

Contact insert - HC-A04-I-UT-F - 1585249

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HEAVYCON female insert, A4 series, 4-pos., screw connection without wire protection, with IP65 sealing screw

Product Description

without wire protection, with IP65 sealing screw



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 284974
Weight per Piece (excluding packing)	14.85 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Note	For housing HC-D7
Connection method	Screw connection
Tightening torque	0.25 Nm ... 0.5 Nm
Screwdriver blade	0.4 x 2.5 mm
Pollution degree	3
Overvoltage category	III
Number of positions	4+PE
Insertion/withdrawal cycles	≥ 500
Type	D7
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm ² ... 2.5 mm ²
Connection cross section AWG	20 ... 14
Stripping length of the individual wire	5 mm
Assembly instructions	Connectors may be operated only when there is no load/voltage.
Connection	Already includes one IP65 sealing screw

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Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
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Material data

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC
Standards/regulations	PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

Electrical characteristics

Rated voltage for power contacts	230/400 V
Rated voltage (III/3)	230 V (Conductor-PE)
	400 V (Conductor-Conductor)
Rated surge voltage	4 kV
	4 kV
Rated current	24 A

Standards and Regulations

Connection in acc. with standard	IEC / EN
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 4.0	EC000438
ETIM 5.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522

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Classifications

UNSPSC

UNSPSC 13.2	39121522
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Approvals

Approvals

Approvals

EAC / GL

Ex Approvals

Approvals submitted

Approval details

EAC

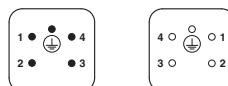
GL

Drawings

Diagram

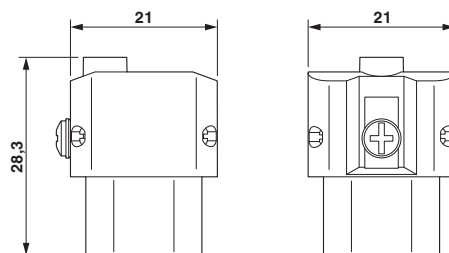
Schematic diagram

Derating diagram



Connector pin assignment connection side: Left pin; right socket

Dimensional drawing



Female insert

