

DT-XT Sealed Connector System

TE Connectivity's (TE) DT-XT connector system is a new extension of the DEUTSCH connector portfolio featuring innovative, high performance seal technology for all your commercial vehicle applications, no matter how harsh the conditions. Today's complex vehicles include more connectors than ever before. With greater intricacy comes a higher risk of failure, as one compromised seal on a single connector can result in the failure of an entire system.

Our DT-XT connector system, provides advanced seal materials offering greater flexibility, leading to improved tear resistance, while a rear seal cover protects against water ingress.

The rear seals of the DT-XT connector system are constructed of high consistency rubber (HCR), protecting the seal from damage during terminal insertion or extraction. The integrated rear cover on the DT-XT housing protects the seal from cable exit bend radius issues.

TE offers the DT-XT sealed connection system in a broad range of colors and an array of custom options, enhancing poka-yoke and removing the need for labeling of wires.

The DT-XT Connector System is using the XRC - Heavy Duty Stamped and Formed Contact System. This contact system provides a proved, standard, economic option. The solid contact option provides performance geared to larger wire sizes and heavy duty applications.

Benefits and Features

Eases the assembly

- Rear seal and rear cover allow flexible cable exits and movements
- Rear seals made from HCR (high consistency rubber) provides greater tear resistance during terminal insertion/extraction
- Plug and receptacle housings are pre-assembled and seal-tested with internal HCR rear seals and covers
- Housing available in various color codes
- Locking latch has finger grids

Use in robust environments

- Product is IP69K-rated, and J2030 power-wash tested

Advanced design

- The thermoplastic plug housing forms a covalent bond with the LSR seal
- Integrated rear covers on the DT-XT housing removes the bend radius of the seal



XRC Contact System

- Size 16
- Insulation diameter 1.40 to 2.16 mm
- Selective gold
- 14 to 18 AWG
- 24 AWG available now

Key Industries



Agricultural Machines



Construction and Mining Equipment



Special Vehicles



Recreational Vehicles



Truck



Bus

Key Applications



ABS/ESC Brake Unit



Switches



Actuators



Vehicle Sensors

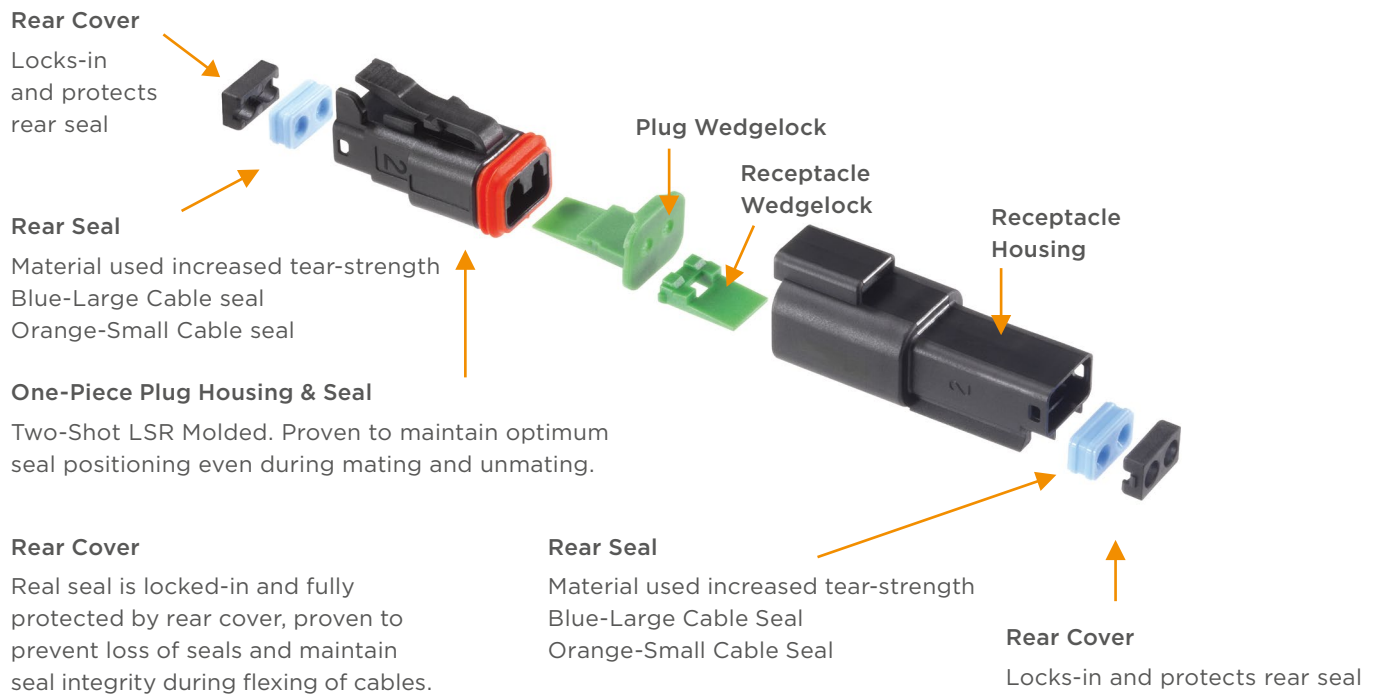


Hydraulic Pumps



LED Lighting

DT-Xt SEALED CONNECTOR SYSTEM



Technical Specifications

Category	Wire-to Wire Connectors
Circuits	2, 3, 4, 6, 8, 12 and 18
Contact Resistance	30 milliohms
Temperature	-55°C to +125°C
Immersion	IP 67, IP68 & IP69K and J2030 power-wash test capable
Current	Up to 13 amps
Voltage	Up to 500VDC
Durability (min)	100 cycles

For technical specifications of the terminals, please check the information provided by TE.

Part Numbers

Circuits	Description	Series No.	Terminals	Wedgelock
2,3,4,6,8,12,18	Receptacle Assembly	X-26000XX-X	20 to 24AWG XRC Pin and Socket Terminals	26000xx-x
	Plug assembly	X-26000XX-X		26000xx-x

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