

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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

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

Technical data

General

Locking latch material	PA
Integrated protective cover	Yes

Standards and Regulations

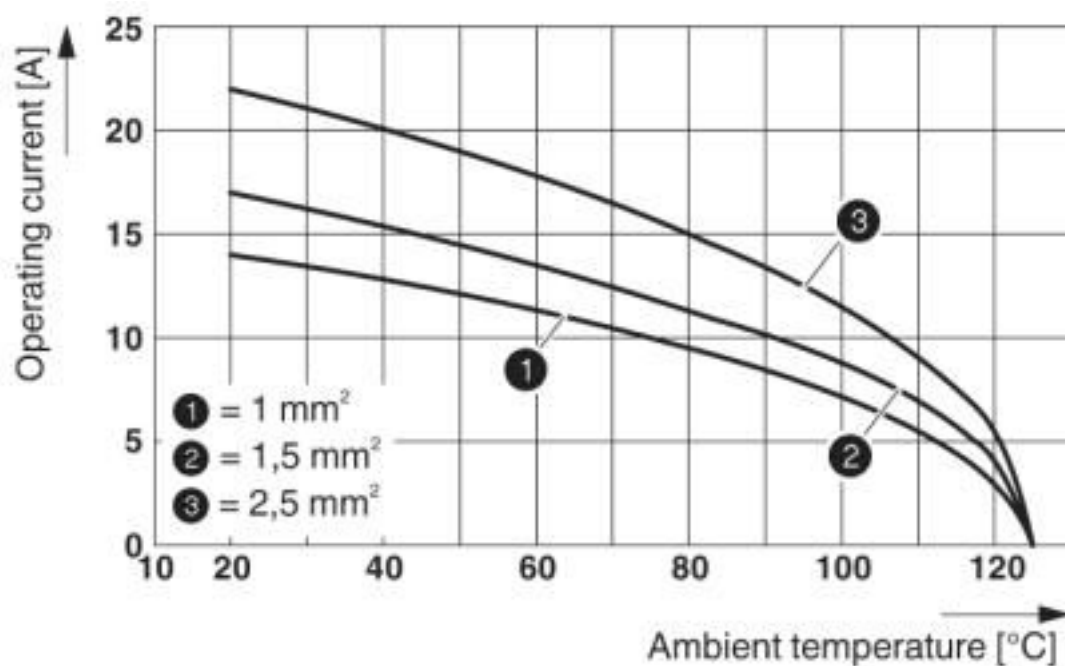
Flammability rating according to UL 94	V0
--	----

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

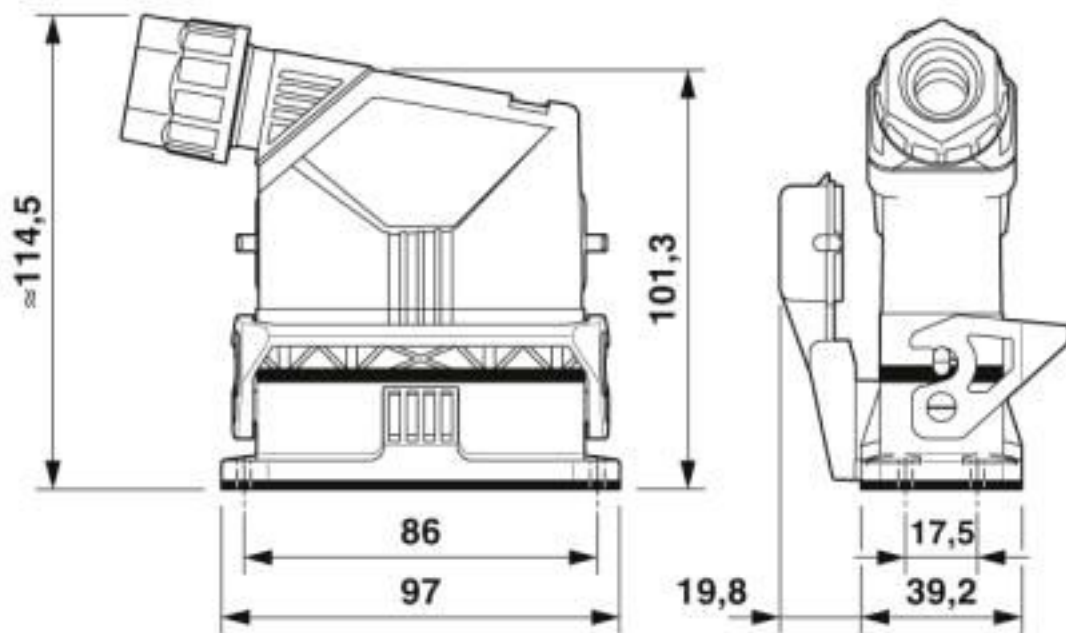
Diagram



Derating diagram

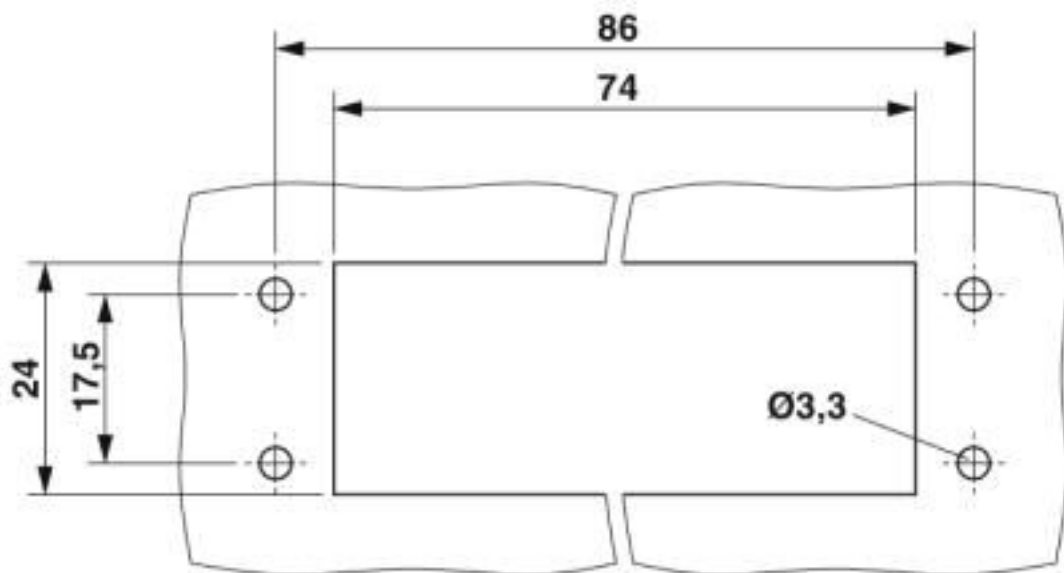
Connector set - HC-EVO-A16UT-BWSC-HH-M25-PLRBK - 1411359

Dimensional drawing



Dimensional drawing

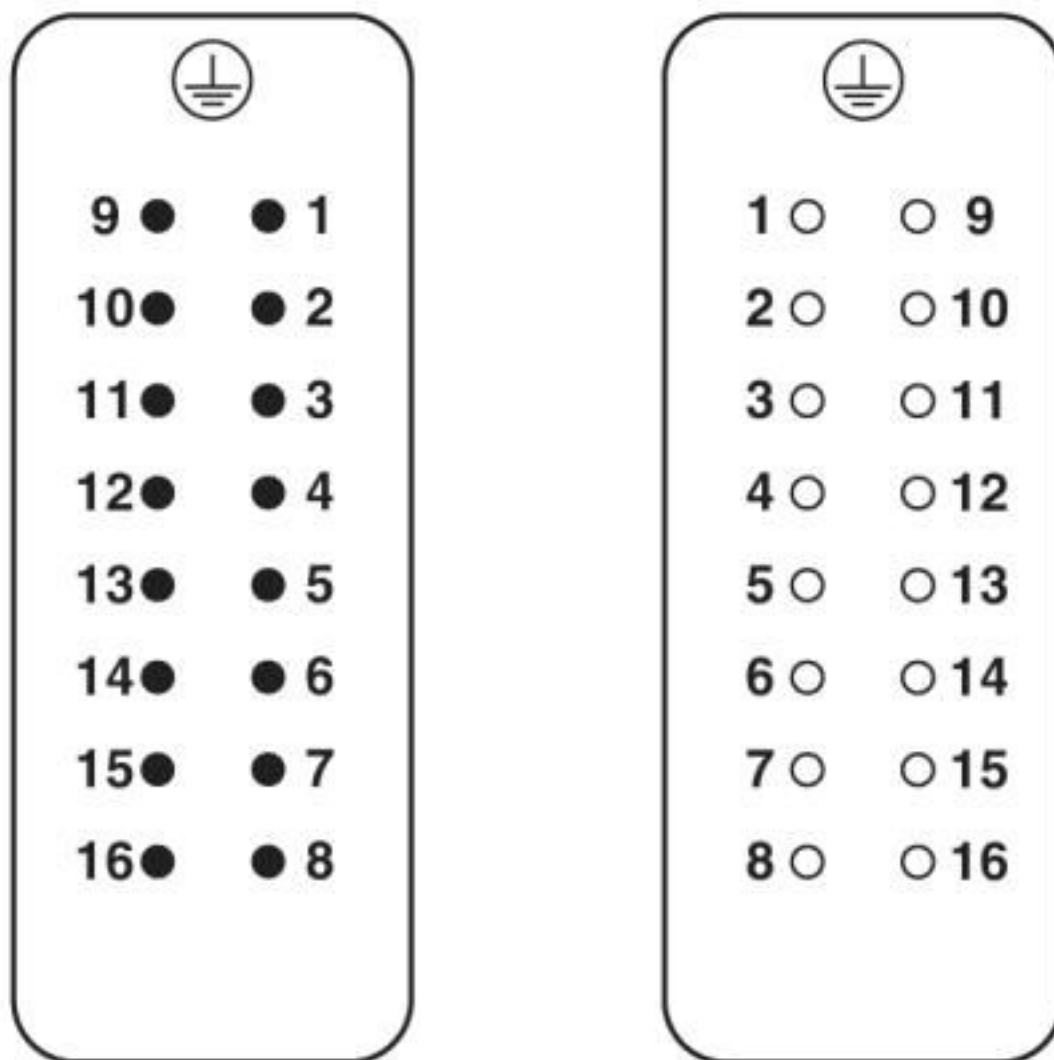
Dimensional drawing



Mounting cutout

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

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

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

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

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

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
-----	---	--------------------------

Phoenix Contact 2020 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1411359](#)