

PDCC-138FS-4CON - Connector



1559239

<https://www.phoenixcontact.com/us/products/1559239>

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Connector, 4-position, Socket straight 1-3/8" - 16UN, coding: Standard, Screw connection, knurl material: Nickel-plated brass, external cable diameter 12 mm ... 18 mm

Commercial data

Item number	1559239
Packing unit	1 pc
Sales key	BF37
Product key	BF2IDB
GTIN	4067923038073
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
Trade restriction	
CE note	The products are offered exclusively for export outside the EU and the European Economic Area.

Product properties

Product type	Circular connector (cable-side)
Number of positions	4
Shielded	no
Data management status	
Article revision	00

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	Nickel-plated brass

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
Nominal current I_N	40 A Cable rated > 75°C (40 A (10AWG), 30 A (12AWG), 24 A (14AWG))

Connector

Connection 1	
Head design	Socket
Head cable outlet	straight

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Head thread type	1-3/8" - 16UN
Coding	Standard

Environmental and real-life conditions

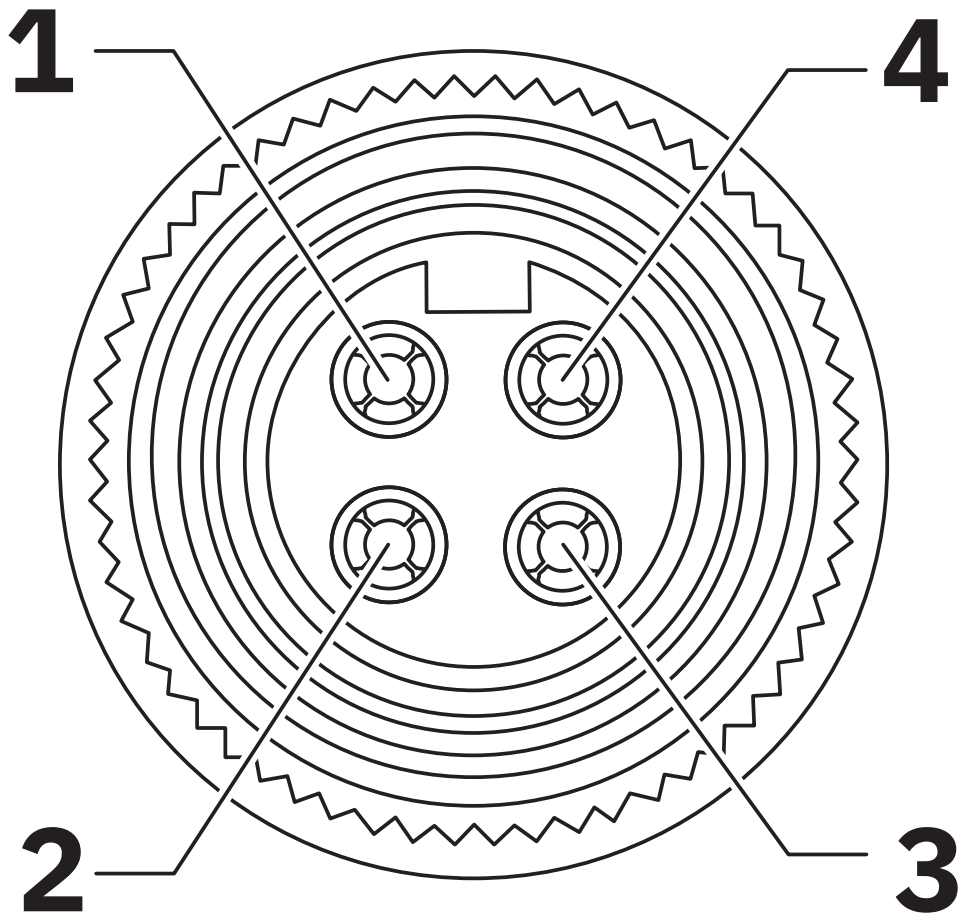
Ambient conditions	
Degree of protection	IP67

Standards and regulations

Standards/specifications	UL 2237
Note	SCCR 65kA

Drawings

Schematic diagram



Pin assignment, socket, 1-3/8"-16UNF, 4-pos., view of female side

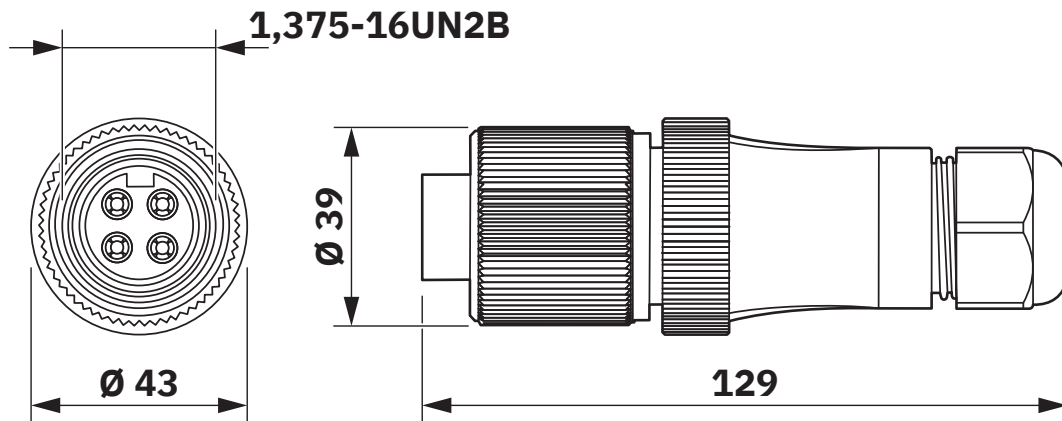
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Dimensional drawing



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

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1559239>

 cULus Listed Approval ID: E468743	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	600 V	-	- 40	-

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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-13.0	27440116

ETIM

ETIM 8.0	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)

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