

HD36-24-21PE

✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

Hybrid, Housing for male terminals, Wire-to-Wire, 21 Position,
Sealable, Blue, Power & Signal

[View on TE.com >](#)



Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings > DEUTSCH HD30 HOUSINGS



Connector Style: **Housing for male terminals**
Mating Pin Diameter: **1.5 mm, 2.5 mm [.059 in, .098 in]**
Connector System: **Wire-to-Wire**
Number of Positions: **21**
Sealable: **Yes**

[All DEUTSCH HD30 HOUSINGS \(325\)](#)

Features

Product Type Features

Connector Style	Housing for male terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing
Strain Relief	Add By Accessory

Configuration Features

Number of Positions	21
---------------------	----

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240 V
------------------------------	--

Body Features

Cable Exit Angle	180°
Body Material	Other
Color	Blue

Contact Features

Mating Pin Diameter	1.5 mm, 2.5 mm[.059 in][.098 in]
---------------------	----------------------------------

Mechanical Attachment



Terminal Position Assurance	No
Mounting Feature	Without
Polarized	Yes

Dimensions

Height	38.61 mm[1.52 in]
Length	42.33 mm[1.667 in]
Width	49.33 mm[1.942 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

Degree of Protection	IP67
----------------------	------

Packaging Features

Packaging Method	Package
------------------	---------

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent

HD36-24-21PE

Hybrid, Housing for male terminals, Wire-to-Wire, 21 Position, Sealable, Blue, Power & Signal



chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Automotive Connector Caps & Covers(1)



Automotive, Truck, Bus, & Off-Road Housings(1)



Automotive, Truck, Bus, & Off-Road Terminals(24)

Also in the Series | DEUTSCH HD



Automotive Connector Caps & Covers(40)



Automotive Seals & Cavity Plugs(8)



Automotive, Truck, Bus, & Off-Road Housings(589)



Other Automotive Connector Accessories(21)

Also in the Series | DEUTSCH HD30



Automotive Connector Caps & Covers(9)



Automotive Seals & Cavity Plugs(8)



Automotive, Truck, Bus, & Off-Road Housings(325)



Other Automotive Connector Accessories(6)

Customers Also Bought

HD36-24-21PE

Hybrid, Housing for male terminals, Wire-to-Wire, 21 Position, Sealable, Blue, Power & Signal



TE Part #2266102-1
[OCEAN_2.0_APPLICATOR-S-090F090O](#)

TE Part #2266128-1
[OCEAN_2.0_APPLICATOR-S-129F160O](#)

TE Part #2266193-1
[OC-AT-S-FM-062F080O-001-0220](#)

Documents

Product Drawings

[PLUG ASM](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_HD36-24-21PE_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD36-24-21PE_99.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_HD36-24-21PE_99.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English