

POWERTRAIN SYSTEMS



SAFETY & SECURITY SYSTEMS



CONVENIENCE



DRIVER INFORMATION



BODY & CHASSIS SYSTEMS



AMP+ Charging Inlets

INTRODUCTION

To charge their batteries, plug-in-hybrid and electric vehicles share the need to connect to the electrical infrastructure.

TE Connectivity's AMP+ charging inlets are a modular system, sharing identical parts between the three inlet types.

Priority was given to technical compatibility, allowing vehicle makers and system suppliers to fully harmonize functionality across their different Ranges.

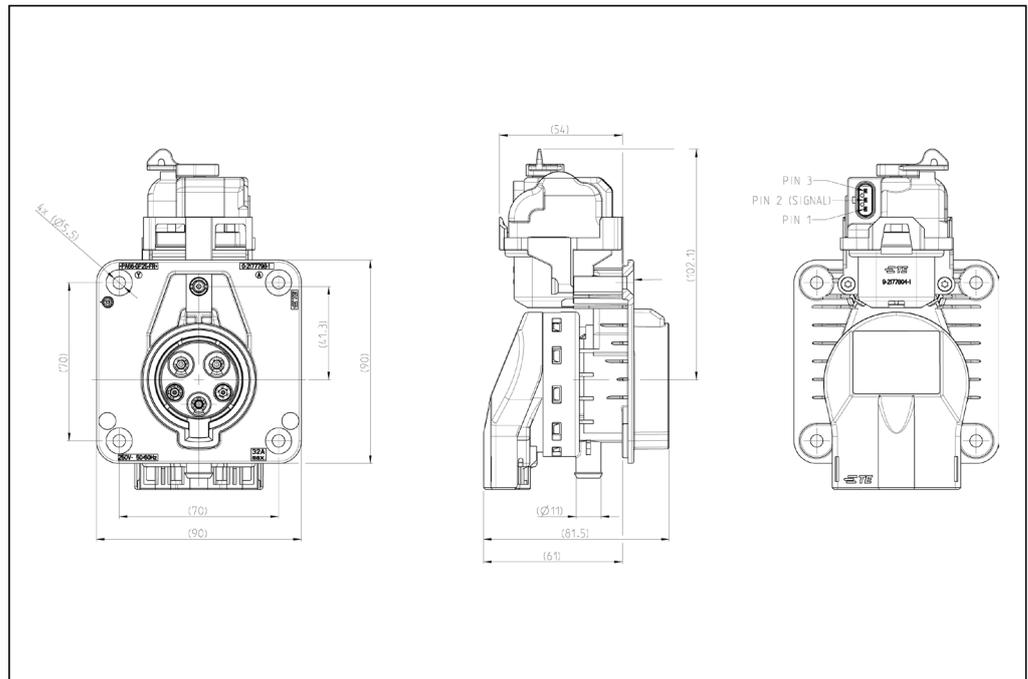
TE offers a complete product range of compatible charging inlets for worldwide hybrid and electric vehicle applications.



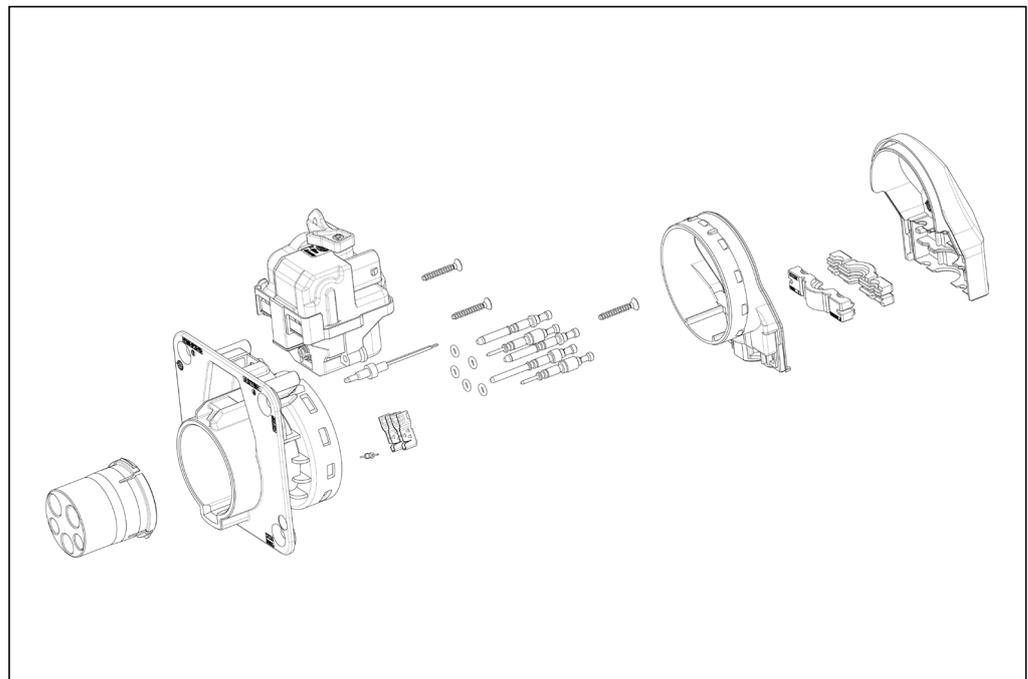
Technical Features

- Pin Number:**
5 pos
- Contact System:**
roundcontact
- Conductor Cross-Sections:**
0.75-1.00 mm² / 4.00 mm² / 6.00 mm²
- Voltage Range:**
250V
- Operation Temperature:**
-30 °C and +50 °C
- Current Carrying Capacity:**
32A
- IP Rating:**
IP54 (front),
IP44 (rear)
- Cable Outlet:**
90° (can be rotated)
- Finger protected:**
Yes
- Vibration Level:**
Level 2
- Application Specification:**
114-94163-1

AMP+ Charging Inlet Type 1



Drawing 114-94163-1 *



* Drawing Number is NOT the Order Number!



AMP+ Charging Inlet Type 2

Technical Features

Pin Number:

5-7 pos

Contact System:

roundcontact

Conductor Cross-sections:

0.75-1.00 mm² / 4.00 mm² /
 6.00 mm²

Voltage Range:

480V

Operation Temperature:

-30 °C and +50 °C

Current Carrying Capacity:

16/32A

IP Rating:

IP54 (front),

IP44 (rear)

Cable Outlet:

90° (can be rotated)

Finger protected:

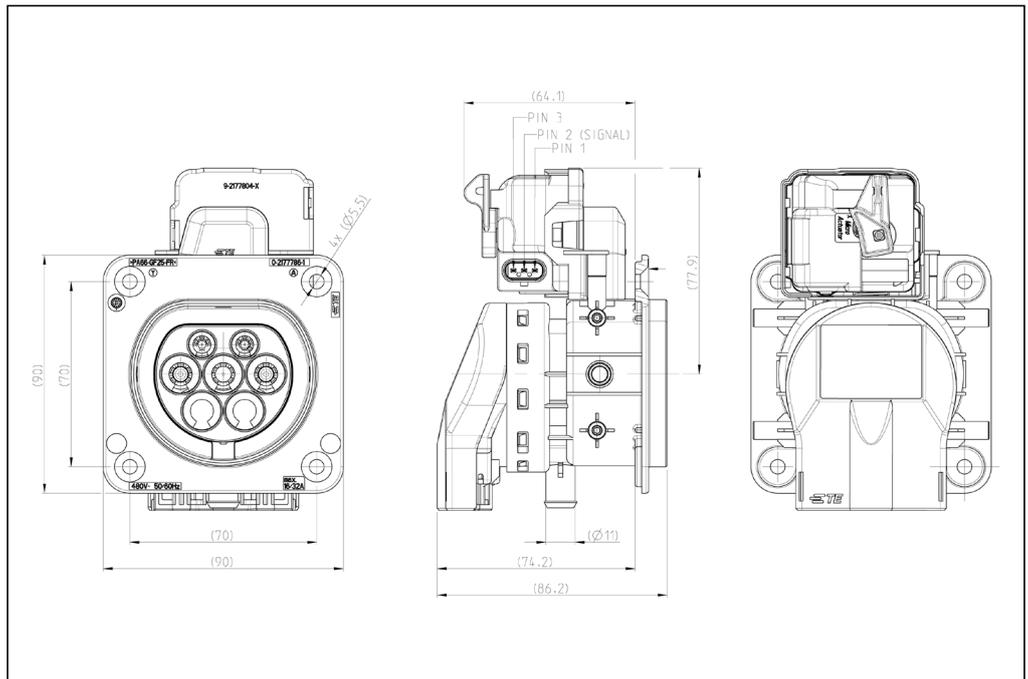
yes

Vibration Level:

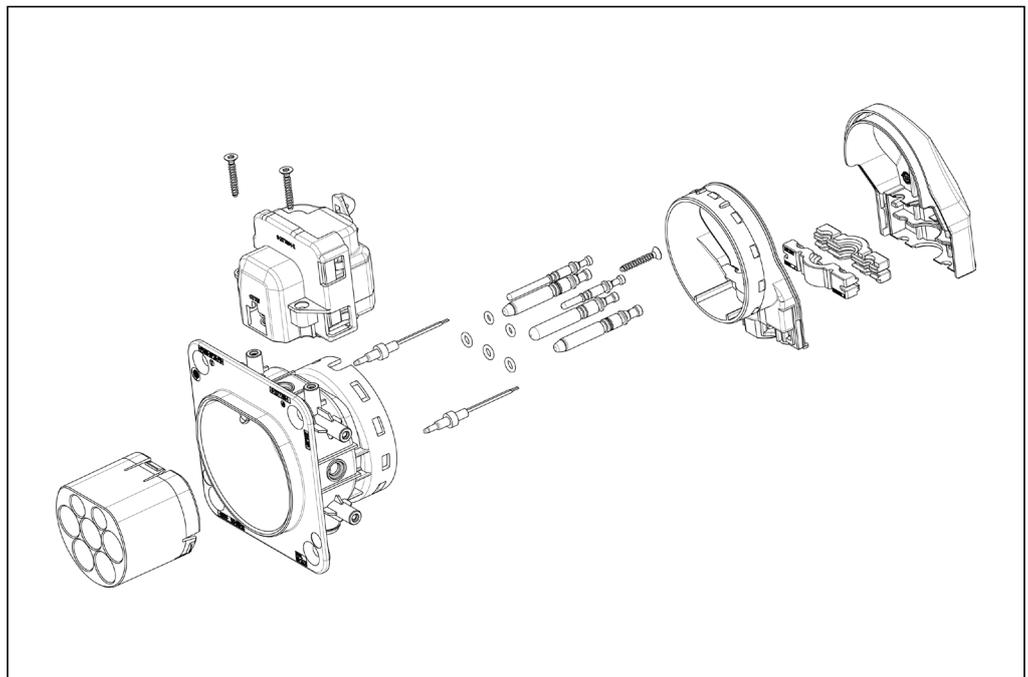
Level 2

Application Specification:

114-94163-2



Drawing 114-94163-2 *



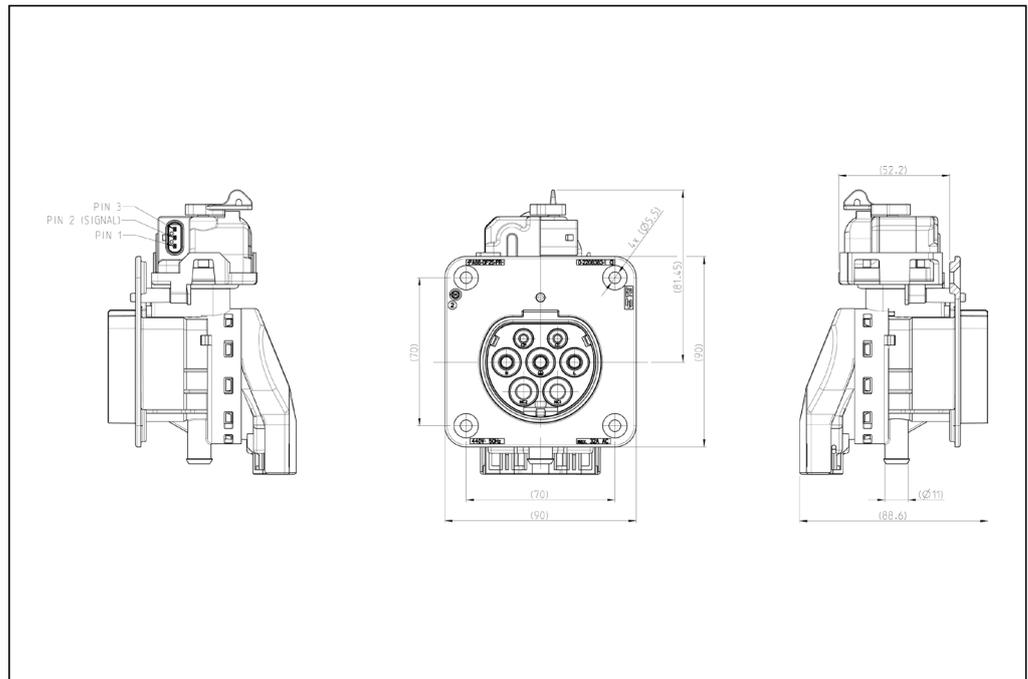
* Drawing Number is NOT the Order Number!



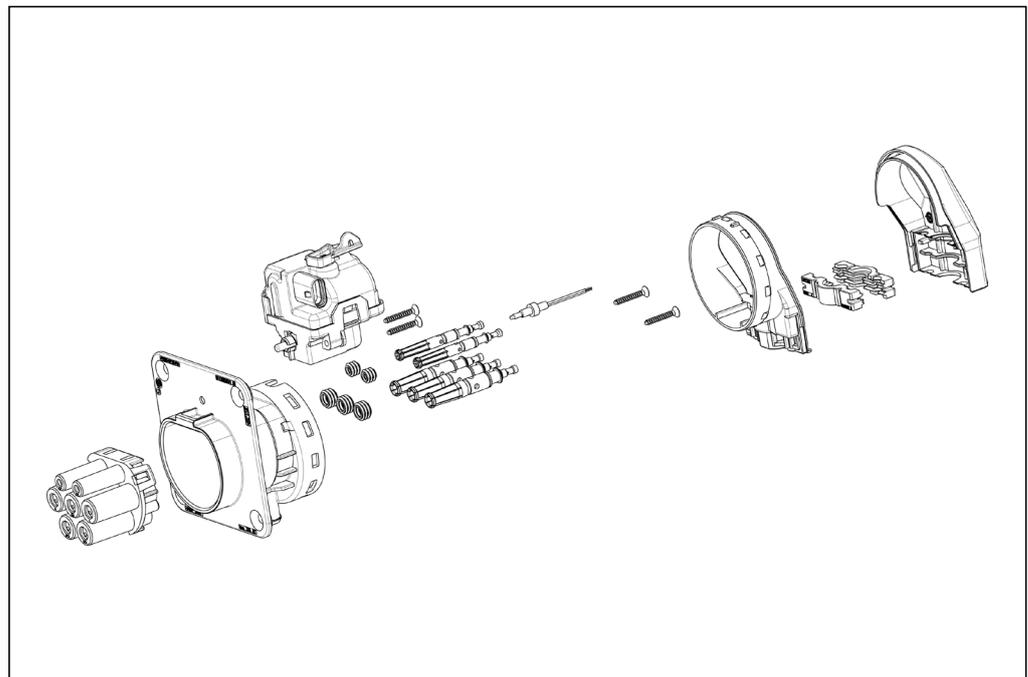
AMP+ Charging Inlet Type GB

Technical Features

- Pin Number:**
5-7 pos
- Contact System:**
roundcontact
- Conductor Cross-Sections:**
0.75-1.00 mm² / 4.00 mm² /
6.00 mm²
- Voltage Range:**
440V
- Operation Temperature:**
-30 °C and +50 °C
- Current Carrying Capacity:**
16/32A
- IP Rating:**
IP54 (front),
IP44 (rear)
- Cable Outlet:**
90° (can be rotated)
- Finger protected:**
yes
- Vibration Level:**
Level 2
- Application Specification:**
114-94212



Drawing 114-94212 *



* Drawing Number is NOT the Order Number!