

Delphi GT Connection Systems

◆ Value to Customer

- Pass SAE J2030 Heavy-Duty Electrical Connector Standard (with silver interface platings)
- Low engage force for improved reliability and ergonomics
- Conforms to USCAR design footprint for broad application flexibility
- Optimized content packaging for electrical performance equal to less space efficient terminations
- Mixed terminal capability for design flexibility
- Protected seal interface for superior connection reliability

◆ Delphi Advantage

- Patented high center rib connector seals exceed sealing requirements for harsh vehicle environments
- With mating forces that are lowest in class, GTs are the ergonomic benchmark for connections



◆ Functionality

- Tangleless terminals for durable design
- Pump-handle primary lock for lower engage and easy disassembly
- Cam lever/mechanical assist for hand engage/disengage
- Secondary lock, Connector Position Assurance (CPA) and Terminal Position Assurance (TPA) capabilities for improved system design
- Pre-staged male blade stabilizer for superior male blade protection

◆ Availability

- Full range of off the shelf connections:
 - » 2 – 40 way Male and Female
 - » 1.5mm, 2.8mm and 6.3mm SAE and ISO standard blades
 - » Sealed and Unsealed

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Power Pack 1000/2000



◆ Functionality

- Power Pack 2000 current capability up to 250 Amps
- Cable range 19mm² through 62mm²
- Power Pack 1000 current capability up to 145 Amps
- Cable range 8mm² through 25mm²

◆ Value to Customer

- High current hand pluggable connection system
- Eliminates torque issues related with ring terminals
- Sealed connection system for environmental protection

◆ Delphi Advantage

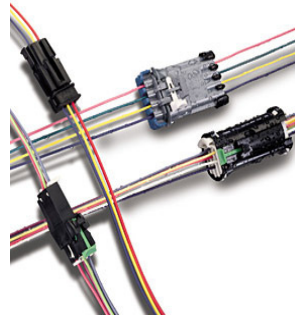
- Most comprehensive family of high-current/high-power connection systems in the industry
- Terminal system can mate in the inline or right angle direction for managing wire dress
- 10% less temperature rise on terminal interface allows for higher current ability

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Delphi Metri-Pack Connection Systems

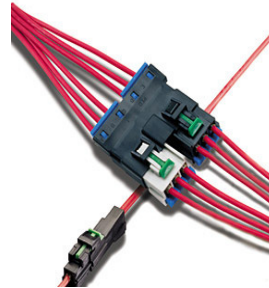
◆ Value to Customer

- Pass SAE J2030 Heavy-Duty Electrical Connector Standard (with silver interface plating)
- Extended product range offers significant design and application versatility
- Used in high current to low energy circuits for electrical versatility



◆ Delphi Advantage

- Field-proven systems provide exceptional performance, confirmed over many years on global applications



◆ Functionality

- Strength and stability of terminals helps assure correct alignment
- Utilizes internationally standard male blade sizes for design flexibility
- Feature Terminal Position Assurance (TPA), Connector Position Assurance (CPA), serrated crimps and triple-rib peripheral seals
- Sealed version for excellent resistance to temperature, chemicals and abrasion

◆ Availability

- Full range of off the shelf connections:
 - » 150, 280, 480, 630, 800 series
 - » Sealed and unsealed
 - » Headers, junction, & mixed

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Harsh Environment Series (HES)

◆ Value To Customer

- SAE J2030 Validation
- Diagnostic connector validated to J1939
- HES systems offer full industry compatibility at competitive prices
- Ergonomic design

◆ Functionality

- Validated to SAE J 2030 High performance terminal
- Interchangeable with industry standard product
- Low insertion force terminal
- High current capability
- Superior sealing
- Designed for build-ability
- Positive locking connector



◆ Delphi Advantage

- Enhanced current carrying capability
- Triple rib cable seal design
- Excellent terminal retention
- Low insertion terminal design

◆ Availability

- Circular Connector Size 24 Shell
- Available terminal patterns 19, 21, 23, 29, 31, 47
- Terminals 1.0/20G, 1.6/16G 2.4/12G
- J 1939 Diagnostic Connector Terminal 1.6/16G

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