

HCC 4-FC - Female insert

1600030

<https://www.phoenixcontact.com/us/products/1600030>



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Female insert, nom. voltage: 400 V, nominal current: 13.5 A, number of connections: 10, number of positions: 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	1600030
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	4017918021764
Weight per piece (including packing)	12.46 g
Weight per piece (excluding packing)	11.88 g
Customs tariff number	85472000
Country of origin	DE

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Technical data

Product properties

Product type	High current terminal block
Number of positions	10
Pitch	7.62 mm
Number of connections	10
Number of rows	1
Potentials	10

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	27.6 mm
Depth	17 mm
Drill hole spacing	83 mm

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Pitch	7.62 mm
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Material specifications

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 (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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Classifications

ECLASS

ECLASS-11.0	27141190
ECLASS-12.0	27141190
ECLASS-13.0	27141190

ETIM

ETIM 9.0	EC002848
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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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