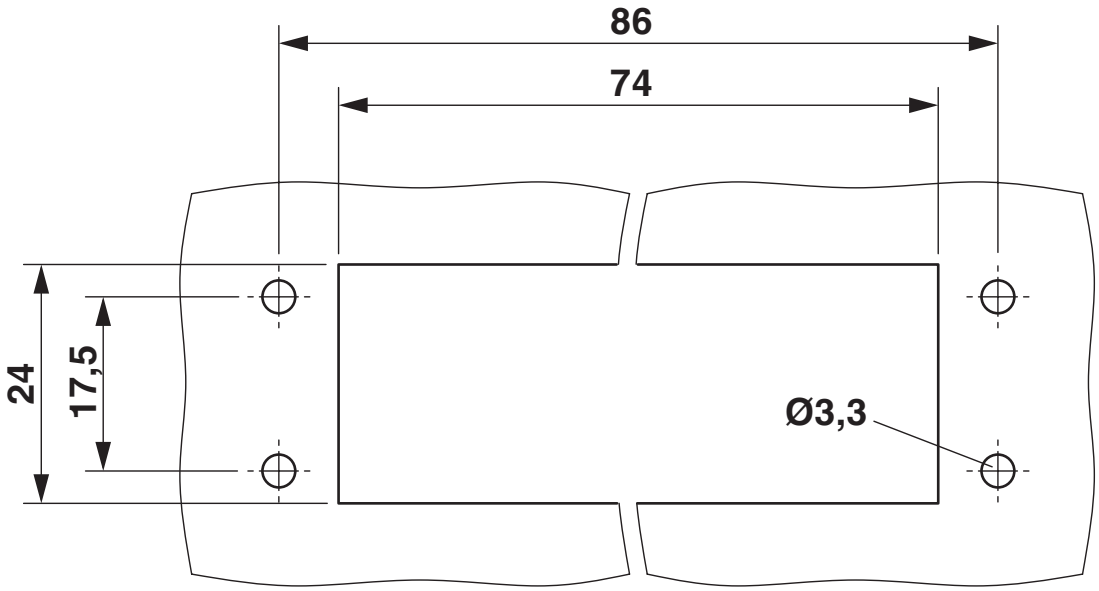
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP67
Enclosure rating (NEMA)	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Impact strength	IK08
Ambient temperature (operation)	-40 °C ... 100 °C

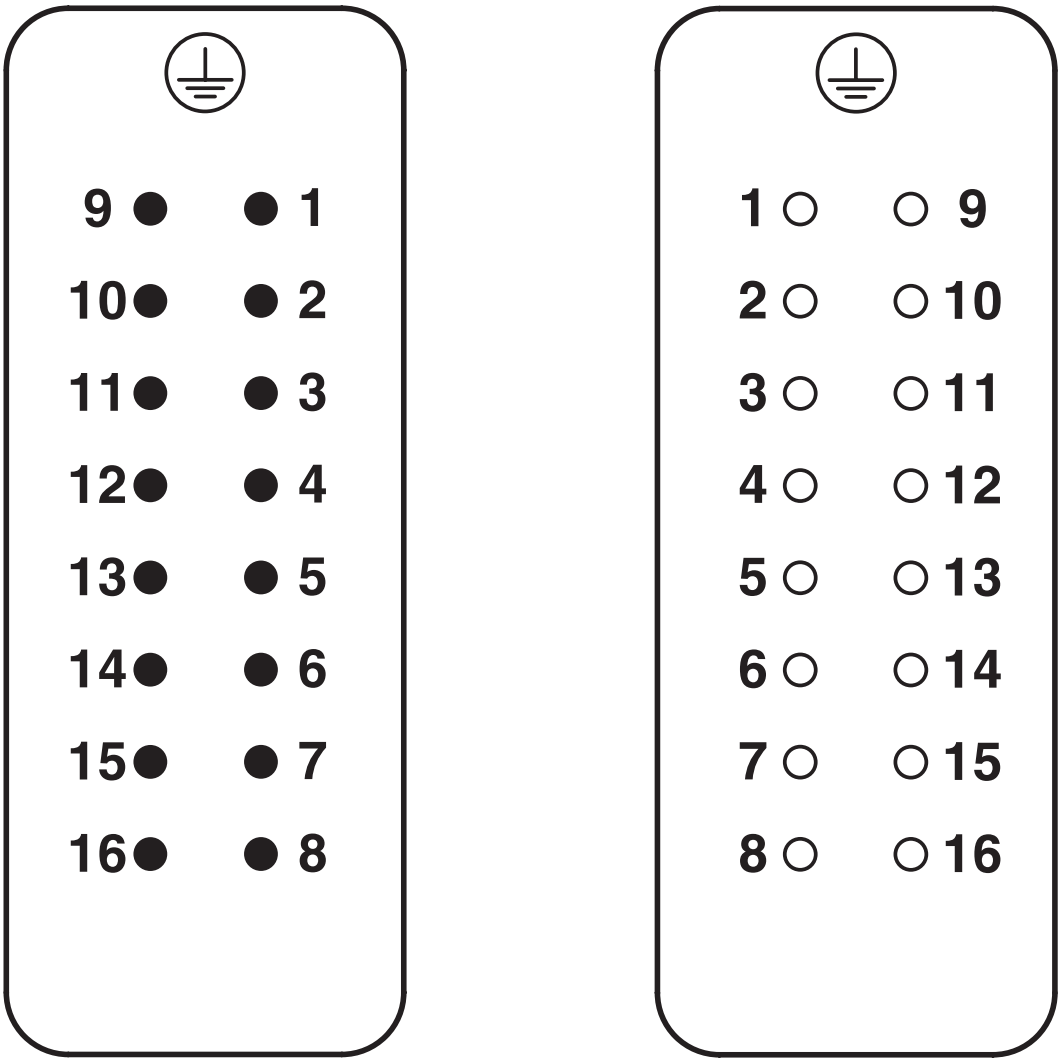
Drawings

Dimensional drawing



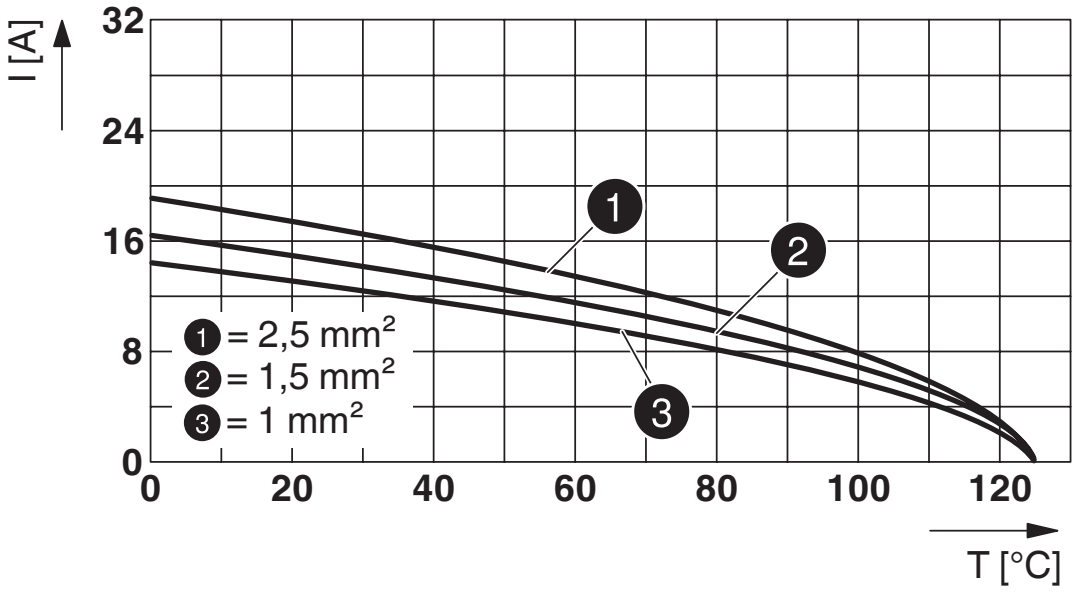
Mounting cutout

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/1424461

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
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	b3027077-0fdf-4f2d-bc75-9591252de914

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