HDB36-24-91SN-059 ✔ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

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

Housing for Female Terminals, Wire-to-Wire, 9 Position, Sealable, Wire & Cable, Power, Panel Mount, -55 – 125 °C [-67 – 257 °F], Hybrid

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD30 Housings







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

Number of Positions: **9**

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

Sealable: **Yes**

Mating Pin Diameter: **1.6 mm, 2.4 mm, 3.6 mm [.063 in, .094 in, .142 in]**

All DEUTSCH HD30 Housings (358)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
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

Connector Modification	Cable Clamp
Connector Seal Code	N Seal
Number of Positions	9

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 V

Body Features

Cable Exit Angle	180°

Contact Features

Contact Size	Size 12, Size 16, Size 8
Contact Type	Socket
Mating Pin Diameter	1.6 mm, 2.4 mm, 3.6 mm[.063 in][.094 in][.142 in]
Contact Current Rating (Max)	13 A, 25 A, 60 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	With
Mating Alignment Type	Guide Slot
Mating Alignment	With
Connector Mounting Type	Panel Mount

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, 3.6 – 5.2 mm[.055 – .15 in][.14 – .204 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 with Exemptions
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (1.2% in component part) Octamethylcyclotetrasiloxane (D4) (.5% in component part) Decamethylcyclopentasiloxane (D5) (.5% in component part) Dodecamethylcyclohexasiloxane (D6) (.5% 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 Part # HD34-24-91PN-059
REC,9P,AL,N,CBLCLMPBT,DRAIN,8/12/16,P,MC



TE Part # CAT-J67-DSCC16
DEUTSCH Size 16 Crimp Contacts



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # HDBOX-24-91PN
BOX ASSEMBLY



TE Part # 1062-12-0144
SOC, SF, SIZE 12, 12-14, AU/SN



TE Part # 1062-12-0222
SOC, SF, SIZE 12, 10, NI/NI



TE Part # HDC34-24
DUST CAP, 24SZ, PLG, AL, LANYARD, HD30



TE Part # 1062-12-0166
SOC, SF, SIZE 12, 12-14, NI/SN

Also in the Series | DEUTSCH HD



Automotive Connector Caps & Covers (32)



Automotive Housings(768)



Connector Backshells(29)



Connector Seals & Cavity Plugs(10)



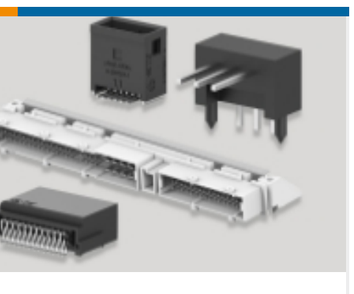
Connector Strain Relief(5)



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 Seals & Cavity Plugs(11)



Connector Strain Relief(5)



Insertion & Extraction Tools(10)



Other Automotive Connector Accessories(6)

Customers Also Bought



TE Part #DT04-12PA-B016
REC, 12P, GRY, N, ENH KEY, A



TE Part #YHDP26-24-18SEL024
DEUTSCH HDP20 Housings



TE Part #HD34-24-91PN
REC, 9P, AL, N, 8/12/16, P



TE Part #2040594-5
SEAL CAP HSG 8P, AMPSEAL16 SEA



TE Part #444309-1
HSG ASS'Y POWER/GRO



TE Part #DRC26-50BT
BOOT, 50P, 20SZ, PLG/REC, ST, BLK

TE Part #HDB36-18-14PE-059
PL 18 SHL 14 WY E SEAL REV BKWY CLMP

Documents

Product Drawings

BR AWY PL ASM,MC

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2310537-1 936348-1 SBCHE154R7K 175977-2 3-1393225-0 3430B2F51RTDF CPF0402B37K4E1 ROX05SJ18R SMW73R0JT 2834055-1 1903112-2 2005330-1 650075-000 3631B101LL MPT100C18RF RH73H2A40MKTN 1-794222-0 1743455-2 2377783-2 CRGCQ2010J3K3 SBCHE64R7K 1393431-1 141991-2 917696-1 TE50BR39J U5254-000005-030PA 1969656-1 2380312-2 1-962915-1 2-292161-3