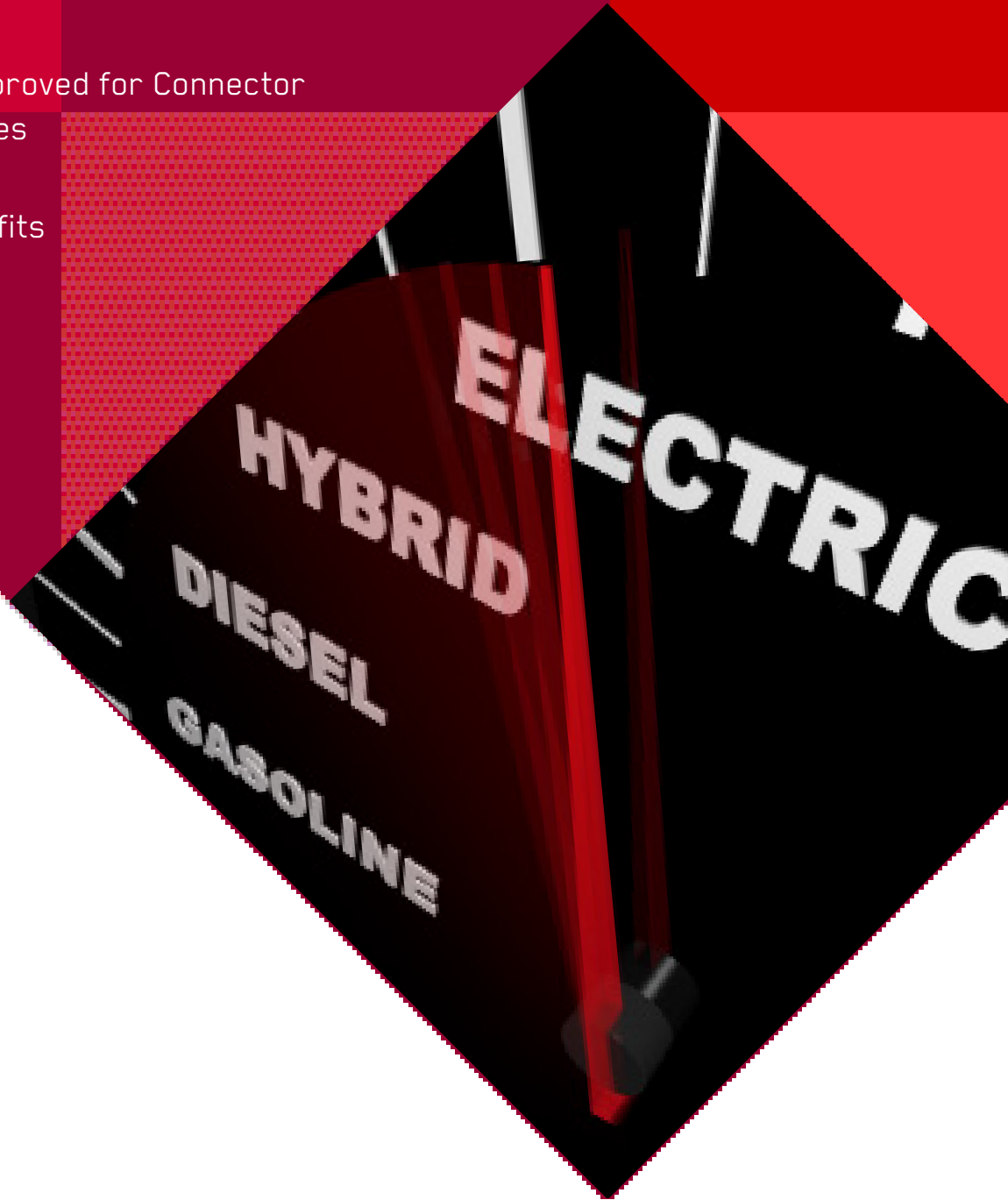


VEAM

# J1772, IEC & GB

UL, CUL, CE, GB approved for Connector  
and Cable Harnesses

Features and Benefits



**ITT**

ENGINEERED FOR LIFE

# SAE J1772 Gen 2, IEC, and GB - First UL certified Level 1 & 2 couplers and inlets only

ITT introduces the Next Generation J1772, IEC, and GB Electric Vehicle charging systems with AC interconnects allowing charging options from 15A up to 75A at a reduced lead time.

ITT used VOC feedback from the first generation connector to develop a second generation (Gen 2) of J1772 connectors to exceed customer expectations for an emerging market. ITT created a modular handle for all regional electric vehicle charging interconnects including J1772 for the Americas and Japan, IEC for Europe and GB for China. By using common components such as the ergonomically designed handle, robust contact system, innovative wire positioners and strain relief system, ITT achieved a worldwide branding option for the end customer, which gives a unique advantage over other J1772 connector suppliers.

## Applications

- Home EV Charging Units
- Public Charging Stations
- Roadside Assistance Trucks
- Fleet Trucks
- EV Mass Transit Vehicles
- Electric Watercraft
- Passenger Vehicles
- Electric Motorcycles
- Electric Agriculture Vehicles

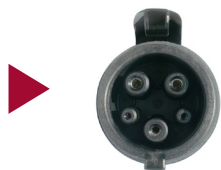
## Why customers benefit from choosing ITT's EVC Series

- Built in accordance with all regional EV Standards
- UL, cUL, and CE Certified Couplers and Inlets Only
- Up to 75A charging options
- Standardization of handle for J1772, IEC, and GB specifications
- 40+ years of proven louver band technology

## Technical overview

- ⚙ Cable options from #6 AWG - #14 AWG
- ⊘ Sealing to meet and exceed UL50
- ⚡ Up to 75A AC Charging option
- ⚙ Low contact resistance of 100mA
- UL UL Certified: File Number E330790

## Our products do, what we say they will do



### Louver band contacts on the coupler side

Provides flexible charging options from 15A to 75A AC, low contact resistance, and a minimum of 10k cycles.



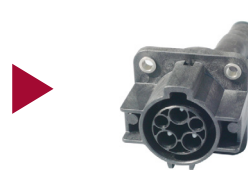
### Drain holes at the bottom of the coupler

Eliminates latch freezing and includes protective shield from small diameter metal penetration to the wiring.



### Dual locking system

Provides the customer options of a secondary locking system for theft prevention.



### The J1772 Inlet

Accessories include spring loaded cap, rear strain relief boot, sealed or un-sealed, and can be provided as a connector only or as a harness against all regional EV Standards. Actuators for Europe and Asia Pacific are available.



### Strain relief

Eliminates over stressing of the cable and provides IP44 protection.

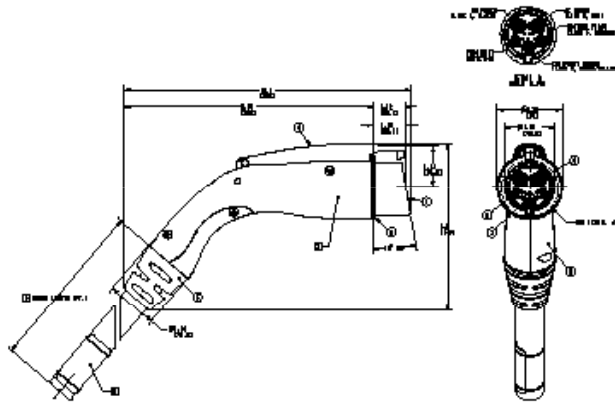


### Textured handle

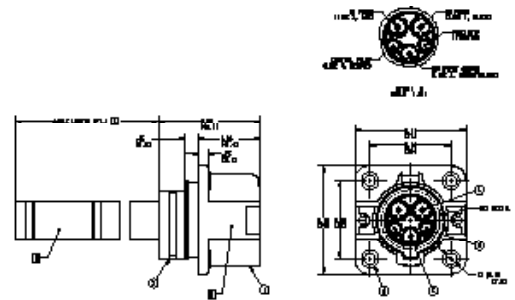
Selected by the human factor groups provides enhanced grip while in use.

21st Century technology in the field with no known failures.

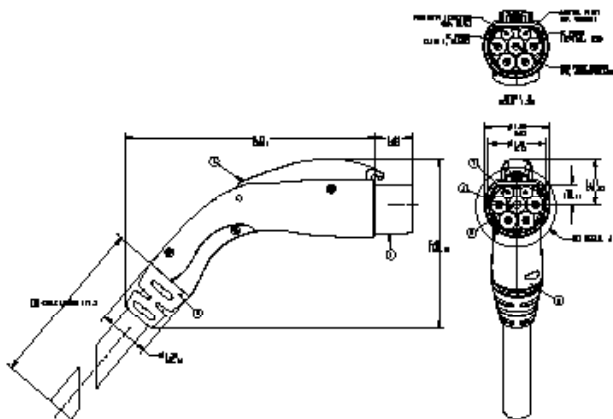
J1772, Charging Connector Coupler,  
EVC Series, Gen 2



J1772, Charging Connector Inlet,  
EVC Series, Gen 2 TBD



GB, Charging Connector Coupler,  
Vehicle, EVC Series, Gen 2





**ITT Interconnect Solutions**  
Cannon, VEAM, BIW  
Connector Systems


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