

## Female insert - HCC 4-FC - 1600030

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Female insert, nom. voltage: 400 V, nominal current: 13.5 A, connection method: Crimp connection, number of connections: 10, number of positions: 10, cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 12, width: 92 mm, height: 17 mm, color: gray, mounting type: direct screw connection



### Your advantages

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

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 021764
GTIN	4017918021764
Weight per Piece (excluding packing)	13.310 g
Custom tariff number	85472000
Country of origin	Germany

### Technical data

#### General

Number of positions	10
Number of levels	1
Number of connections	10
Potentials	10
Nominal cross section	2.5 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V2

# Female insert - HCC 4-FC - 1600030

## Technical data

### General

Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	0.77 W
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 current $I_N$	13.5 A
Nominal voltage $U_N$	400 V
Open side panel	No

### Dimensions

Width	92 mm
Length	27.6 mm
Height	17 mm
Drill hole spacing	83 mm
Pitch	7.62 mm

### Connection data

Connection method	Crimp connection
Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>

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### Technical data

#### Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm <sup>2</sup>

#### Standards and Regulations

Connection in acc. with standard	IEC 61984
Flammability rating according to UL 94	V2

#### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

Circuit diagram



### Classifications

#### eCl@ss

eCl@ss 10.0.1	27141190
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27149200
eCl@ss 7.0	27149214
eCl@ss 8.0	27149214

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## Classifications

eCl@ss

eCl@ss 9.0	27141190
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## ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000796
ETIM 5.0	EC002848
ETIM 6.0	EC002848
ETIM 7.0	EC002848

## UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	31162903

## Approvals

Approvals

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Approvals

EAC

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Ex Approvals

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## Approval details

EAC		EAC-Zulassung
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## Accessories

Accessories

Connector

## Female insert - HCC 4-FC - 1600030

### Accessories

#### Female insert - STG-MTN 0,5-1,0 - 3190438



Module socket contact, inserted in the PCC or HCC plug housing after crimping the conductor, for 0.5 mm<sup>2</sup> ... 1.0 mm<sup>2</sup> conductors

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#### Female insert - STG-MTN 0,5-1,0 BA - 3190629



Module socket contact, inserted in the PCC or HCC plug housing after crimping the conductor, for 0.5 mm<sup>2</sup> ... 1.0 mm<sup>2</sup> conductors, ribbon contact

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#### Female insert - STG-MTN 1,5-2,5 - 3190506



Module socket contact, inserted in the PCC or HCC plug housing after crimping the conductor, for 1.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup> conductors

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#### Female insert - STG-MTN 1,5-2,5 BAND - 3190632



Module socket contact, inserted in the PCC or HCC plug housing after crimping the conductor, for 1.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup> conductors, ribbon contact

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### Additional products

#### Plug - HCC 4-MC - 1660669



Plug, nom. voltage: 400 V, nominal current: 13.5 A, connection method: Crimp connection, number of connections: 10, cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 12, width: 92 mm, height: 17 mm, color: gray, mounting type: direct screw connection

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