PLD E 608-CO-FS - Connector

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
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

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

Insulation characteristics

Degree of pollution	2

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 mm² ... 2.5 mm²
Conductor cross-section solid	0.5 mm² ... 2.5 mm²
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 material	PA 6.6
Housing surface material	uncoated
Contact material	Brass
Contact surface material	surface-protected

Cable/line

External cable diameter	7.5 mm ... 8.5 mm (3x 1.5 mm²)
	9.5 mm ... 10.5 mm (3x 2.5 mm²)

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	10 (in accordance with EN 61984)

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

Classifications

UNSPSC

UNSPSC 21.0	39121400

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%

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