

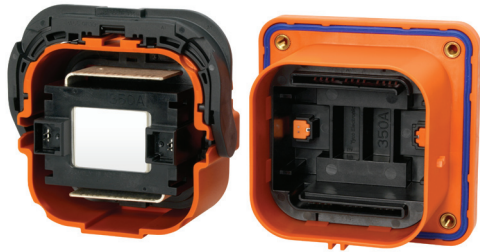


Introducing AMP+ Manual Service Disconnect

Safe, reliable solutions are required to protect service technicians and emergency response teams when working with the high voltages required in electric vehicles. TE Connectivity's AMP+ Manual Service Disconnect utilizes a two-stage lever to open the HVIL circuit prior to separation of HV contacts. This tool-free solution for disconnecting the internal HV battery pack and protecting the battery pack HV cables from short circuiting is available in a scalable design with a variety of fuse ratings. All HV conducting surfaces on receptacle assembly are finger proof touch safe.



AMP+ Manual Service Disconnect



KEY FEATURES

- Finger actuated - 2 stage lever assist latching
- No tool required to unmate
- 2x integrated internal HVIL
- Scalable design
- Current rating determined by fuse selection
- Fuse rating up to 630A
- USCAR-2, USCAR-37, IEC 60529, RoHS compliant
- Tested to 50 mating cycles
- Sealed

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APPLICATIONS

- HV battery pack-to-pack

MECHANICAL

- Latching style: Finger actuated - 2 stage lever assist
- Mating cycles: Tested to 50
- Stud: M6
- IP rating: Mated: IPx7, IP6k9k
Unmated: IP2xb
- HVIL: 2x integrated, internal

ELECTRICAL

- Fuse rating: Up to 630A
- Voltage rating: 450 VDC
- Operating Temperature: -40°C to 65°C
- Storage Temperature: -40°C to 85°C
- Current rating: Based on fuse selection

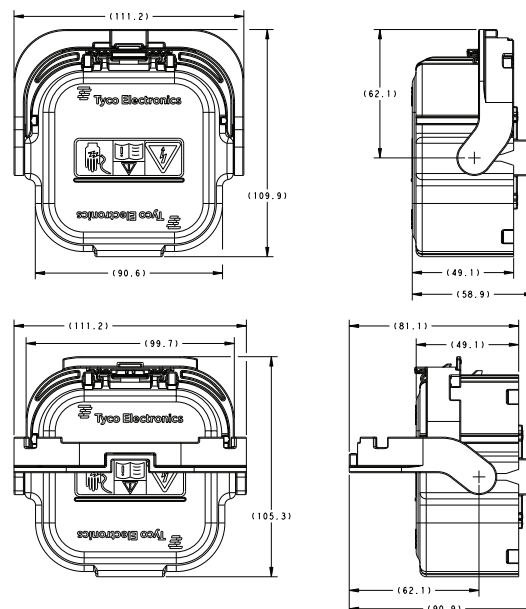
STANDARDS AND SPECIFICATIONS

- USCAR-2
- USCAR-37
- IEC 60529
- RoHS

PRODUCT OFFERING

- Receptacle Assembly Part Number: x-1587987-x*
- Plug Assembly Part Number: x-2103172-x*
(*Different fuse sizes available)

PRODUCT DIMENSIONS



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