HD36-24-31ST-059 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

TE Internal #: HD36-24-31ST-059

Housing for Female Terminals, Wire-to-Wire, 31 Position, Sealable,

Wire & Cable, Power, Cable Mount (Free-Hanging), Hybrid

View on TE.com >



Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD30 Housings



Connector System: Wire-to-Wire

Number of Positions: 31

Connector & Housing Type: Housing for Female Terminals

Sealable: Yes

Mating Pin Diameter: 1.6 mm [.063 in]

All DEUTSCH HD30 Housings (358)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Contact Retainer

Configuration Features

Blank Cavity Position	0
Connector Modification	Cable Clamp
Connector Seal Code	T Seal
Number of Positions	31

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 V

Body Features



Cololo Frit Anorlo	1000
Cable Exit Angle	180°
Contact Features	
Contact Size	Size 16
Contact Type	Socket
Mating Pin Diameter	1.6 mm[.063 in]
Contact Current Rating (Max)	13 A
Mechanical Attachment	
Terminal Position Assurance	No
Strain Relief	With
Mating Alignment Type	Guide Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Aluminum Alloy
Dimensions	
Connector Height	81 mm[3.19 in]
Product Width	49.3 mm[1.94 in]
Product Length	49.3 mm[1.94 in]
Compatible Insulation Diameter Range	1.4 – 3.8 mm[.055 – .15 in]
Usage Conditions	
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Degree of Protection	IP67
Packaging Features	
Packaging Quantity	1
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts







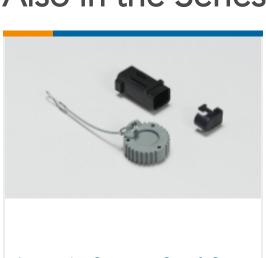








Also in the Series | DEUTSCH HD



Automotive Connector Caps & Covers (32)



Automotive Housings(768)



Connector Backshells(29)



Connector Seals & Cavity Plugs(10)



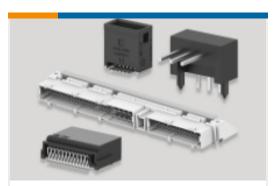
Connector Strain Relief(5)



Insertion & Extraction Tools(11)



Other Automotive Connector Accessories(11)



PCB Headers & Receptacles(1)

Also in the Series | DEUTSCH HD30





Automotive Connector Caps & Covers (14)



Automotive Housings(359)



Connector Backshells(2)





Connector Strain Relief(5)



Insertion & Extraction Tools(10)



Other Automotive Connector Accessories(6)

Customers Also Bought



TE Part #HD34-24-16SN-059
DEUTSCH HD30 Housings



TE Part #2399668-3 H&S 120mm, Cable clip



TE Part #2399667-3 H&S 120mm, SWS





TE Part #AEC14-40PAE-E019 REC, 40P, BLK, E, XCAP, A

TE Part #HD44-24-31PT-059 KT RC HD30 24 SHL 31 WY T SEAL CLMP

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_HD36-24-31ST-059_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_HD36-24-31ST-059_B.3d_igs.zip

Housing for Female Terminals, Wire-to-Wire, 31 Position, Sealable, Wire & Cable, Power, Cable Mount (Free-Hanging), Hybrid



English

Customer View Model

ENG_CVM_CVM_HD36-24-31ST-059_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English