

TRUST TE CONNECTIVITY FOR RELIABLE CONNECTIONS

SOLUTIONS FOR THE MARINE INDUSTRY

TE Connectivity (TE) offers the reliable solutions that are ready to take on the challenges of the marine industry.



Salt spray, moisture, and vibration can spell disaster for any electrical system. In a marine environment, these factors can leave watercraft dead in the water!

That's why many boat-builders and personal watercraft manufacturers use TE's environmentally sealed connectivity solutions for their applications.



OUR SOLUTIONS ADAPT TO VIRTUALLY ANY MARINE APPLICATION, INCLUDING:

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Lights/Audio

- AMPSEAL 16 Connectors
- DEUTSCH DT Connectors
- DEUTSCH DTM Connectors

Security Module

- DEUTSCH EEC Box

Lavatory

- DEUTSCH DTP Connectors

Windlass (Anchor System)

- DEUTSCH DTP Connectors

2

Controls/ Displays/Panels

- DEUTSCH DT Connectors
- DEUTSCH DTHD Connectors
- DEUTSCH DTP Connectors
- DEUTSCH HD10 Connectors
- DEUTSCH HDP20 Connectors
- KISSLING Switches

Joysticks

- AMPSEAL 16 Connectors
- DEUTSCH DT Connectors

3

Bilge Pumps

- DEUTSCH DT Connectors

Bulkhead

- DEUTSCH DRB Connectors
- DEUTSCH DRC Connectors
- DEUTSCH HDP20 Connectors
- AMPSEAL 16 Mini Lever

Power Distribution Boxes

- Single MAXI Fuse Holders
- Dual Sealed Mini Fuse Holders
- 8P Fuse and Relay Enclosures
- 24P Fuse and Relay Enclosures

4

Engines

- AMPSEAL 16 Connectors
- DEUTSCH DT Connectors
- DEUTSCH DRB Connectors
- DEUTSCH DRC Connectors
- DEUTSCH HDP20 Connectors

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GPS, Radar, Cameras & Antennas

- EEC Header with TNC/SMA Interface
- HDSCnet+
- AMPSEAL 16 Connector with Coaxial Terminals
- enetSEAL+

SOLUTIONS FOR THE MARINE INDUSTRY

DT Connectors



- Accepts contact size 16 (13 amp rated)
- 14-20 AWG (2.50-0.50 mm²) wiring
- 2, 3, 4, 6, 8, and 12 circuit arrangements
- In-line, flange, or PCB mount

DTP Connectors



- Accepts contact size 12 (25 amp rated)
- 10-14 AWG (6.00-2.00 mm²) wiring
- 2 and 4 circuit arrangements
- In-line, flange, or PCB mount

HDP20 Connectors



- Accepts contact sizes 4 (100 amps), 8 (60 amps), 12 (25 amps), 16 (13 amps), and 20 (7.5 amps)
- 4-22 AWG (25.00-0.35 mm²) wiring
- 2, 6, 7, 8, 9, 14, 16, 18, 19, 20, 21, 23, 29, 31, 33, 35, and 47 circuit arrangements
- In-line or panel mount
- Circular, thermoplastic housing

DTHD Connectors



- Accepts contact sizes 4 (100 amps), 8 (60 amps), and 12 (25 amps)
- 6-14 AWG (16.00-2.00 mm²)
- 1 cavity arrangement
- In-line or flange mount
- Circular, thermoplastic housing
- Integrated latch for mating

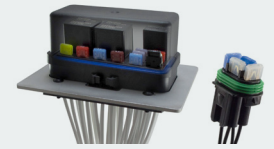
DEUTSCH Contacts



DEUTSCH stamped & formed style contacts terminate wire from 10 AWG to 22 AWG (6.0 - 0.35mm²). They are available in nickel, tin, or gold plating and in multiple sizes to accommodate a wide range of wire insulation.

DEUTSCH solid contacts terminate wire from 4 AWG to 22 AWG (25 - 0.35mm²) and are available in 5 sizes each of the pin and socket. They are available with either a nickel or gold plating finish.

Power Distribution Solutions



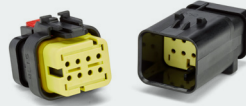
Our sealed direct wire ISO fuse and relay enclosure products control and distribute the current flow within a boat's electric power network. They are available in several arrangements and are easy to mount by their optional flanges or by using DEUTSCH or AMPSEAL 16 connector mounting clips.

KISSLING Relays & Switches



Our portfolio of sealed switches has been designed and manufactured to the most exacting quality standards and are relied on by customers around the world to perform under extreme conditions. As most of our switches are rated IP67 and 6K9K our switches are designed to be both water resistant and high pressure water jets which switches is important in both in the use of and cleaning afterward of vessels and other products in the marine industry.

AMPSEAL 16 Connectors



- Accepts contact size HDSF 16 (up to 13 amps)
- 14-20 AWG (2.50-0.50 mm²)
- 2, 3, 4, 6, 8, and 12 cavity arrangements
- In-line mount
- Rectangular, thermoplastic housing
- Integrated latch for mating
- Integrated Primary Latch Reinforcement (PLR) confirms contact alignment and retention

AMPSEAL 16 Mini Lever



The new AMPSEAL 16 mini lever connectors provide vital environmental protection for industries operating in harsh environments. The ergonomic lever lock system ensures ease of assembly, while the integrated Terminal Position Assurance (TPA) and Connector Position Assurance (CPA) protect against accidental unlocking and ensure precise contact position. Essential to correct panel mating are the tool-free, "drop and slide" mounting clips - available in 3 sizes.

Visit [TE.com/ICT](https://www.te-connectivity.com/ICT) for more information

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