



Introducing AMP+ High Current Connectors and Headers

TE Connectivity's touch-proof 2-3 position high current connectors and headers are designed to meet AK 4.3.3, LV215-1 specifications. With a current carrying capability up to 250A (continuous) on 50mm² wire, an ample temperature range and a wide wire range, the AMP+ high current connectors and headers can be used in various EV applications. An integrated internal HVIL with multiple routing options allow package size optimization and flexibility. Assembly is simplified with a lever assist for low insertion force.

AMP+ High Current Connectors and Headers



HVP 800 KEY FEATURES

- AK 4.3.3, LV215-1, RoHS compliant
- Wide wire range
- 90° and 180° plugs
- Touch-proof
- No tool required to unmate
- Integrated internal HVIL
- 2-3 positions available
- Multiple key options
- Sealed

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APPLICATIONS

- Battery
- Inverter
- E-motor

MECHANICAL

- Terminal: 8mm pin and socket
- Wire range: 16-50mm² discrete shielded wire
- Latching Style: No tool required
- HVIL: Integrated, internal

ELECTRICAL

- Voltage rating: 1000V
- Current rating: Up to 250A
- Temperature range: -40°C to 140°C
- Shielding: 360° from wire to device
- IP rating: Mated: IP67, IP6k9k
Unmated: IP2xb

STANDARDS AND SPECIFICATIONS

- AK 4.3.3
- LV215-1
- RoHS



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