

HDB36-24-91SN-059 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

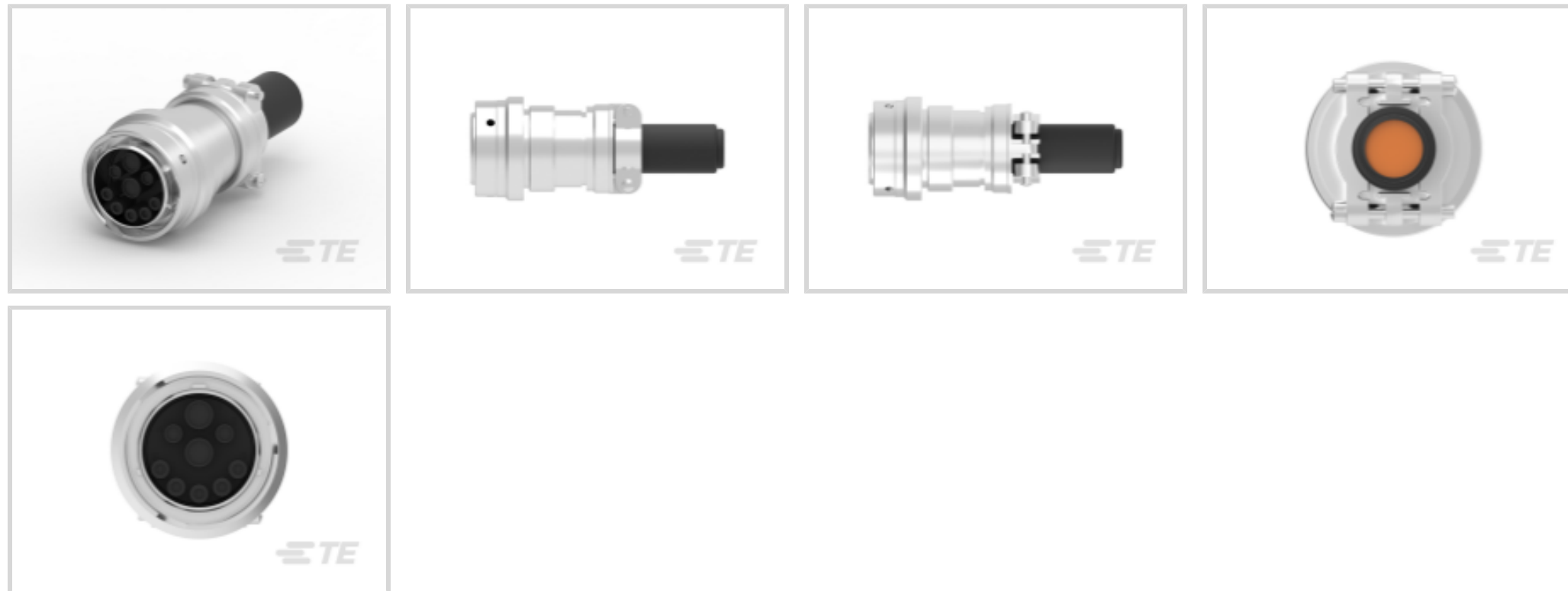
TE Internal #: HDB36-24-91SN-059

Hybrid, Housing for Female Terminals, Wire-to-Wire, 9 Position,
Sealable, Green, Power & Signal

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



Connector & Housing Type: **Housing for Female Terminals**

Mating Pin Diameter: 1.5 mm, 2.5 mm, 4 mm [.059 in, .098 in, .157 in]

Connector System: **Wire-to-Wire**

Number of Positions: 9

Sealable: **Yes**

[All DEUTSCH HD30 HOUSINGS \(324\)](#)

Features

Product Type Features

Connector & Housing Type	Housing for Female 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	9
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Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240 V
Operating Voltage	250 VDC

Body Features



Cable Exit Angle	180°
Body Material	Other
Primary Product Color	Green

Contact Features

Mating Pin Diameter	1.5 mm, 2.5 mm, 4 mm [.059 in][.098 in][.157 in]
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Mechanical Attachment

Terminal Position Assurance	No
Mounting Feature	Without
Polarized	Yes

Dimensions

Height	49.32 mm [1.942 in]
Length	81.05 mm [3.191 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP67
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Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Pb (1.2% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. 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

TE Model / Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS

TE Model / Part # CAT-H3930-CH8172
DEUTSCH HD30 HOUSINGS

TE Model / Part # CAT-H3930-PC8382
DEUTSCH HD30 PLUG PROTECTIVE CAPS

TE Model / Part # CAT-D48-SFT273
DEUTSCH STAMPED & FORMED CONTACTS

TE Model / Part # HDBOX-24-91PN
BOX ASSEMBLY

Also in the Series | DEUTSCH HD



Automotive Connector Caps & Covers (44)



Automotive Seals & Cavity Plugs(8)



Automotive, Truck, Bus, & Off-Road Housings(634)



Insertion & Extraction Tools(12)



Other Automotive Connector Accessories(12)

Also in the Series | DEUTSCH HD30



Automotive Connector Caps & Covers (13)



Automotive Seals & Cavity Plugs(8)



Automotive, Truck, Bus, & Off-Road Housings(326)



Insertion & Extraction Tools(1)



Other Automotive Connector Accessories(8)

Customers Also Bought



Documents

Product Drawings

[BR AWY PL ASM](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_HDB36-24-91SN-059_A_c-hdb36-24-91sn-059-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HDB36-24-91SN-059_A_c-hdb36-24-91sn-059-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HDB36-24-91SN-059_A_c-hdb36-24-91sn-059-a.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English