

HCC 4-MC - Plug

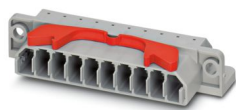
1660669

<https://www.phoenixcontact.com/us/products/1660669>



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.

Plug, nom. voltage: 400 V, nominal current: 13.5 A, number of connections: 10, connection method: Crimp connection, Rated cross section: 1.5 mm², cross section: 0.2 mm² - 4 mm², mounting type: direct screw connection, color: gray



Your advantages

- Sturdy strain relief for plug and socket
- Touch proof, even when unplugged

Commercial data

Item number	1660669
Packing unit	50 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Sales key	BE19
Product key	BE1ZWX
Catalog page	Page 439 (C-3-2013)
GTIN	4017918022266
Weight per piece (including packing)	15.2 g
Weight per piece (excluding packing)	15.2 g
Customs tariff number	85366990
Country of origin	PL

HCC 4-MC - Plug

1660669

<https://www.phoenixcontact.com/us/products/1660669>



Technical data

Product properties

Product type	High current terminal block
Number of connections	10
Number of rows	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	0.77 W

Connection data

Number of connections per level	10
Nominal cross section	2.5 mm ²
Connection in acc. with standard	IEC 61984
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 4 mm ²
Conductor cross section, flexible [AWG]	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 4 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 2.5 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 2.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 2.5 mm ²
Nominal current	13.5 A
Maximum load current	13.5 A (with STG-MTN 0,5-1,0 contact)
	20 A (with STG-MTN 1,5-2,5 contact)
Nominal voltage	400 V
Nominal cross section	1.5 mm ²

Dimensions

Width	92 mm
Height	34.6 mm
Depth	17 mm
Drill hole spacing	83 mm

Material specifications

Color	gray (RAL 7042)
-------	-----------------

HCC 4-MC - Plug

1660669

<https://www.phoenixcontact.com/us/products/1660669>



Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	No
-----------------	----

Technical data

Drill hole spacing	83 mm
--------------------	-------

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 61984
----------------------------------	-----------

Mounting

Mounting type	direct screw connection
---------------	-------------------------

HCC 4-MC - Plug

1660669

<https://www.phoenixcontact.com/us/products/1660669>



Drawings

Circuit diagram



HCC 4-MC - Plug

1660669

<https://www.phoenixcontact.com/us/products/1660669>



Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1660669>



EAC

Approval ID: RU C-DE.BL08.B.00511

HCC 4-MC - Plug

1660669

<https://www.phoenixcontact.com/us/products/1660669>



Classifications

ECLASS

ECLASS-11.0	27141151
ECLASS-12.0	27141151
ECLASS-13.0	27250306

ETIM

ETIM 9.0	EC002021
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

HCC 4-MC - Plug

1660669

<https://www.phoenixcontact.com/us/products/1660669>



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%

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