

HCC 4-MC - Plug

1660669

<https://www.phoenixcontact.com/de/produkte/1660669>



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Plug, nom. voltage: 400 V, nominal current: 13.5 A, 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	1 pc
Note	Made to Order (non-returnable)
Sales Key	A1 - Reihenklemmen
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

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 solid	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)
Flexible conductor cross section flexible (ferrule, w/o 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	17 mm
Length	34.6 mm
Drill hole spacing	83 mm

Material specifications

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

Mechanical properties

Mechanical data

Open side panel	No
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Technical data

Drill hole spacing	83 mm
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature 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 (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 61984
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Mounting

Mounting type	direct screw connection
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Drawings

Circuit diagram



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Approvals



EAC

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

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Classifications

ECLASS

ECLASS-9.0	27141151
ECLASS-10.0.1	27141151
ECLASS-11.0	27141151
ECLASS-12.0	27141151
ECLASS-13.0	27250306

ETIM

ETIM 8.0	EC002021
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UNSPSC

UNSPSC 21.0	39121400
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

HCC 4-MC MT 0,5-1,0 BAND - Module female contact

1600108

<https://www.phoenixcontact.com/de/produkte/1600108>

Module female contact, color: gray



HCC 4-FC - Female insert

1600030

<https://www.phoenixcontact.com/de/produkte/1600030>

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



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