

Coupler connector - HC-28P1N1290DU - 1590415

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Coupler connector, straight, Screw locking, M27, Number of positions: 28, Type of contact: Male connector, Solder connection, shielded: yes, Cable diameter: 2 mm...14.5 mm

The figure shows the 26-pos. product version



Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	92.420 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Type of locking	Screw locking
Insertion/withdrawal cycles mechanical	50
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Solder connection
Type of contacts	Male connector
Number of positions	28
Contact diameter of power contacts	1 mm
Litz wire cross section of power contacts min.	0.08 mm ²
Litz wire cross section of power contacts max.	1 mm ²
Nominal current per power contact at 25°C	8 A
Conductor entry	2 mm ... 14.5 mm

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Technical data

General

Pg housing screw connection	none
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Ambient conditions

Ambient temperature	-20 °C ... 125 °C
Degree of protection	IP67

Material

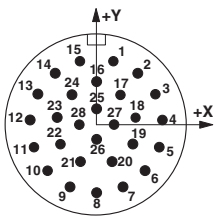
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA66
Contact material	CuZn
Contact surface	Nickel-plated, gold coating
Gasket and O-ring material	FPM

Specifications according to DIN EN 61984:2001

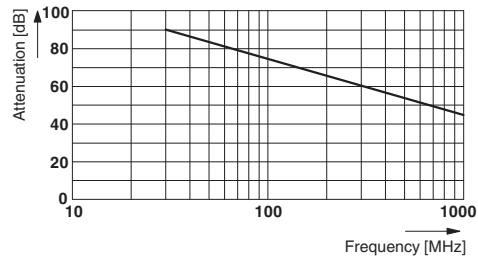
Installation height max.	2000 m
Nominal / operating voltage of power contacts	150 V
Rated surge voltage of power contacts	1.5 kV
Overvoltage category of power contacts	II
Degree of pollution of power contacts	3
Overvoltage category of signal contacts	II
Degree of pollution of signal contacts	3

Drawings

Schematic diagram

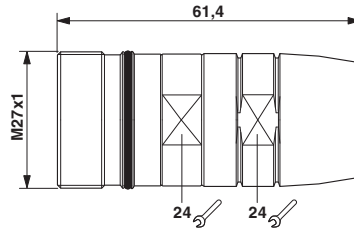


Diagram



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Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	272607xx
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260702
eCl@ss 7.0	27440102
eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002635

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals

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EAC

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Approvals

Ex Approvals

Approval details

EAC B.01742
