



# ROBUST RELIABLE FLEXIBLE

EVERY CONNECTION COUNTS



**OUR HEAVY DUTY CONNECTORS DELIVER OUTSTANDING PERFORMANCE IN HARSH ENVIRONMENTS ACROSS A WIDE RANGE OF APPLICATIONS**

## Introducing Heavy Duty Connectors (HDC)

### Overview

TE Connectivity's Heavy Duty Connectors (HDC) deliver outstanding, reliable performance in harsh environments. They provide data, signal and power connection solutions between different devices in various applications. The modular and standard interface design maximize the application's efficiency.

HDC products have been adopted by a wide range of industries, including the wind energy, robotics, construction machinery, packaging, printing and tobacco machinery as well as railway and automation industries.

HDC products consist of three key elements: inserts, contacts and hoods and housing. The inserts and contacts are modular and assembled together to provide electrical performance, and the hoods and housings are made of metal or thermoplastic, robustly

structured to provide mechanical and environmental protection for the connector. The waterproof anti-corrosion housing ensures that TE's HDC products work under harsh environments and even meet customers' outdoor connection needs.

TE's HDC product series support a wide range of electrical requirements, e.g. a rated current from 5A to 350A. The modular system provides a high degree of flexibility for customers to customize their solutions for different applications, without the need for modifications.

TE can also provide customized designs and products to meet special customer requirements. Please contact TE personnel for details.

# Applications



## Specifications

- IEC 664/664A
- VDE 0110
- VDE 0627
- DIN EN 175 301-801
- DIN EN 60664-1
- DIN EN 61 984

## Product Certifications



## Key Features

- Metal and thermoplastic enclosures
- Various specifications for power, signal and data
- Modular design
- High current solution

## Key Benefits

- Designed for reliable performance under the most demanding operating and environmental conditions
- A variety of models provides convenience and gives customers multiple options
- Flexible designs for customers allow them to choose a DIY interface for their equipment
- The industry-standardized interface and TE's global footprint reduces customers' supply chain risks

## Frequently Asked Questions (FAQ)

### Are TE's HDC products compatible with products of competitors in the market?

Our current offering is compatible with products in the market, but we don't guarantee the results and you should consult with TE experts for details.

### What are the benefits of the new portfolio?

The expanded HDC portfolio provides customers with an even broader selection to choose from. These new products cover the whole range of standard and high-end applications.

[te.com](http://te.com)

© 2015 TE Connectivity Ltd. family of companies. All Rights Reserved

TE Connectivity, TE Connectivity (logo) and EVERY CONNECTION COUNTS are trademarks. Other products, logos and company names mentioned herein may be trademarks of their respective owners.

1-1773859-7, IND, 2015/07

EVERY CONNECTION COUNTS

