

# PLD E 608-CO-FS - Connector



2702309

<https://www.phoenixcontact.com/us/products/2702309>

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Socket for power supply and series connection, black, 3-pos.



## Commercial data

Item number	2702309
Packing unit	1 pc
Sales key	DR08
Product key	DRL23Z
Catalog page	Page 500 (C-6-2019)
GTIN	4055626113357
Weight per piece (including packing)	19.57 g
Weight per piece (excluding packing)	18 g
Customs tariff number	85366990
Country of origin	DE

## Technical data

### Product properties

Type	Installation coupler
Product type	Installation connector
Number of positions	3
Connection profile	2+PE
Number of connections	3

### Insulation characteristics

Degree of pollution	2
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### Electrical properties

Rated surge voltage (II/2)	4 kV
Rated current	16 A (in accordance with EN 61984 at 70°C)
Rated voltage (I/2)	250 V

### Connection data

#### Connection technology

Connection method	Screw connection
Frequency of connections between conductors of the same cross section	5 (in accordance with EN 61984)

#### 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
Tightening torque Contact carrier	0.3 Nm

### Dimensions

Width	28 mm
Height	12.6 mm
Length	68.2 mm

### Material specifications

Flammability rating according to UL 94	V2
Housing surface material	uncoated
Contact material	Brass
Contact surface material	surface-protected
Housing material	Polyamide (PA 6.6)

### Cable/line

External cable diameter ( )	7.5 mm ... 8.5 mm (3x 1.5□mm <sup>2</sup> )
	9.5 mm ... 10.5 mm (3x 2.5□mm <sup>2</sup> )
Stripping length of the individual wire	7 mm

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## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	10 (in accordance with EN 61984)
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection (when plugged in)	IP40 (plugged in)
Degree of protection	IP20
	IP40 (plugged in)
Ambient temperature (operation)	70 °C
Ambient temperature (storage/transport)	-30 °C ... 70 °C

## Mounting

Mounting type	Plug-in mounting
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## Classifications

### ECLASS

ECLASS-11.0	27440312
ECLASS-12.0	27440312

### ETIM

ETIM 8.0	EC002641
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### UNSPSC

UNSPSC 21.0	39121400
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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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