

Delphi Block-sealed Terminal System (BTS)

Description – Delphi's 1.5 mm Block-sealed Terminal System (BTS) is a complete, high-performance connection system including terminal, seal and connector. BTS brings to the market a creative layered-seal concept for connectors, utilizing two independent sealing layers in a patented process that offers advantages over traditional single-piece block-sealed tool technology. This innovative layered-seal technology allows the terminal to engage/disengage up to three times through the seal and still retain sealing performance.

The BTS tangless terminal is an innovative clean body, two-piece design (base part with steel sleeve). It provides higher electrical performance including higher levels of temperature- and vibration-resistance. The terminal allows a broader range of cable sizes over competitive offerings.

Typical Applications – BTS is designed for automotive and commercial vehicle applications. Main applications are for devices and systems in sealed and unsealed engine and passenger compartments, including:

- Sensor device connections
- Common rail
- In-line connections
- Window lifts
- Fuel tanks
- Control units



BTS two-piece terminal design



BTS connectors

Performance Advantages – The high strength copper alloy base material makes the BTS suitable with high temperature and vibration environments for vehicle applications especially in the engine compartment.

DELPHI

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