Contact insert - HC-A16-I-UT-F 17-32 - 1585346

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HEAVYCON socket insert, A16 series, 16-pos., screw connection, numbering from 17 ... 32

Your advantages

- can be coded with plastic coding profile (order number 1410916)
- for a test pin 2 mm in diameter

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 285070
GTIN	4046356285070

Technical data

General

Note	for HC-D25 / HC-D 50 housing
	Connectors may be operated only when there is no load/voltage.
Connection method	Screw connection
Tightening torque	0.5 Nm
Screwdriver blade	0.5 x 3.5 mm
Degree of pollution	3
Overvoltage category	III
Number of positions	16+PE
Insertion/withdrawal cycles	≥ 500
Size	D25
Contact numbering	17 - 32
Conductor cross section	0.5 mm² ... 2.5 mm² (applies to stranded conductors with ferrules)
Connection cross section AWG	20 ... 14
Stripping length of the individual wire	7 mm

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Technical data

General

Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required

Ambient conditions

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

Material data

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 (III/3)	250 V
Rated surge voltage	4 kV
	4 kV
Rated current	20 A

Standards and Regulations

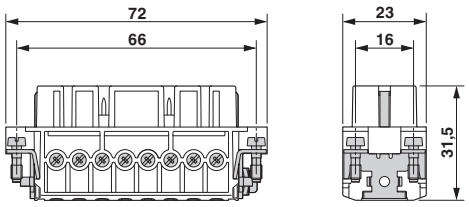
Flammability rating according to UL 94	V0

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

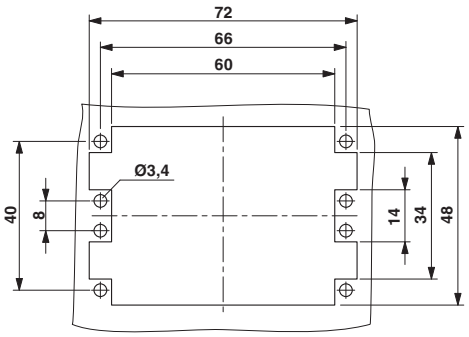
Drawings

Dimensional drawing



Female insert

Dimensional drawing



Mounting cutout when used without housing

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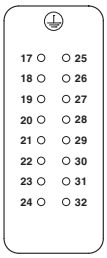
Schematic diagram



Connector pin assignment, connection side

Approvals

Approvals

Approvals

CSA / GL / UL Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

Nominal voltage UN	600 V
Nominal current IN	15 A
mm²/AWG/kcmil	14

GL		http://exchange.dnv.com/tari/	6196614 HH

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976

Nominal voltage UN	600 V
Nominal current IN	19 A
mm²/AWG/kcmil	14

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Approvals

EAC	EAC	RU C-DE.AI30.B.01102

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