

UIC 588 Series



Pushing Performance



Description

It's a pleasure to introduce the new **UIC 558** product series. We are expanding our wide-ranging portfolio for railway applications with two interfaces according to UIC 558 (with inserts offering space for 13 or 18 pins, respectively) as well as an additional solution with 22 pins and a PE for inter-car jumpers.

Links to Other Materials

- [UIC 558 Info](#)
- [UIC Video #1](#)
- [UIC Video Breakaway function](#)

Specs

- Acc. to UIC 558 VE (IRIS 50558)
- Breakaway at 500N
- 13, 18 & 22 pins
- Gold, Silver and Nickel plating options
- 10,000 mating cycles
- Shock and vib. acc. Cat. 2 (IEC 61373)
- Temp Rating: -50° to +125°C
- IP69k when mated
- IP67 unmated

Markets

- Railway

Applications

UIC 558, was developed to adopt Train Communication Network (TCN) as in IEC61375) with 18-conductor cable and connector. 13-wire plugs can be connected to an 18-pin socket, and the signals from the 13-wire cable carried through and the remaining five wires are used for the Train Communication Network (TCN)-bus and side-sensitive door control.

Feature

- Breakaway function
- Visual color and physical keying of connectors
- Corrosion resistant

Advantage

- Automatic disconnection triggered at 500N
- Inability to incorrectly plug connections
- Robust against aggressive elements

Benefit

- Ensures non-destructive disconnect saving time and money
- Eliminates incorrect installation
- Saves time and money
- Ensures longevity in functionality