

Prevention of unauthorised EV cars movement

Unique product for fire and rescue units

The connector is used for fast and safe **securing of a plug-in hybrid or fully electric vehicle against unintended movement** in case of a fire or accident.

By inserting the **e:car IZS** connector, the vehicle interprets this as a charging process, which automatically disables its powertrain.

The connector is compatible with all plug-in hybrid and electric vehicles on European roads. It can be easily removed and reused.

The **e:car IZS** connector is intended exclusively for simulating the charging of electric vehicles and transport equipment equipped with a Type 2 socket and supporting the IEC 62196-1 and IEC 61851-1 standards.



During a traffic accident, the vehicle remains energized, which may lead to uncontrolled movement—either by pressing the accelerator pedal by an injured person inside the vehicle, or due to a short circuit caused by damaged wiring.



Procedure in case of an accident or fire involving a fully electric (BEV) or plug-in hybrid (PHEV) vehicle:

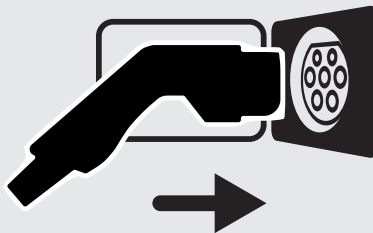
1. **Ensure that people move only along the sides of the vehicle.**
2. **Insert the e:car IZS connector** to prevent unintended vehicle movement.
3. **Conduct rescue operations** (extrication, firefighting).
4. **Remove the e:car IZS connector.**



- 1** Vehicle at risk of uncontrolled movement



- 2** Inserting the e:car IZS connector into the charging port



- 3** Vehicle immobilization



Producer

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