

# IPD WD 5P2,5 M25 BK - Panel feed-through



1047345

<https://www.phoenixcontact.com/us/products/1047345>

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Panel feed-through, product family: IPD, connection method: Push-in connection/ Push-in connection, number of positions: 4+PE, M25, 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, 600 V, 20 A, PA, black, external cable diameter: 7 mm ... 11 mm and 11 mm ... 16 mm

## Your advantages

- Convenient: quick and easy assembly without special tools

## Commercial data

Item number	1047345
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF51
Product key	BF6ICA
GTIN	4055626646169
Weight per piece (including packing)	82.9 g
Weight per piece (excluding packing)	80.5 g
Customs tariff number	85366990
Country of origin	CN

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## Technical data

### Product properties

Product type	Panel feed-through
Product family	IPD
Number of positions	5
Connection profile	4+PE
Position marking	1, 2, 3, N, PE
Type	Direct connection

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Connection data

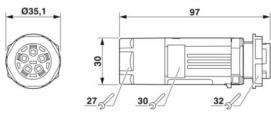
#### Connection technology

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

#### Conductor connection

Conductor cross section flexibel	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section solid	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Connection cross section AWG	20 ... 14

### Dimensions

Dimensional drawing	
Width	33.5 mm
Length	96.9 mm

### Electrical properties

Rated surge voltage (III/3)	6 kV
Rated current	20 A
Rated voltage (III/3)	600 V
Nominal voltage U <sub>N</sub>	690 V AC 690 V DC
Nominal current I <sub>N</sub>	20 A (observe derating)

### Mechanical properties

#### Mechanical data

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Insertion/withdrawal cycles	10
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## Material specifications

Color	black (RAL 9005)
Material Housing	PA
Material Contact	Cu
Material Contact surface	Ni/Sn
Flammability rating according to UL 94	V0

## Cable/line

External cable diameter ( )	7 mm ... 11 mm
	11 mm ... 16 mm
Stripping length of the individual wire	10 mm
Position marking	1, 2, 3, N, PE

## Mounting

Mounting type	Front mounting M25
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP66
	IP68 (2 m / 24 h)
	IP69K
Ambient temperature (operation)	-40 °C ... 100 °C (T = 55 °C)
Temperature when conductor connected	-5 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 100 °C
Resistance to UV radiation	yes

## Standards and regulations

Resistance to UV radiation	yes
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## Classifications

### ECLASS

ECLASS-11.0	27440602
ECLASS-13.0	27440602
ECLASS-12.0	27440602

### ETIM

ETIM 9.0	EC002566
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### UNSPSC

UNSPSC 21.0	39121500
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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