

PDCC-138MS-3CON - Connector



1559235

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Connector, 3-position, Plug straight 1-3/8" - 16UN, coding: Standard, Screw connection, knurl
material: Brass, nickel-plated, external cable diameter 12 mm ... 18 mm

Commercial data

Item number	1559235
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF37
Product key	AF2IDB
GTIN	4067923039803
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Country of origin	US

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Technical data

Notes

Assembly note	with packaging
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Product properties

Product type	Circular connector (cable-side)
Number of positions	3
Shielded	no

Dimensions

External dimensions	
Outside diameter	12 mm ... 18 mm

Material specifications

Seal material	NBR
Material of grip body	Black polyamide
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PBT
Material for screw connection	Brass, nickel-plated

Connection data

Conductor connection	
Connection method	Screw connection
Connection cross section AWG	14 ... 10
Tightening torque	1-3/8" connector

Electrical properties

Nominal voltage U_N	600 V AC (UL rating)
	50 V AC (IEC rating)
Nominal current I_N	45 A Cable rated > 75°C (45 A (10 AWG), 35 A (12 AWG), 30 A (14 AWG))

Connector

Connection 1	
Head design	Plug
Head cable outlet	straight
Head thread type	1-3/8" - 16UN
Coding	Standard

Environmental and real-life conditions

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Ambient conditions

Degree of protection	IP67
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Standards and regulations

Standards/specifications	UL 2237
Note	SCCR 65kA

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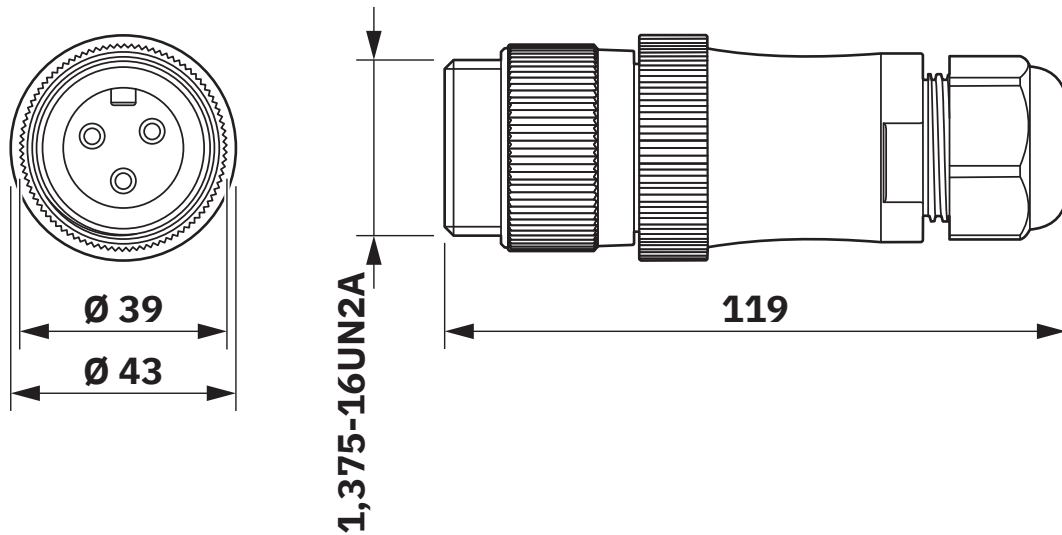
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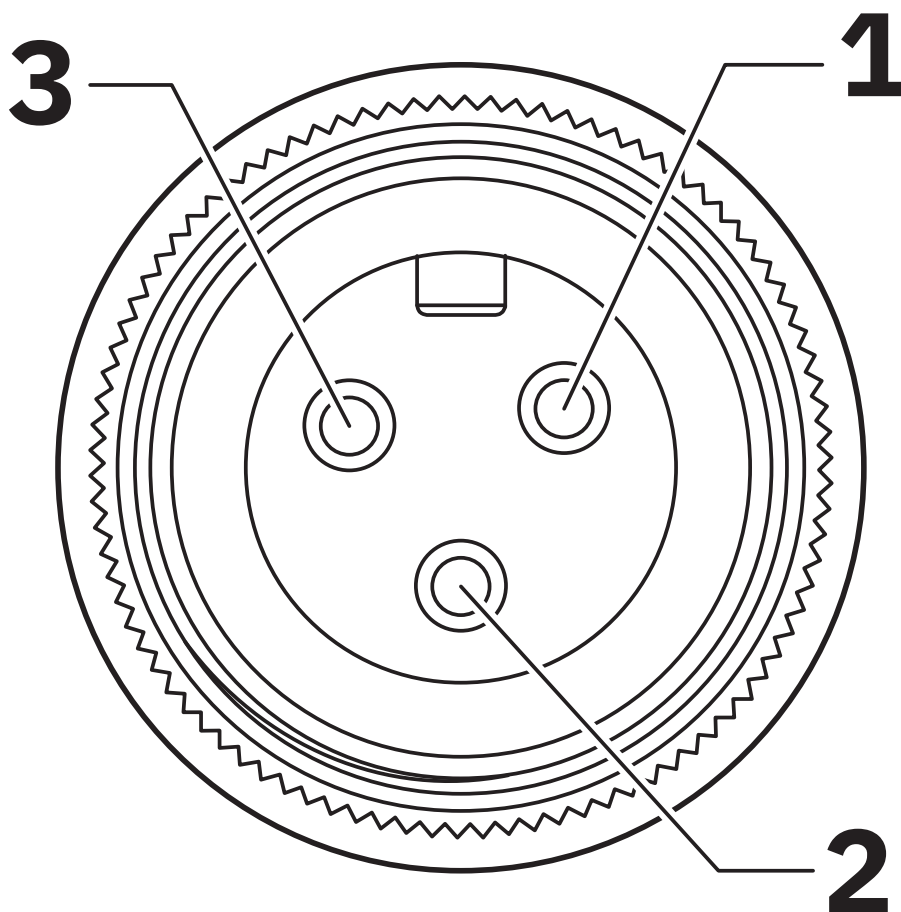
Drawings

Dimensional drawing



Plug 1-3/8"-16UNF, straight

Schematic diagram



Pin assignment, plug, 1-3/8"-16UNF, 3-pos., view of male side

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1559235>



cULus Listed

Approval ID: E468743

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Classifications

ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

ETIM

ETIM 9.0	EC002635
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)