HCC 4-MC - Plug

1660669

https://www.phoenixcontact.com/pc/products/1660669

Plug, nom. voltage: 400 V, nominal current: 13.5 A, number of connections: 10, connection method: Crimp connection, Rated cross section: 1.5 mm^2, cross section: 0.2 mm^2 - 4 mm^2, mounting type: direct screw connection, color: gray
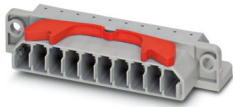
Your advantages

• 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)
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

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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 mm²
Connection in acc. with standard	IEC 61984
Conductor cross section rigid	0.2 mm² ... 4 mm²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm² ... 4 mm²
Conductor cross section, flexible [AWG]	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² ... 4 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm² ... 4 mm²
2 conductors with same cross section, solid	0.2 mm² ... 2.5 mm²
2 conductors with same cross section, flexible	0.2 mm² ... 2.5 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm² ... 1.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² ... 2.5 mm²
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 mm²

Dimensions

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

Material specifications

Color	gray (RAL 7042)

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

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Drawings

Circuit diagram

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002021

UNSPSC

UNSPSC 21.0	39121400

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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%