

QPD W 4PE2,5 M25 DT BK - Panel feed-through



1140026

<https://www.phoenixcontact.com/us/products/1140026>

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 documentation. Our general terms of use for downloads are valid.



Panel feed-through, connection method: Push-in connection, number of positions: 4+PE, M25, Pin, 1 mm² ... 2.5 mm², 690 V, 20 A, PA, black, without QUICKON nut, coding: coded, external cable diameter: 6 mm ... 11 mm

Your advantages

- Innovative and time saving - QUICKON fast connection for time saving of up to 80 % for on-site connection
- Robust throughout: housing with IP68/IP69K and IK07 protection for a wide range of applications
- Efficient - by using panel feed-throughs, devices no longer need to be opened in order to connect cables

Commercial data

Item number	1140026
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF50
Product key	AF6ACB
GTIN	4063151089306
Weight per piece (including packing)	36.6 g
Weight per piece (excluding packing)	36 g
Customs tariff number	85366990
Country of origin	PL

QPD W 4PE2,5 M25 DT BK - Panel feed-through



1140026

<https://www.phoenixcontact.com/us/products/1140026>

Technical data

Product properties

Product type	Panel feed-through
Product family	QPD
Type	QPD 5x2,5
Number of positions	5
Connection profile	4+PE
Position marking	1, 2, 3, N, PE
Number of connections	10
Number of connections per position	1
Coding	coded

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Connection data

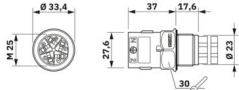
Connection technology

Connection method On the device side	Push-in connection
Frequency of connections between conductors of the same cross section	max. 10
	10

Conductor connection

Conductor cross-section flexibel	1 mm ² ... 2.5 mm ²
Conductor cross-section solid	1 mm ² ... 2.5 mm ²
Connection cross section AWG	16 ... 14
Tightening torque Union nut	10 Nm
Tightening torque Locking nut	5 Nm
Wrench size Union nut	27 mm
Wrench size Locking nut	30 mm

Dimensions

Dimensional drawing	
Width	34.6 mm
Height	34.6 mm
Length	53 mm
Diameter	34.6 mm
Wrench size	27 mm
Wrench size for mounting	27 mm

Electrical properties

Rated surge voltage (II/2)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (III/3)	6 kV
Rated current	20 A
Contact resistance	< 3 mΩ
rated voltage (II/2)	1000 V
rated voltage (III/2)	1000 V
Rated voltage (III/3)	690 V
Nominal voltage U_N	690 V AC
	690 V DC
Nominal current I_N	20 A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	max. 50
-----------------------------	---------

Material specifications

Color	black (RAL 9005)
Material Housing	PA
Material Contact	Cu
Material Contact surface	silver-plated
Flammability rating according to UL 94	V0
Material wire insulation	PVC/PE/TPE/rubber

Cable/line

External cable diameter	6 mm ... 11 mm
Wire diameter including insulation	2 mm ... 3.8 mm
Stripping length of the individual wire	12 mm
Position marking	1, 2, 3, N, PE

Mounting

Mounting type	Front mounting M25
Assembly note	For 2.5 mm² cables with ferrule, only CRIMPFOX 10S pliers (1212045) with square crimp can be used. CRIMPFOX 6H hexagonal crimping pliers (1212046) cannot be used, because the diameter on the diagonal is too large.

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP68 (2 m / 24 h)
	IP69K
	Touch-proof when not plugged in (IP2X)

QPD W 4PE2,5 M25 DT BK - Panel feed-through



1140026

<https://www.phoenixcontact.com/us/products/1140026>

Impact strength	IK07
Ambient temperature (operation)	-40 °C ... 100 °C
Temperature when conductor connected	-5 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

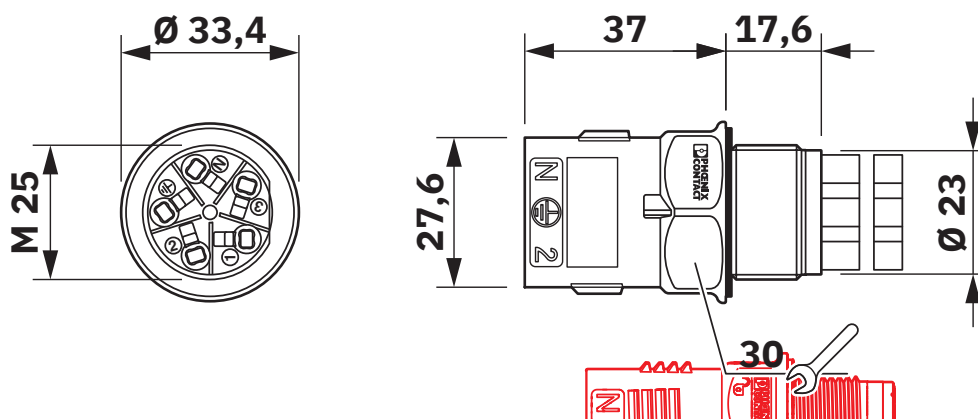
QPD W 4PE2,5 M25 DT BK - Panel feed-through

1140026

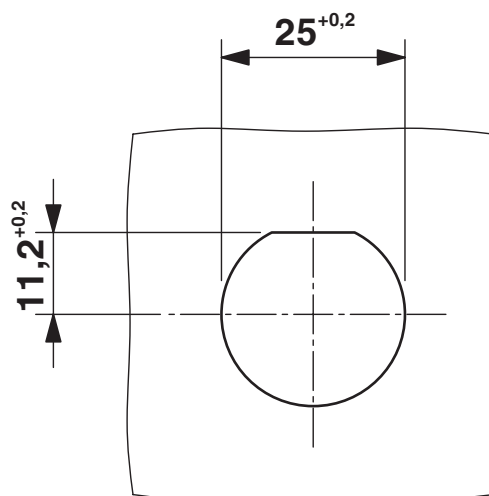
<https://www.phoenixcontact.com/us/products/1140026>

Drawings

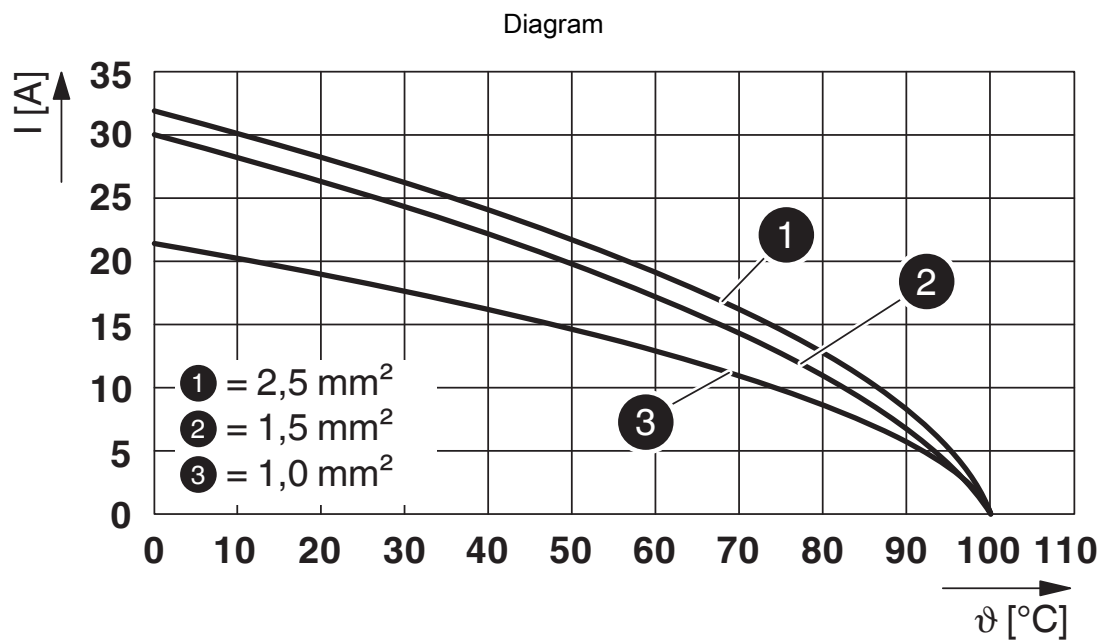
Dimensional drawing



Dimensional drawing



Panel cutout



QPD W 4PE2,5 M25 DT BK - Panel feed-through



1140026

<https://www.phoenixcontact.com/us/products/1140026>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1140026>

 UL Listed Approval ID: E468743				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	600 V	10 A	- 14	-

 cUL Listed Approval ID: E468743				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	600 V	10 A	- 14	-

 DNV GL Approval ID: TAE00003J5				
--	--	--	--	--

QPD W 4PE2,5 M25 DT BK - Panel feed-through



1140026

<https://www.phoenixcontact.com/us/products/1140026>

Classifications

ECLASS

ECLASS-13.0	27440602
ECLASS-15.0	27440602

ETIM

ETIM 10.0	EC002566
-----------	----------

UNSPSC

UNSPSC 21.0	39121500
-------------	----------

QPD W 4PE2,5 M25 DT BK - Panel feed-through



1140026

<https://www.phoenixcontact.com/us/products/1140026>

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%
-------------------------------------	----------------------------

EF3.1 Climate Change

CO2e kg	0.582 kg CO2e
---------	---------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com