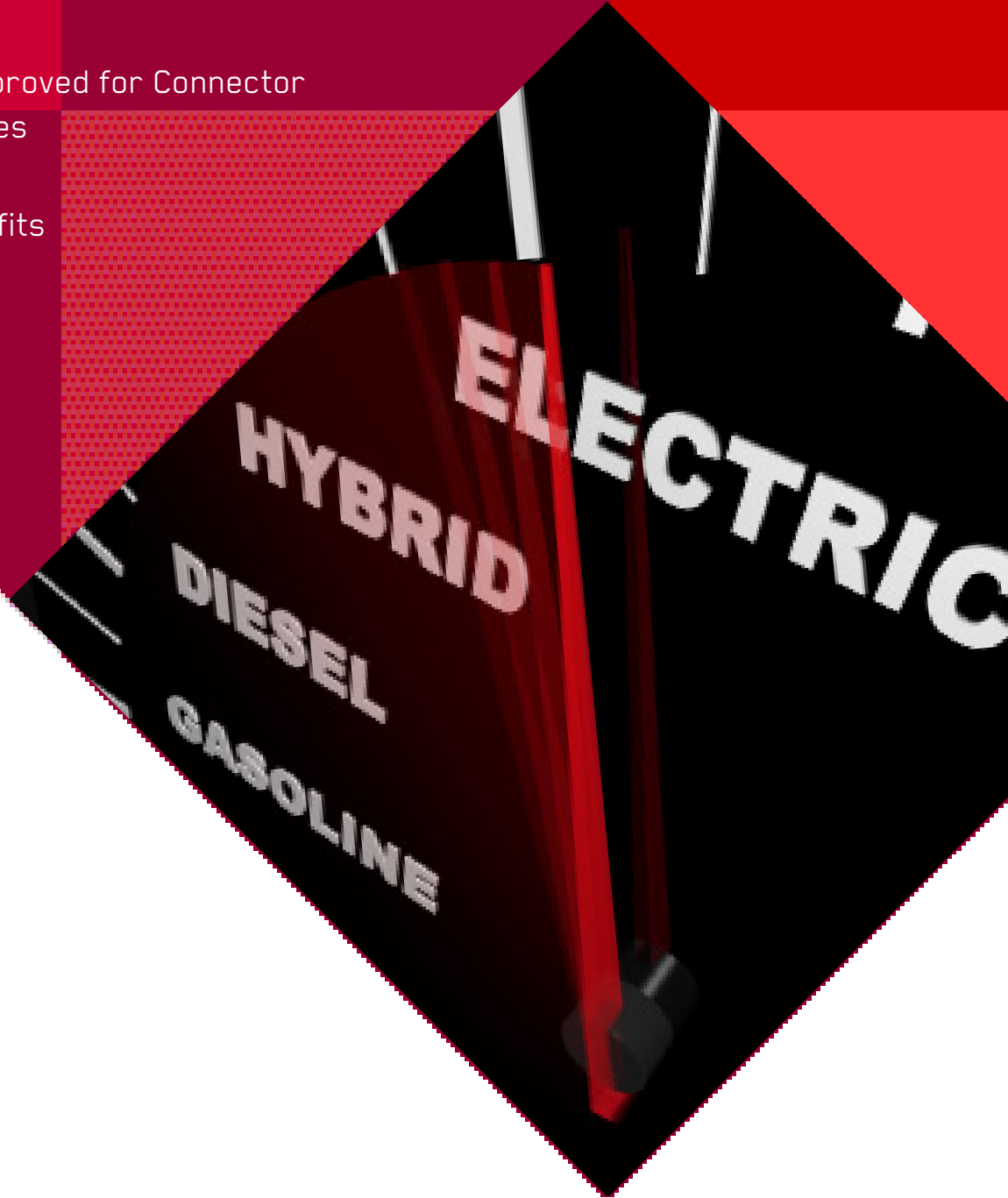


VEAM

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

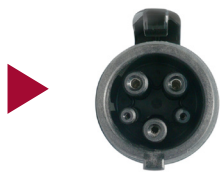
ITT introduces the Next Generation J1772, IEC, and GB Electric Vehicle charging systems with AC interconnects allowing charging options from 15A up to 75A at a reduced lead time.

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

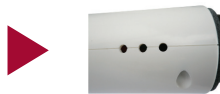
- Home EV Charging Units
- Public Charging Stations
- Roadside Assistance Trucks
- Fleet Trucks
- EV Mass Transit Vehicles
- Electric Watercraft
- Passenger Vehicles
- Electric Motorcycles
- Electric Agriculture Vehicles

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

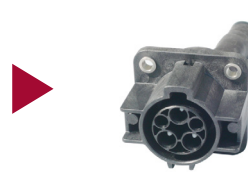
Provides the customer options of a secondary locking system for theft prevention.

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 Certified: File Number E330790



The J1772 Inlet

Accessories include spring loaded cap, rear strain relief boot, sealed or unsealed, 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.

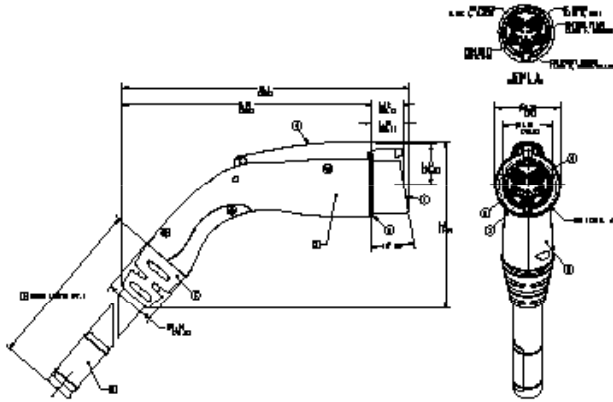


Textured handle

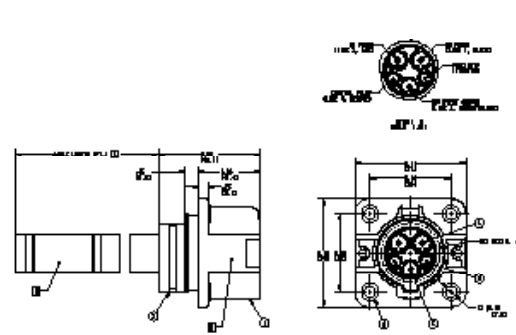
Selected by the human factor groups provides enhanced grip while in use.

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

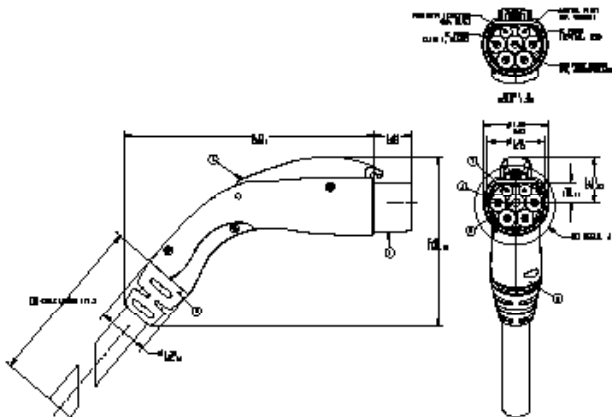
J1772, Charging Connector Coupler,
EVC Series, Gen 2



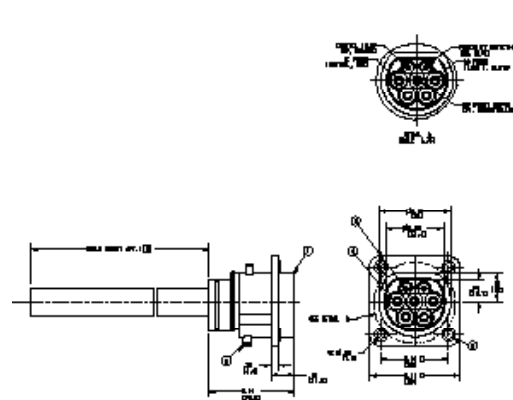
J1772, Charging Connector Inlet,
EVC Series, Gen 2 TBD



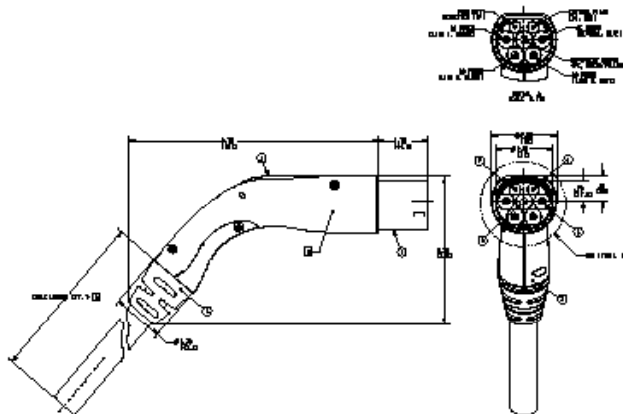
GB, Charging Connector Coupler,
Vehicle, EVC Series, Gen 2



GB, Charging Connector Inlet, EVSE,
EVC Series, Gen 2



IEC, Charging Connector Coupler,
EVSE, EVC Series, Gen 2





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Av. Libre Comercio s/n-
entre Calzada Industrial
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Parque Industrial Nuevo Nogales
phone: +52.631.3110050
fax: +52.631.3110060
-   **USA - Cannon**
666 East Dyer Road
Santa Ana, CA 92705
toll free: +1.800.854.3028
phone: +1.714.557.4700
fax: +1.714.628.2142
-   **USA - BIW Connector Systems**
500 Tesconi Circle
Santa Rosa, CA 95401
phone: +1.707.523.2300
fax: +1.707.523.3567
-   **USA - VEAM**
100 New Wood Road
Watertown, CT 06795
phone: +1.860.274.9681
fax: +1.860.274.4963

Europe & Middle East

-   **FRANCE - Cannon, VEAM**
15, Boulevard Robert Thiboust
Serris, France 77700
phone: +33.1.60.04.93.93
fax: +33.1.60.04.93.90
-   **GERMANY - Cannon, VEAM**
Cannonstrasse 1
Weinstadt, 71384
phone: +49.7151.699.0
fax: +49.7151.699.217
-   **ITALY - VEAM**
Corso Europa 41/43
Lainate (MI), Italy 20020
phone: +39.02938721
fax: +39.0293872300
-   **LEBANON - BIW Connector Systems**
P.O. Box 199
Jounieh
Lebanon
phone: +961.9.911.560
fax: +961.9.912.126
-   **UK - Cannon, VEAM**
Jays Close, Viabes Estate
Basingstoke, RG22 4BA
phone: +44.1256.311200
fax: +44.1256.323356

Asia

-   **CHINA - Cannon, VEAM**
Tuopandun Industrial Area,
Jinda Cheng, Xiner Village, Shajing Town,
Boan District, Shenzhen City,
Guangdong Province, China 518125
phone: +86.755.2726.7238
fax: +86.755.2726.7515
-  **HONG KONG - Cannon, VEAM**
Units 2405-6, 24/F, ING Tower
308 Des Voeux Road Central
Hong Kong
phone: +852.2732.2720
fax: +852.2732.2919
-  **INDIA - Cannon, VEAM**
ITT Corporation India Pvt Ltd
Money Chamber, Unit No. 202
#6, KH Road, Bangalore
560027
phone: +91 22 67843000
fax: +91 22 26783033
-   **JAPAN - Cannon, VEAM**
5-11-3, Hibarigaoka,
Zama-shi, Kanagawa, Japan 252-0003
phone: +81.462.57.2010
fax: +81.462.57.1680
-  **SINGAPORE - Cannon, VEAM**
10 Jalan Kilang #06-01
Singapore 159410
phone: +65.62763693 ext 232
fax: +65.62763685



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