

Fast Facts

ABPC Series: Power Distribution Connectors



Our ABPC range of multi-contact, heavy duty thermoplastic body connectors are designed for power distribution applications.

Originally developed for the British MoD Field Electrical Power Distribution System (FEPDS), power distribution and rated up to 100 Amps, 750 Volts (Proof voltage d.c. or a.c. peak 2500V) for a temperature range -55°C to +100° C.

The anti-vibration locking coupling makes this a robust solution for high vibration applications such as underframe/inter-car (above ground) Rail transportation.

FEATURES

- Anti-vibration locking coupling
- High grade thermoplastic outer insulation
- Course rib coupling nuts for handling with gloved hands
- Barrier and panel seals to meet requirements of power distribution
- CECC 75.201.007 approved
- Last mate first break contacts on single and three phase applications
- Two metal key/keyway versions
- Male / Female (Fixed and Free connectors) for daisy chain applications
- Three shell sizes 18, 22, 28

MARKET SEGMENTS

- Military power distribution
- Infrastructure
- Rail inter-car jumpers

APPLICATIONS

- Generator sets
- Field power distribution
- Service equipment
- Power inverters
- Rail inter-car jumpers
- Shore supply applications
- Small bore tunnelling machinery / infrastructure
- Powering mobile fire protection systems

OUR ADVANTAGES

- Design capability to customise standard products
- Customer configurations
- Cable assembled versions
- Various colours available

For our full product portfolio, in-house and local design support / distribution partners, visit:

www.ttelectronics.com/connectors

