

PDCC-138MS-3CON - Connector



1559235

<https://www.phoenixcontact.com/us/products/1559235>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Connector, 3-position, Plug 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	1559235
Packing unit	1 pc
Sales key	BF37
Product key	BF2IDB
GTIN	4067923039803
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Country of origin	US

PDCC-138MS-3CON - Connector



1559235

<https://www.phoenixcontact.com/us/products/1559235>

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	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	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	45 A Cable rated > 75°C (15 A (14AWG), 10 A (16AWG), 8 A (18AWG), 4 A (20-22AWG))

Connector

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

PDCC-138MS-3CON - Connector



1559235

<https://www.phoenixcontact.com/us/products/1559235>

Environmental and real-life conditions

Ambient conditions

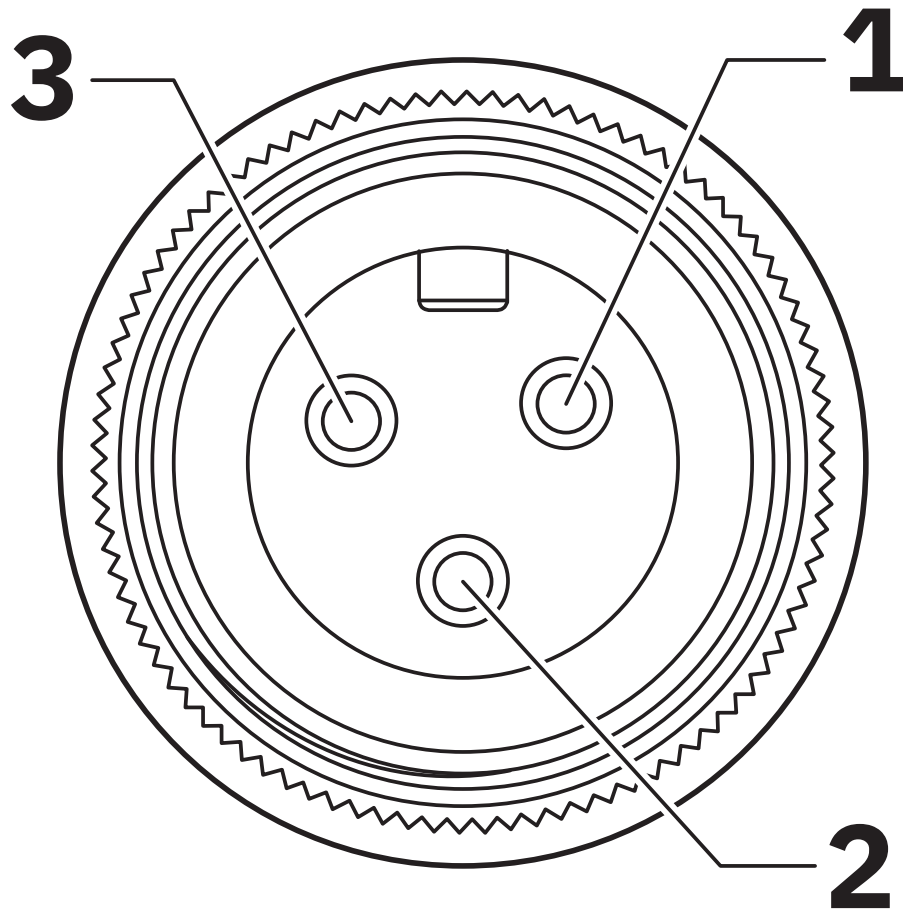
Degree of protection	IP67
----------------------	------

Standards and regulations

Standards/specifications	UL 2237
Note	SCCR 65kA

Drawings

Schematic diagram



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

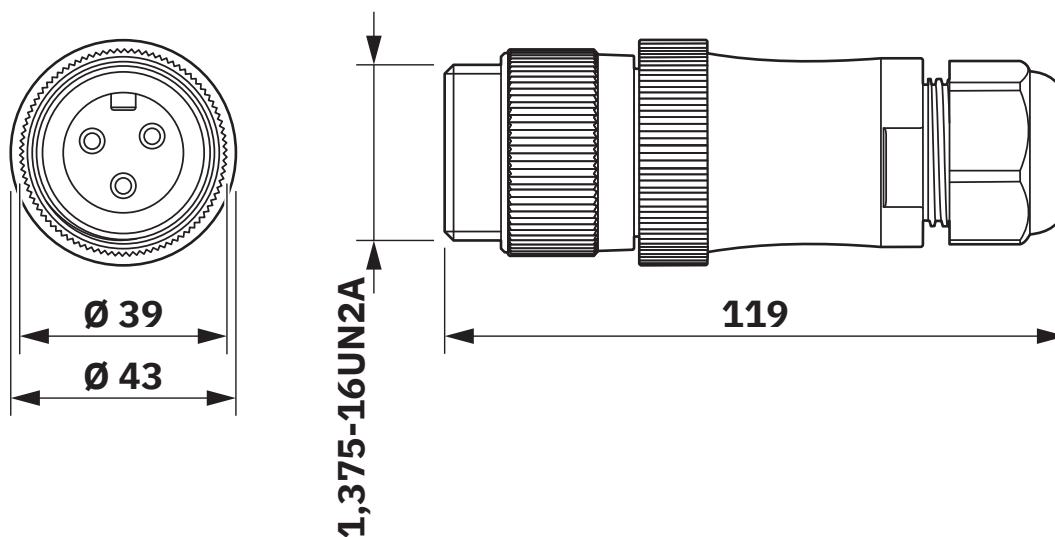
PDCC-138MS-3CON - Connector

1559235

<https://www.phoenixcontact.com/us/products/1559235>



Dimensional drawing



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

PDCC-138MS-3CON - Connector



1559235

<https://www.phoenixcontact.com/us/products/1559235>

Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-13.0	27440116

ETIM

ETIM 8.0	EC002635
----------	----------

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com