

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 mm² - 4 mm², 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	50 pc
GTIN	
GTIN	4017918021764

Technical data

General

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

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Technical data

General

	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
Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C

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 ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
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 ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	2.5 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.5 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	2.5 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	0.25 mm ²

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Technical data

Connection data

Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	1.5 mm ²
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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 years
	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
eCl@ss 9.0	27141190

ETIM

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

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Classifications

ETIM

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
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		EAC-Zulassung
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Accessories

Accessories

Connector

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 mm² ... 1.0 mm² conductors

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Accessories

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 mm² ... 1.0 mm² conductors, ribbon contact

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 mm² ... 2.5 mm² conductors

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 mm² ... 2.5 mm² conductors, ribbon contact

Additional products

Plug - HCC 4-MC - 1660669



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