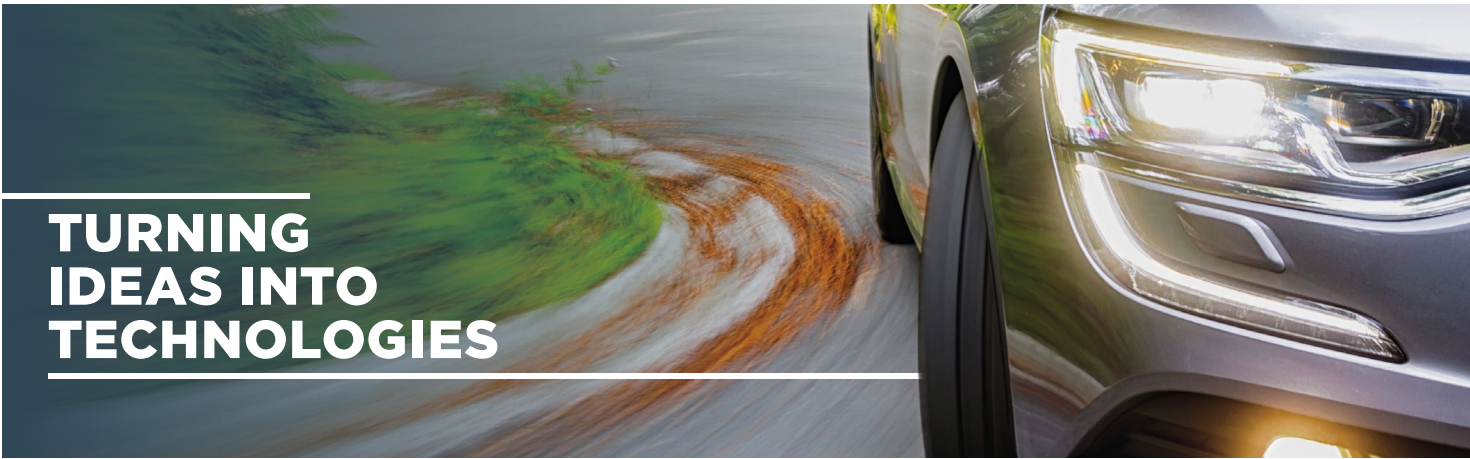


AMP+ CHARGING INLETS & ACTUATORS

Quick, reliable, and safe energy transfer from the grid to the car

PRODUCT CATALOG





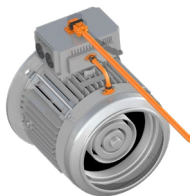
TURNING IDEAS INTO TECHNOLOGIES

TE Connectivity's E-mobility Solutions Open a Pathway to a Greener, More Sustainable Future

There's never been a more exciting time to be in the automotive industry! We're accelerating toward a new reality whereby the number of internal-combustion-engine cars on our roads will eventually be surpassed by electric vehicles. Automakers are responding by rewriting their business models and investing hundreds of billions of dollars into EV R&D.

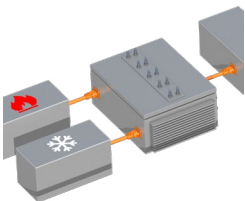
TE Connectivity (TE) has led the electrification and sustainability charge since its inception, with clear-cut expertise in electrical interface design. Our products cover the complete spectrum of EV energy transfer and meet the increased power ratings and higher thermal and vibration requirements that tomorrow's electric, hybrid, and plug-in-hybrid vehicles demand.

Our vast E-mobility portfolio addresses four major technological application areas:



E-drive Systems

Our high-current interconnection systems are designed to move energy efficiently and reliably from the charging system to the battery, and from the battery to the electric motor.



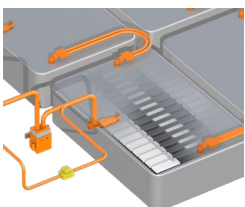
Auxiliary Systems

Our physically smaller auxiliary interconnection systems are designed for lower-current applications, such as cabin heating and cooling systems, while reducing weight and bulk.



Charging Path

As batteries get bigger and EVs travel farther, the need for fast high-powered charging increases. Our charging inlets transfer energy quickly, reliably, and safely from the grid to the car.



Energy Storage

TE offers a full catalog of battery and fuel cell interconnection and protection solutions that increase safety, time to recharge, and driving range.

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The table consists of a grid of 20 columns and 30 rows of small dots. Several dots are highlighted in orange, indicating specific data points or markers. The orange dots are located at the following approximate coordinates (row, column): (1, 6), (4, 16), (7, 11), (10, 1), (13, 7), (17, 14), (17, 20), (21, 11), (25, 6), and (29, 3).



AMP+ CHARGING INLETS & ACTUATORS

TE's AMP+ charging inlets and actuators are designed to meet the challenges of tomorrow's electric, hybrid, and plug-in hybrid vehicles and can be modified for virtually any transportation need.

Our portfolio supports all common international interface standards, including AC, DC, and combined charging system (CCS) variants in multiple cable exit directions and temperature sensing options.

Our newest family of inlets, the CI 500 Series, can transfer 500 kilowatts at currents of up to 500 continuous amps, which represents the highest load state available for EVs today.

In addition to providing fully integrated inlets, TE offers locking actuators as stand-alone devices. An actuator is a safety device that physically locks the charging plug into the inlet while the vehicle is charging, which prevents accidental or forced removal.

Designed for increased performance demands and durability, TE's charging inlets are scalable to fit all electrical and electronic vehicle architectures, from discrete point-to-point operation or via distributed intelligent control.

AMP+ CHARGING INLETS - PORTFOLIO AT A GLANCE

		Region	AC Current Max	AC Voltage Max	DC Current Max	DC Voltage Max	Charging Power Max
Charging Inlet 500 Series		Americas, Korea	48 A	250 V	500 A* / 335 A	1000 V	12 kW (AC) 500 kW (DC)
		Europe, ROW	32 A	480 V / 250 V	500 A* / 335 A	1000 V	22 kW (AC) 500 kW (DC)
		Japan	-	-	500 A* / 335 A	1000 V	500 kW (DC)
Charging Inlet 250 Series		China	-	-	250 A	1000 V	250 kW (DC)
Charging Inlet 200 Series		Americas, Korea	48 A	250V	200 A	600 V	12 kW (AC) 120 kW (DC)
		Europe, ROW	32 A	480 V / 250 V	200 A	1000 V	22 kW (AC) 200 kW (DC)
Charging Inlet 32 Series		Americas, Korea, Japan	48 A	250 V	-	-	12 kW (AC)
		Europe, ROW	32 A	480 V / 250 V	-	-	22 kW (AC)
		China	32 A	440 V / 250 V	-	-	22 kW (AC)

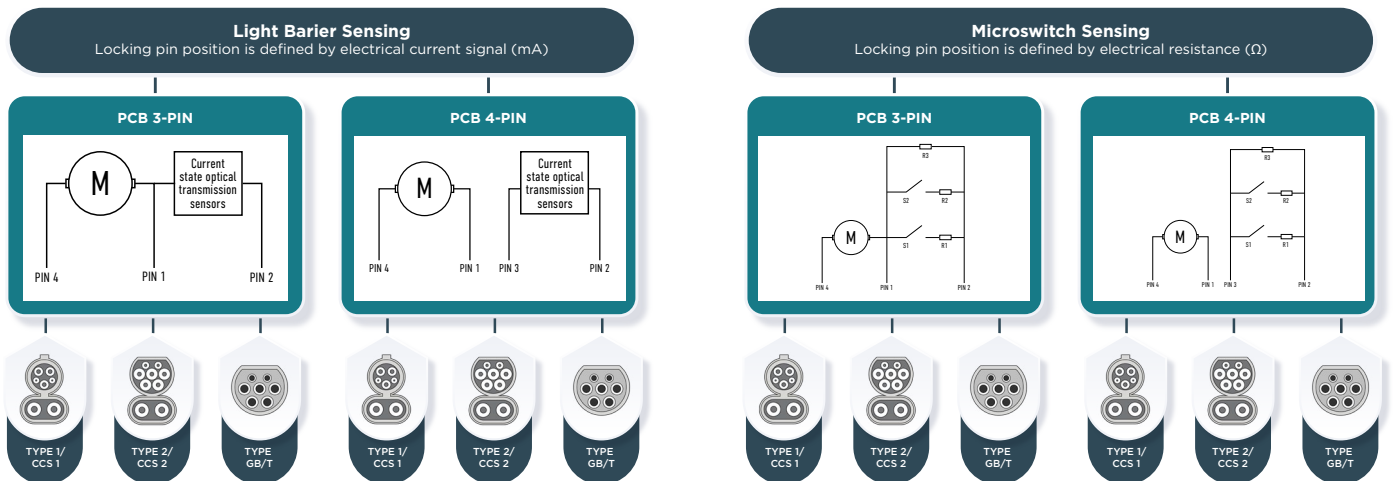
* 500 amps of current requires active cooling at the charging station and thermal sensing in the inlet.

AMP+ CHARGING INLET ACTUATORS

In addition to fully integrated charging inlets, TE manufactures and markets a suite of actuators that lock the charging station connector plug into the inlet, preventing the plug from being removed from the vehicle accidentally or by force during a charging cycle. The actuator is mounted to the inlet and has a locking pin that engages to hold the connector in place as a safety mechanism, confirming that every charging cycle is conducted reliably and securely.

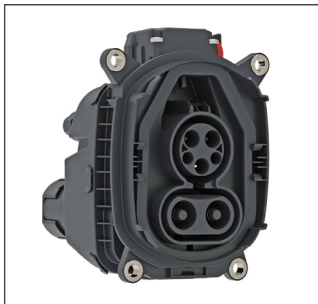


TE's actuators are fortified to work in harsh automotive environments, conforming to the latest IEC 62196 and GB/T 20234 standards. They are used in a variety of electric vehicles – such as scooters, motorcycles, trucks, buses, ferries, and aircraft – to increase safety levels.



AMP+ CHARGING INLET ACTUATORS: KEY BENEFITS

- Locks the charging plug in place, preventing unintended or premature disconnection and providing greater safety
- Available as a stand-alone product
- Compliant with IEC 62196 and GB/T 20234 standards
- Lifetime reliability for up to 80,000 cycles
- 12 configurations that support “plug and play” integration



AMP+ CI 500 Series Charging Inlet - CCS Type 1

Technical Features

Terminal Size/System:

Round contact

AC Contacts:

6 mm² wire size

DC Contacts:

95 mm² wire size

Voltage Rating AC:

250 VAC

Voltage Rating DC:

1000 VDC

Current Capacity AC:

48 A

Current Capacity DC:

500 A (cooled infrastructure);
335 A (uncooled infrastructure)

IP Rating:

IP55 (front, mated)
IP67 (rear)

Cable Outlet:

90°/90° left
90°/90° right
90°/180° left
90°/180° right
180°/180°

LED Charging Indicator:

No

Finger Protection:

Yes

Vibration Level:

SG-2 (LV 215-1)

Application Specification:

[114-94710](#) (90°/90°)
[114-94711](#) (90°/180°)
[114-94712](#) (180°/180°)

Product Specification:

[108-94842](#)

Drawing:

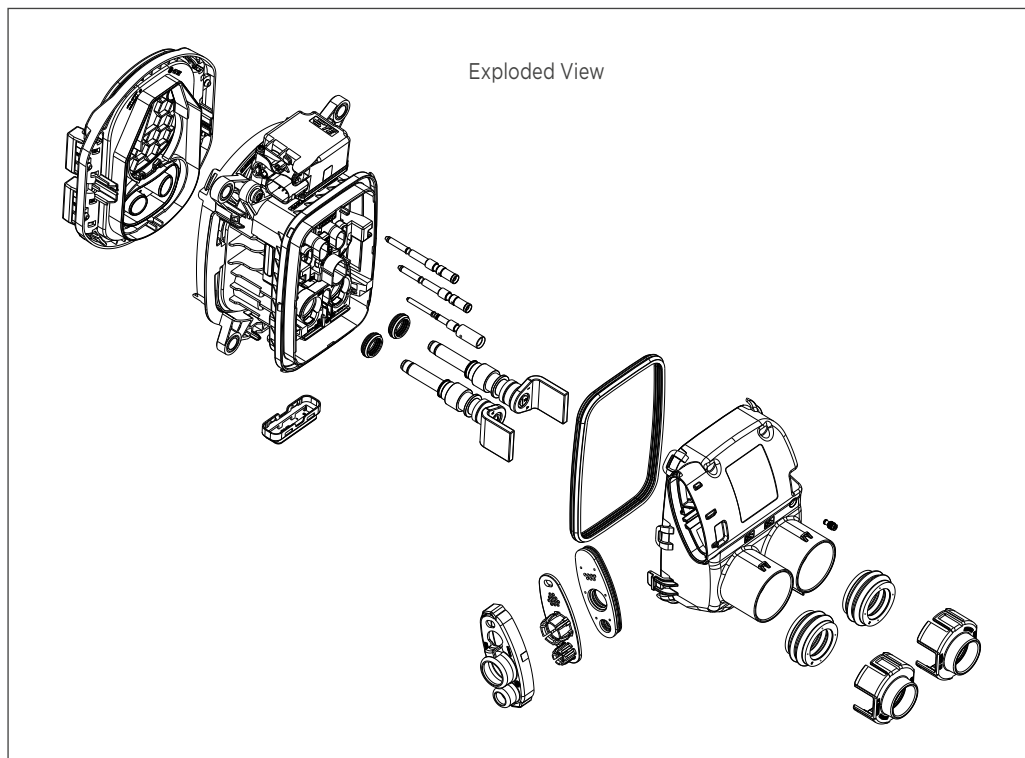
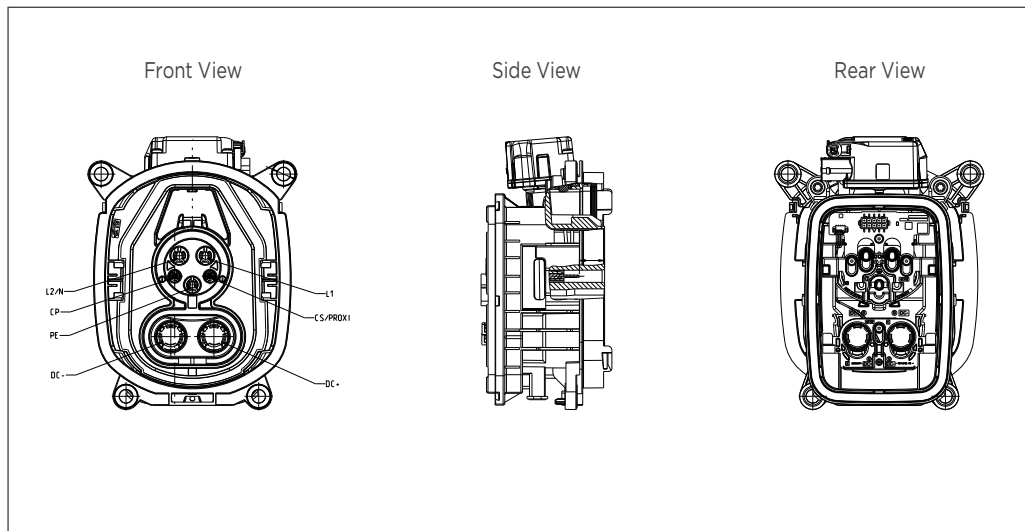
[2386777](#)

Standards:

IEC 62196

Optional Accessories:

- Flap assembly: 2337030
- AC/DC dust cover with wire strap: 2411946, 2331969, 2333944

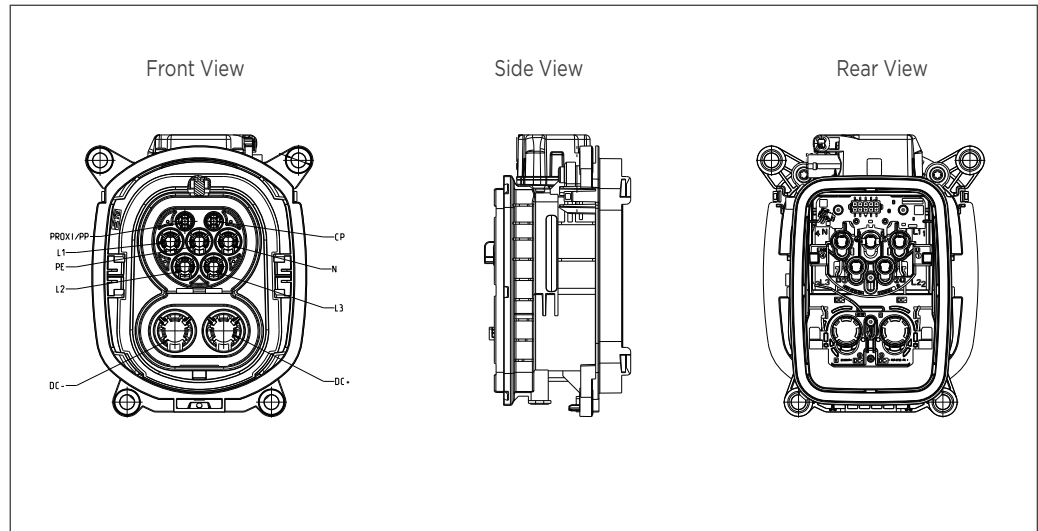


Drawing [2386777](#)

* Drawing number is not the order number.



AMP+ CI 500 Series Charging Inlet - CCS Type 2



Technical Features

Terminal Size/System:

Round contact

AC Contacts:

6 mm² wire size

DC Contacts:

95 mm² wire size

Voltage Rating AC:

480 VAC

Voltage Rating DC:

1000 VDC

Current Capacity AC:

32 A

Current Capacity DC:

500 A (cooled infrastructure);
335 A (uncooled infrastructure)

IP Rating:

IP55 (front, mated)
IP67 (rear)

Cable Outlet:

90°/90° left
90°/90° right
90°/180° left
90°/180° right
180°/180°

LED Charging Indicator:

No

Finger Protection:

Yes

Vibration Level:

SG-2 (LV 215-1)

Application Specification:

[114-94727](#) (90°/90°)

[114-94728](#) (90°/180°)

[114-94729](#) (180°/180°)

Product Specification:

[108-94843](#)

Drawing:

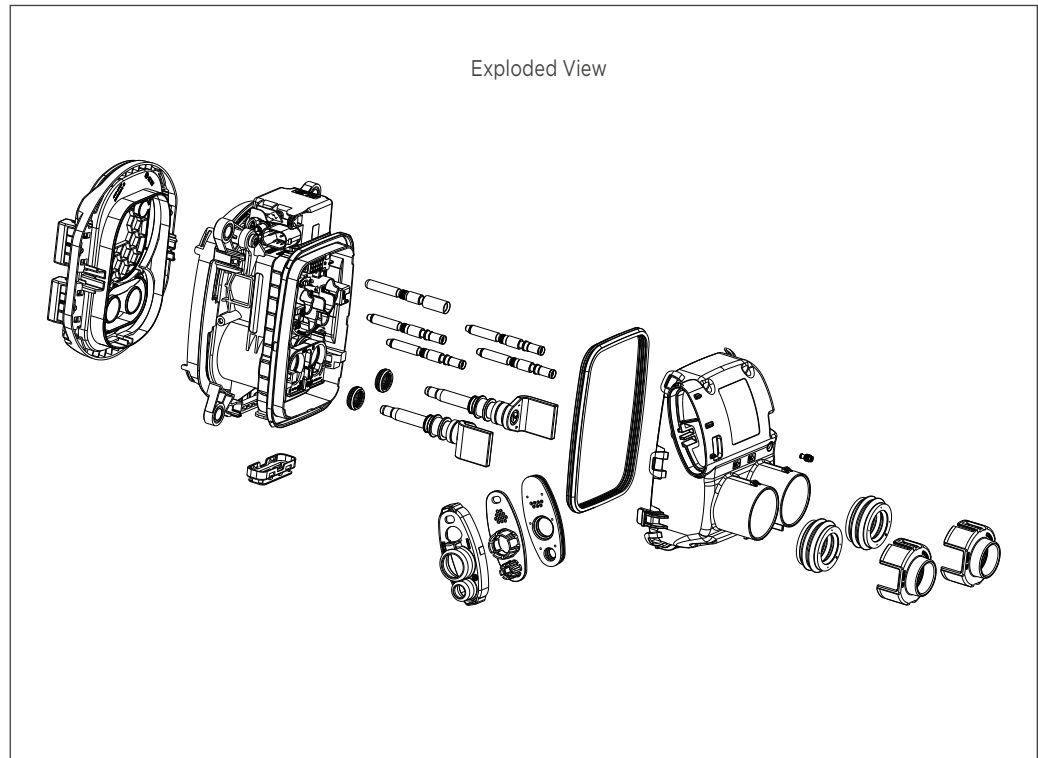
[2386778](#)

Standards:

IEC 62196

Optional Accessories:

- Flap assembly: 2337030
- AC/DC dust cover with wire strap: 2411949, 2331969,, 2333944



Drawing [2386778](#)

* Drawing number is not the order number.



AMP+ CI 500 Series Charging Inlet - Type Japan DC

Technical Features

Terminal Size/System:

Socket contact

DC Contacts:

95 mm² wire size

Voltage Rating DC:

1000 VDC

Current Capacity DC:

500 A (cooled infrastructure);
335 A (uncooled infrastructure)

IP Rating:

IP55 (front, mated)
IP67 (rear)

Cable Outlet:

180°

LED Charging Indicator:

No

Finger Protection:

Yes

Vibration Level:

SG-2 (LV 215-1)

Application Specification:

[114-94730](#)

Product Specification:

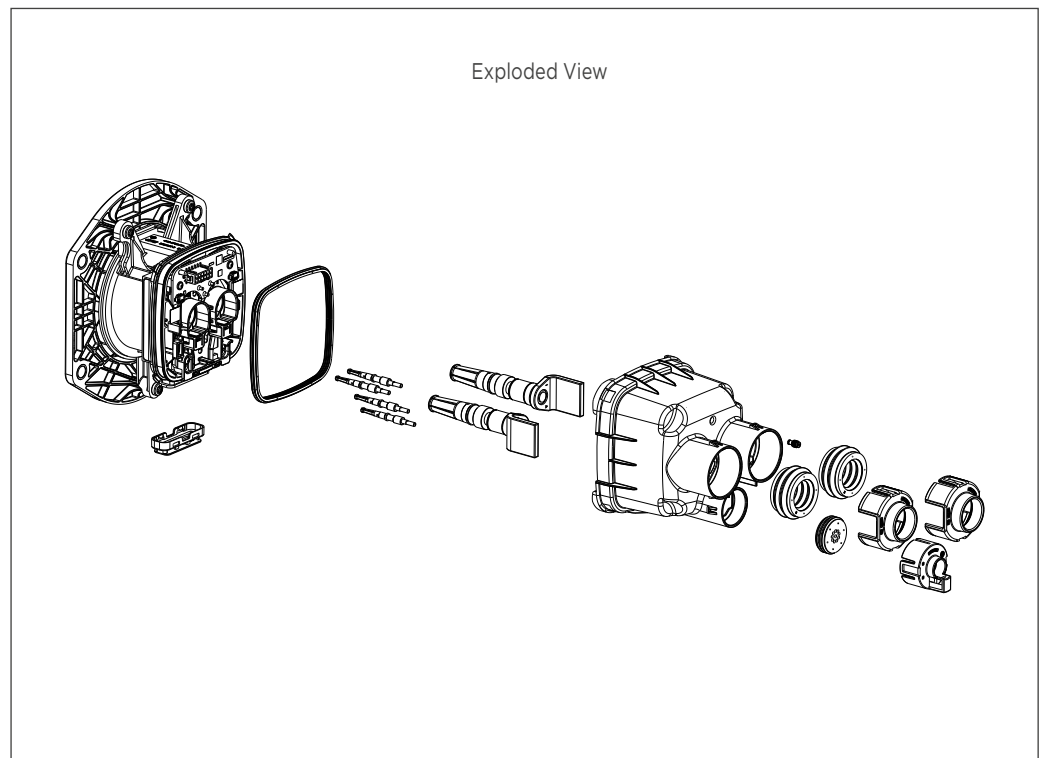
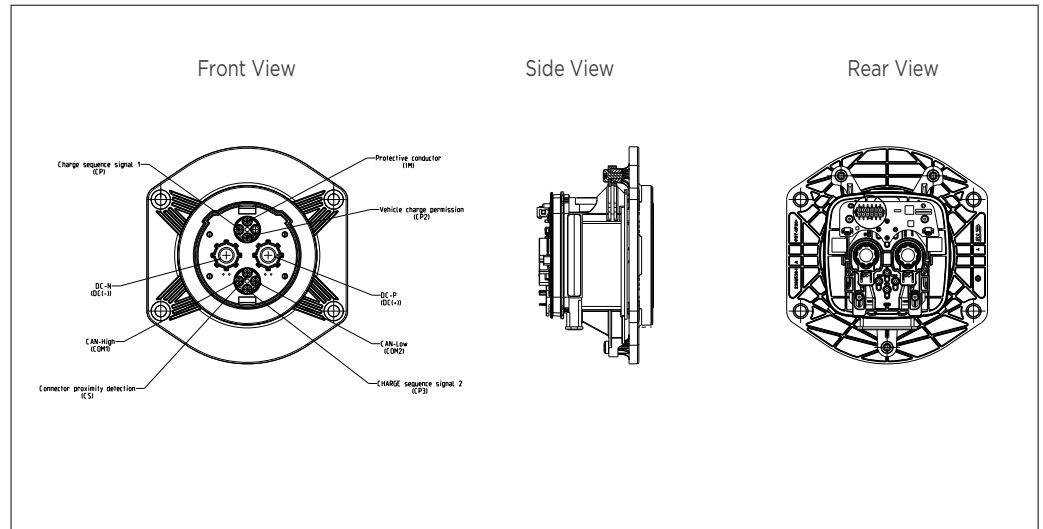
[108-94844](#)

Drawing:

[2386779](#)

Standards:

IEC 62196

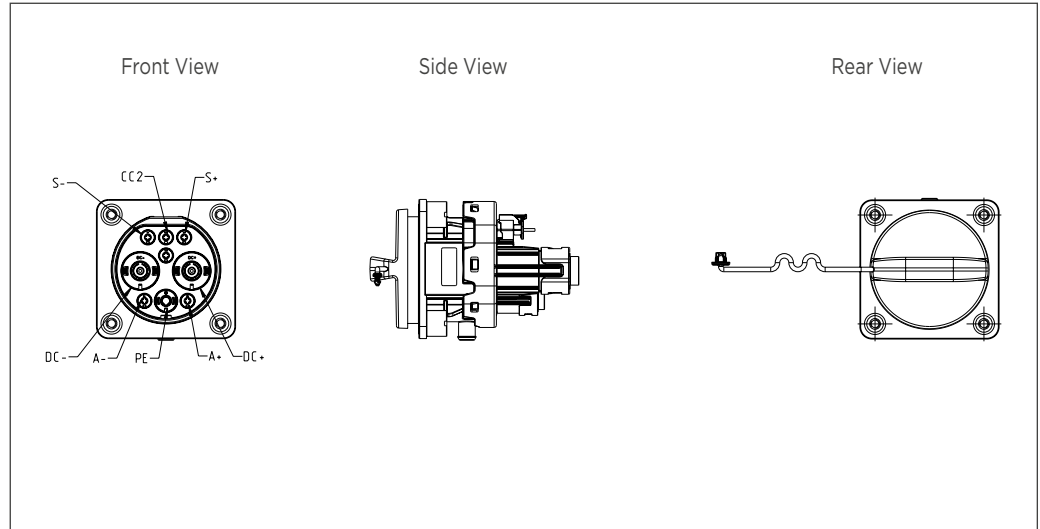


Drawing [2386779](#)

* Drawing number is not the order number.



AMP+ CI 250 Series Charging Inlet - Type GB DC



Drawing [2397227](#)

Technical Features

- Poles:**
2p + 7p
- Terminal Size/System:**
Round contact
- DC Contacts:**
16 mm² to 95 mm² wire size
- Voltage Rating DC:**
1000 VDC max.
- Current Carrying Capacity:**
80 A to 600 A
- IP Rating (mated):**
IPX7 immersion with pressure
IPX9K on interface, flap open
- Cable Outlet:**
180°/180°
- LED Charging Indicator:**
No
- Assembly Type:**
Rear
- Temperature Sensor:**
2 Pcs NTC for DC+/DC
R25°C = 10 kΩ ±1%
B25/50=3950k ±1%
- Application Specification:**
[114-160029](#)
- Product Specification:**
[108-160060](#)
- Drawing:**
[2397227](#)
- Standards:**
GB/T 20234.1
GB/T 20234.3
- Optional Accessories:**
 - Dust cover with wire strap:
2395348-1

Item	Installation Type	Cable Exit Direction	Current	Wire Size
1			80 A	16 mm ²
2			100 A	25 mm ²
3			150 A	35 mm ²
4	Rear	180°	200 A	50 mm ²
5			250 A	70 mm ²
6			250-600 A	95 mm ²

Solutions available for copper wire, aluminum wire, and aluminum row.

* Drawing number is not the order number.



AMP+ CI 200 Series Charging Inlet - CCS Type 1

Technical Features

Terminal Size/System:

Round contact

AC Contacts:

6 mm² wire size

DC Contacts:

50 mm² wire size

Voltage Rating AC:

250 VAC

Voltage Rating DC:

600 VDC

Current Capacity AC:

32 A

Current Capacity DC:

200 A

IP Rating:

IP55 (front, mated)

IP67 (rear)

Cable Outlet:

90°/90° left

90°/90° right

90°/180° left

90°/180° right

180°/180°

LED Charging Indicator:

No

Finger Protection:

Yes

Vibration Level:

SG-2 (LV 215-1)

Application Specification:

[114-94648](#) (90°/90°)

[114-94649](#) (90°/180°)

[114-94762](#) (180°/180°)

Product Specification:

[108-94777](#)

Drawing:

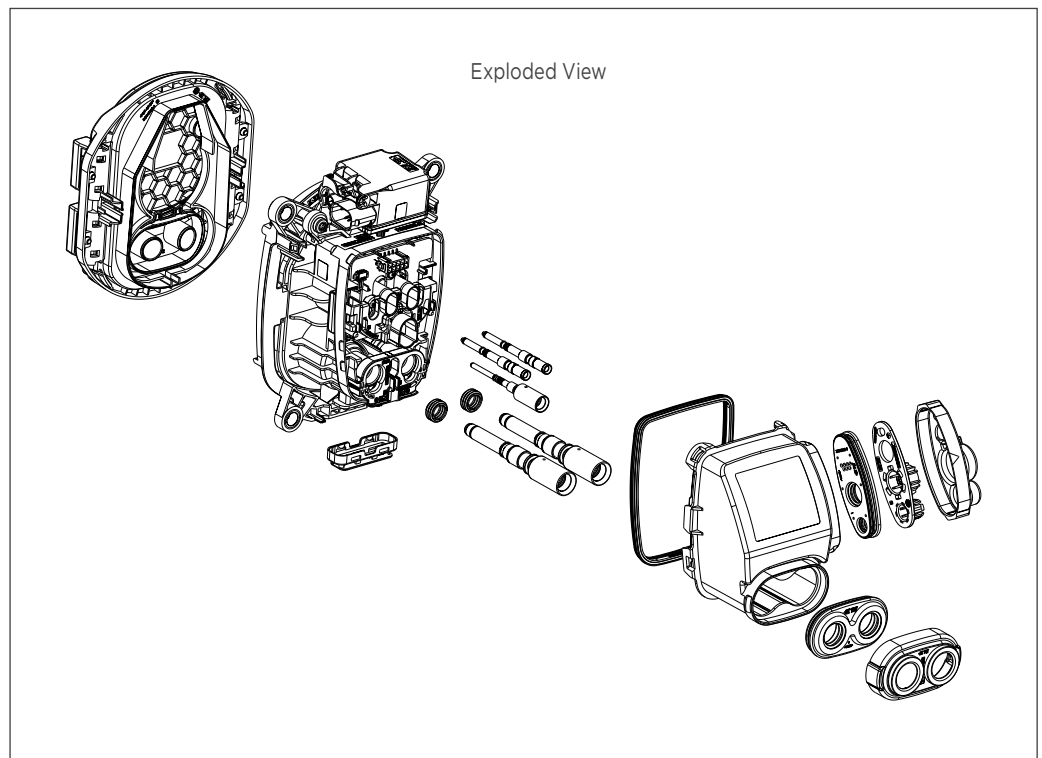
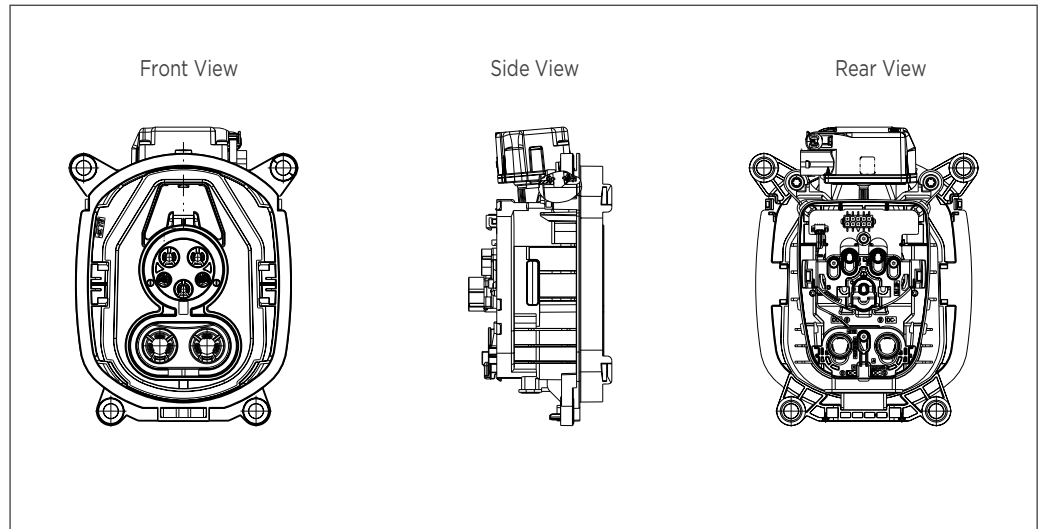
[2337006](#)

Standards:

IEC 62196

Optional Accessories:

- Flap assembly: 2337030
- AC/DC dust cover with wire strap: 2411946, 2331969, 2333944



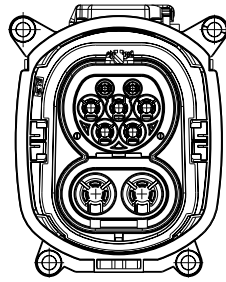
Drawing [2337006](#)

* Drawing number is not the order number.

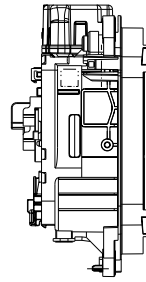


AMP+ CI 200 Series Charging Inlet - CCS Type 2

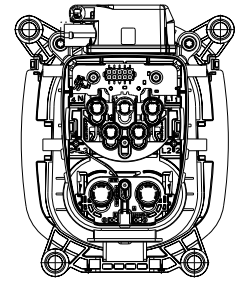
Front View



Side View



Rear View



Technical Features

Terminal Size/System:

Round contact

AC Contacts:6 mm² wire size**DC Contacts:**50 mm² wire size**Voltage Rating AC:**

480 VAC

Voltage Rating DC:

1,000 VDC

Current Capacity AC:

32 A

Current Capacity DC:

200 A

IP Rating:

IP55 (front, mated)

IP67 (rear)

Cable Outlet:

90°/90° left

90°/90° right

90°/180° left

90°/180° right

180°/180°

LED Charging Indicator:

No

Finger Protection:

Yes

Vibration Level:

SG-2 (LV 215-1)

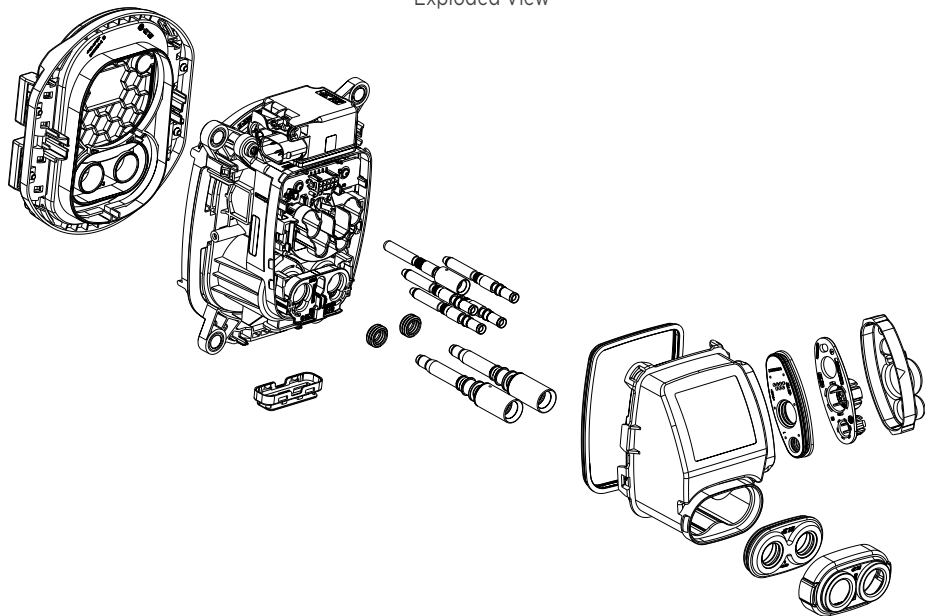
Application Specification:[114-94650](#) (90°/90°)[114-94651](#) (90°/180°)[114-94763](#) (180°/180°)**Product Specification:**[108-94778](#)**Drawing:**[2337016](#)**Standards:**

IEC 62196

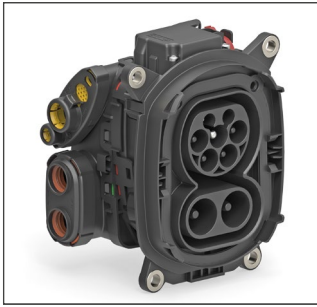
Optional Accessories:

- Flap assembly: 2337030
- AC/DC dust cover with wire strap: 2411949, 2331969, 2333944

Exploded View

Drawing [2337016](#)

* Drawing number is not the order number.



AMP+ CI 200 Series Charging Inlet - CCS Type 2 with LED Indicator

Technical Features

Terminal Size/System:

Round contact

AC Contacts:

6 mm² wire size

DC Contacts:

50 mm² wire size

Voltage Rating AC:

480 VAC

Voltage Rating DC:

1,000 VDC

Current Capacity AC:

32A

Current Capacity DC:

200A

IP Rating:

IP55 (front, mated)

IP67 (rear)

Cable Outlet:

90°/90° left

90°/90° right

90°/180° left

90°/180° right

180°/180°

LED Charging Indicator:

Yes

Finger Protection:

Yes

Vibration Level:

SG-2 (LV 215-1)

Application Specification:

[114-94650](#) (90°/90°)

[114-94651](#) (90°/180°)

[114-94763](#) (180°/180°)

Product Specification:

[108-94778](#)

Drawing:

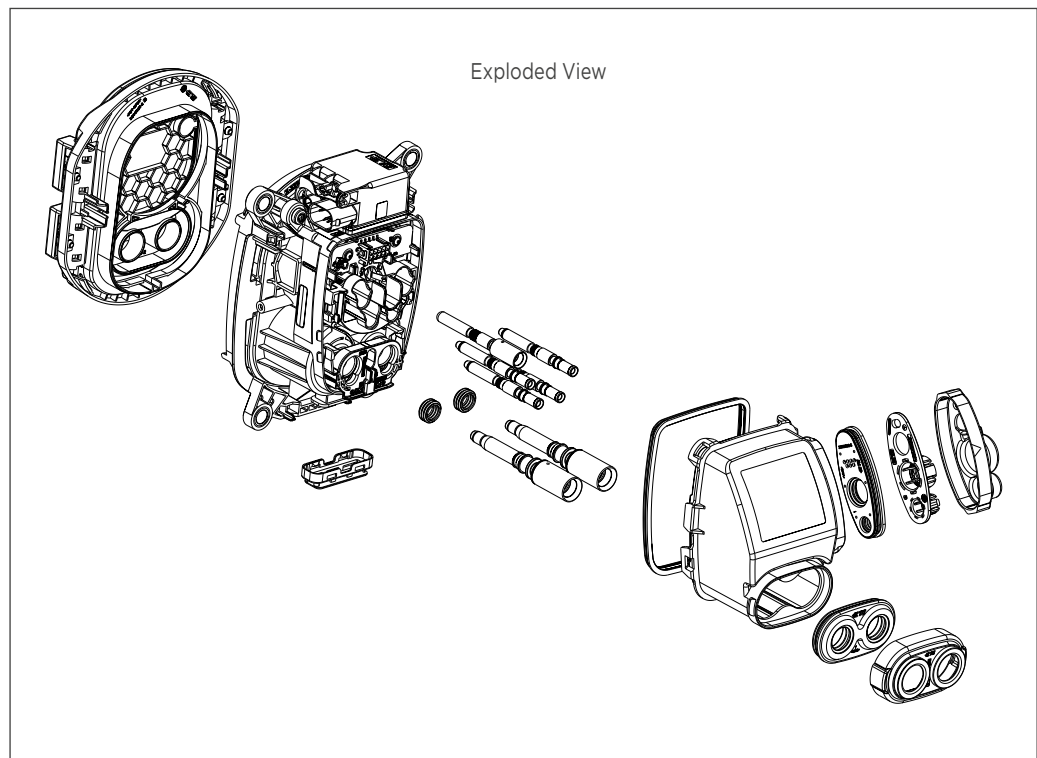
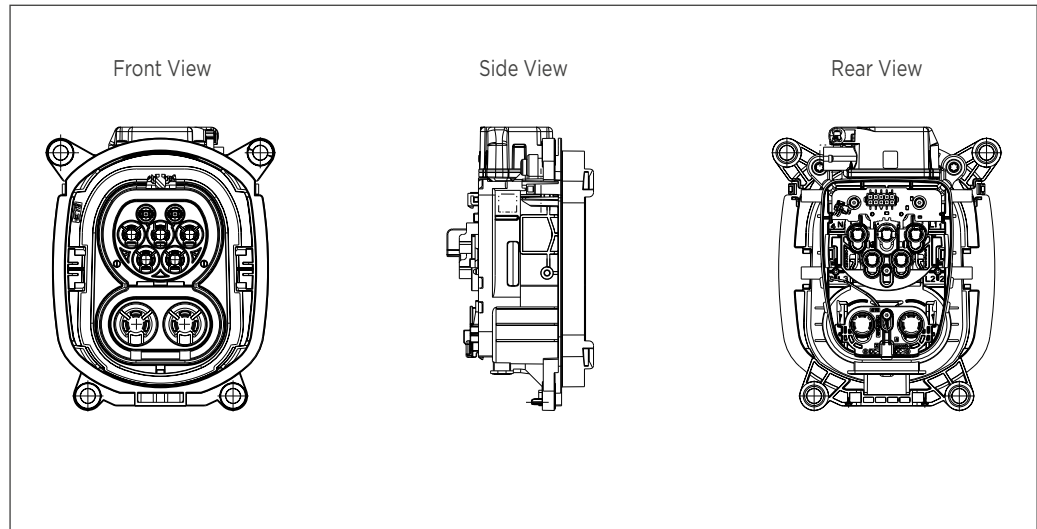
[2337016](#)

Standards:

IEC 62196

Optional Accessories:

- Flap assembly: 2337030
- AC/DC dust cover with wire strap: 2411946, 2331969, 2333944



Drawing [2337016](#)

* Drawing number is not the order number.

AMP+ CI 32ED Series Charging Inlet - Type 1 with LED Indicator



Technical Features

Terminal Size/System:

Round contact

AC Contacts:6 mm² wire size**Voltage Rating AC:**

250 VAC

Current Capacity AC:

32A

IP Rating:

IP55 (front, mated)

IP67 (rear)

Cable Outlet:

90° left/right/down

LED Charging Indicator:

Yes

Finger Protection:

Yes

Vibration Level:

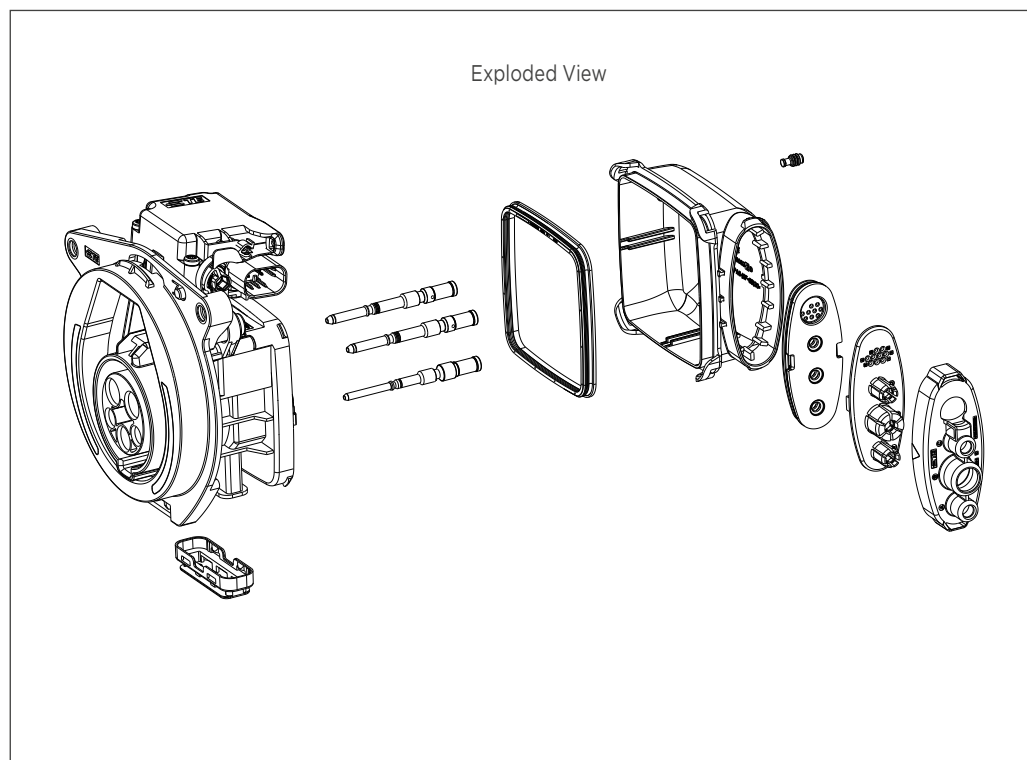
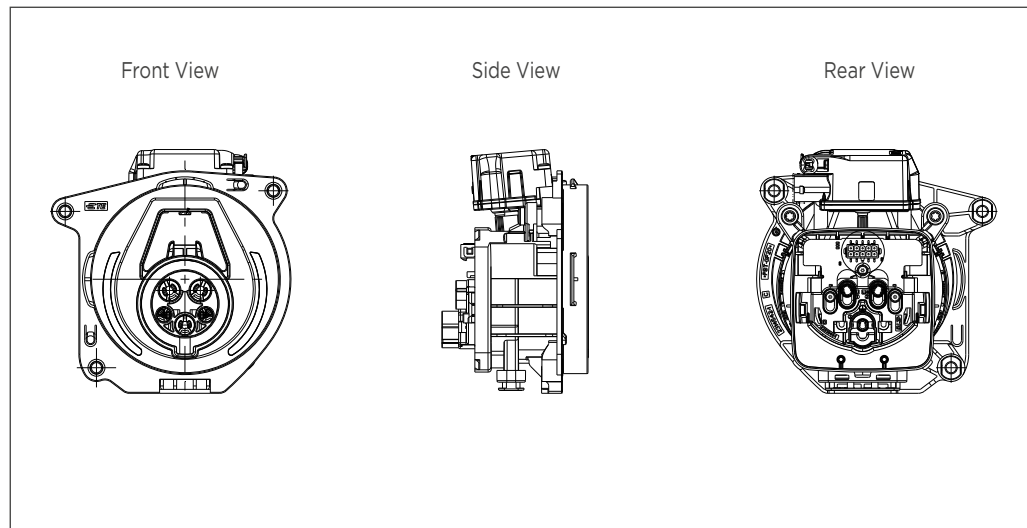
SG-2 (LV 215-1)

Application Specification:[114-94652](#)**Product Specification:**[108-94779](#)**Drawing:**[2368475](#)**Standards:**

IEC 62196

Optional Accessories:

- AC dust cover with wire strap:
2411949, 2333944

Drawing [2368475](#)

* Drawing number is not the order number.



Technical Features

Terminal Size/System:
Round contact

AC Contacts:
6 mm² wire size

Voltage Rating AC:
480 VAC

Current Capacity AC:
32A

IP Rating:
IP55 (front, mated)
IP67 (rear)

Cable Outlet:
90° left/right/down

LED Charging Indicator:
Yes

Finger Protection:
Yes

Vibration Level:
SG-2 (LV 215-1)

Application Specification:
[114-94653](#)

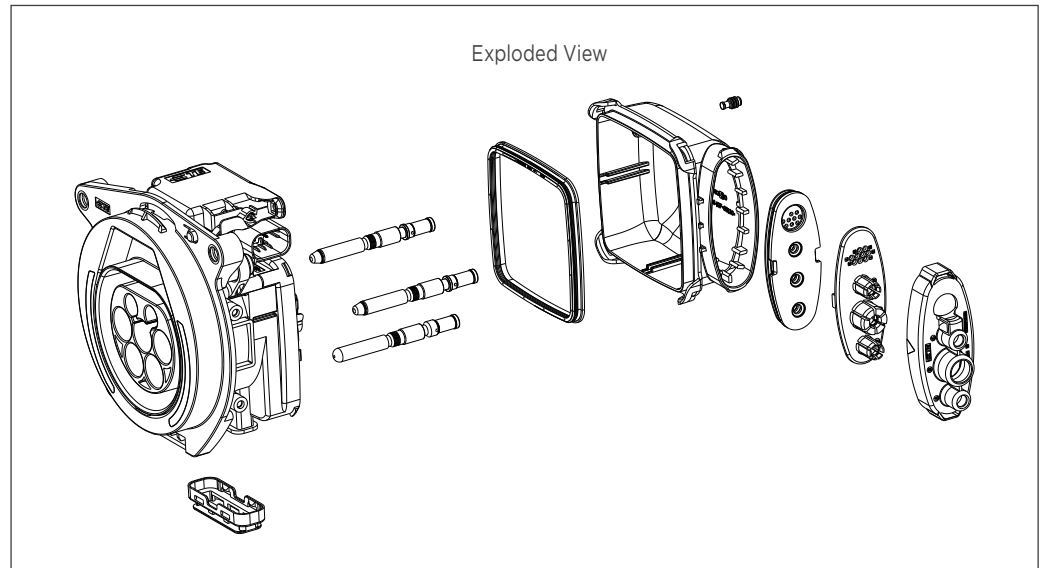
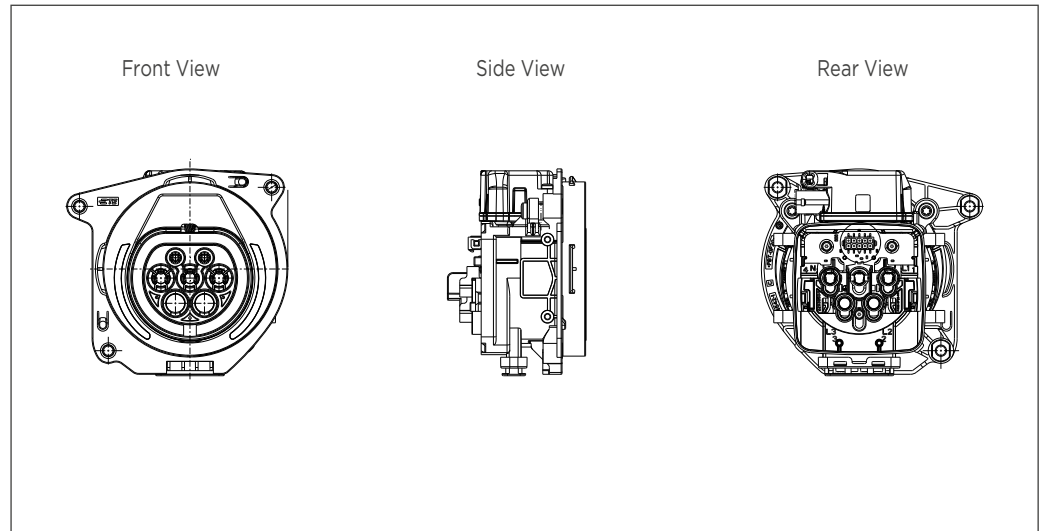
Product Specification:
[108-94780](#)

Drawing:
[2368472](#)

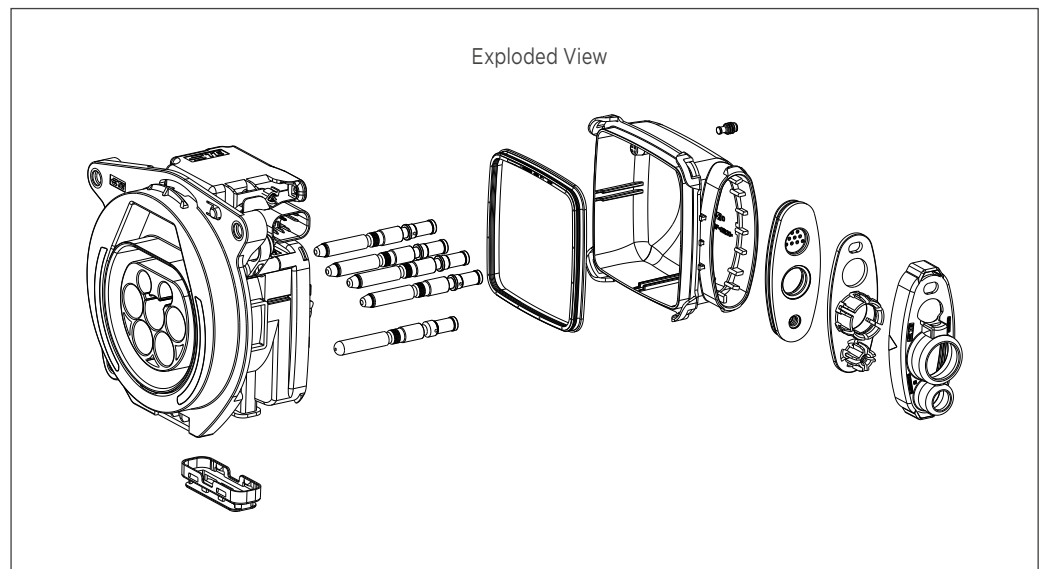
Standards:
IEC 62196

Optional Accessories:
• AC dust cover with wire strap:
2411949, 2333944

AMP+ CI 32ED Series Charging Inlet - Type 2 with LED Indicator



One-phase charging option



Three-phase charging option

Drawing [2368472](#)

* Drawing number is not the order number.

AMP+ CI 32ED Series Charging Inlet - Type GB AC with LED Indicator



Technical Features

Terminal Size/System:

Socket contact

AC Contacts:6 mm² wire size**Voltage Rating AC:**

250 VAC

Current Capacity AC:

32 A

IP Rating:

IP55 (front, mated)

IP67 (rear)

Cable Outlet:

90° left/right/down

LED Charging Indicator:

Yes

Finger Protection:

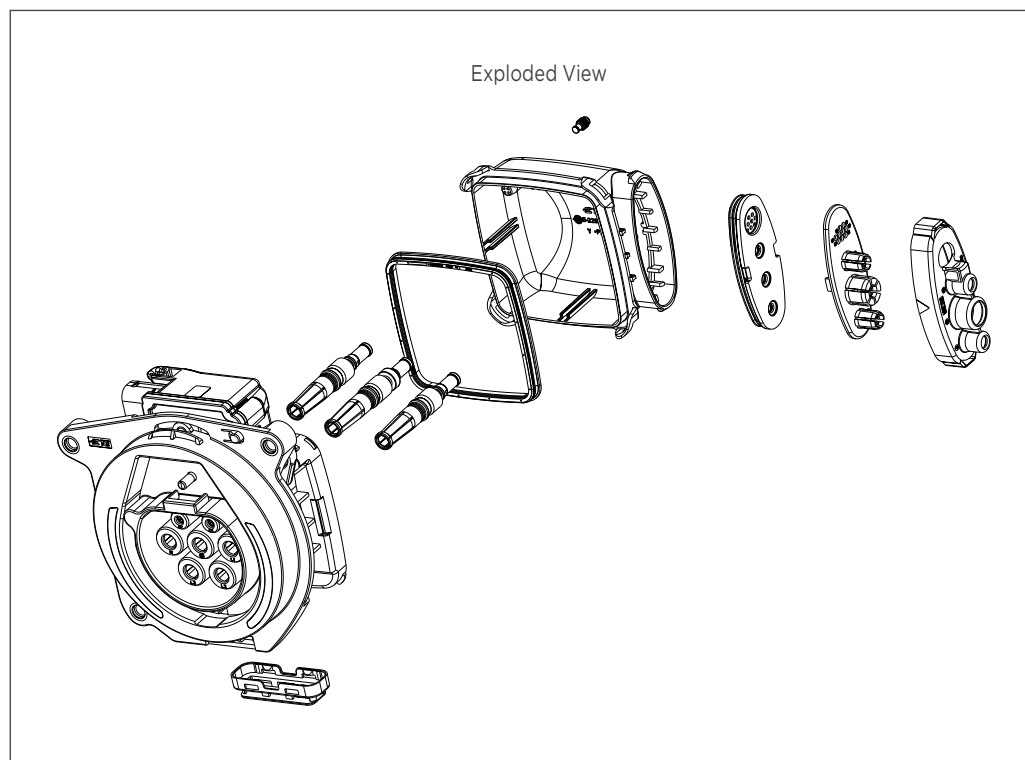
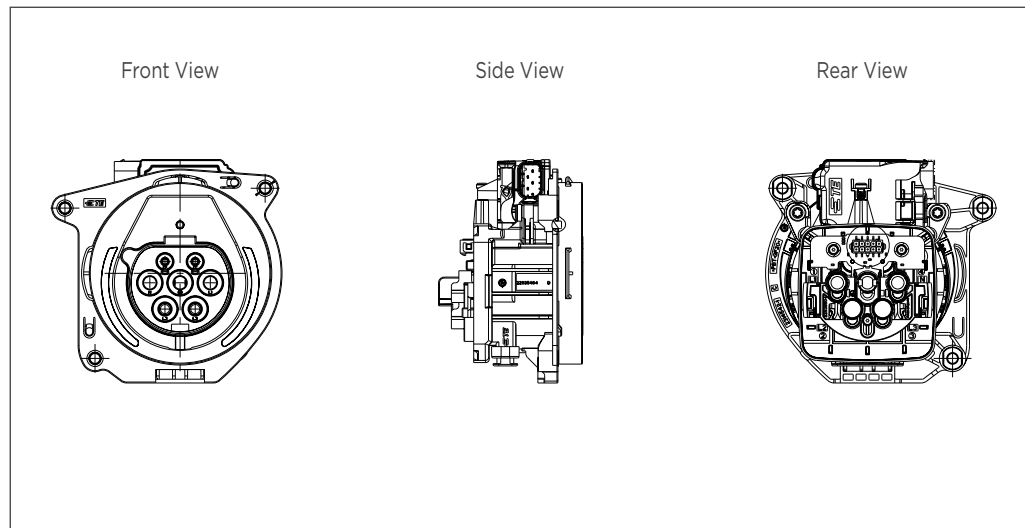
Yes

Vibration Level:

SG-2 (LV 215-1)

Application Specification:[114-94654](#)**Product Specification:**[108-94781](#)**Drawing:**[2368478](#)**Standards:**

GB/T 20234

Drawing [2368478](#)

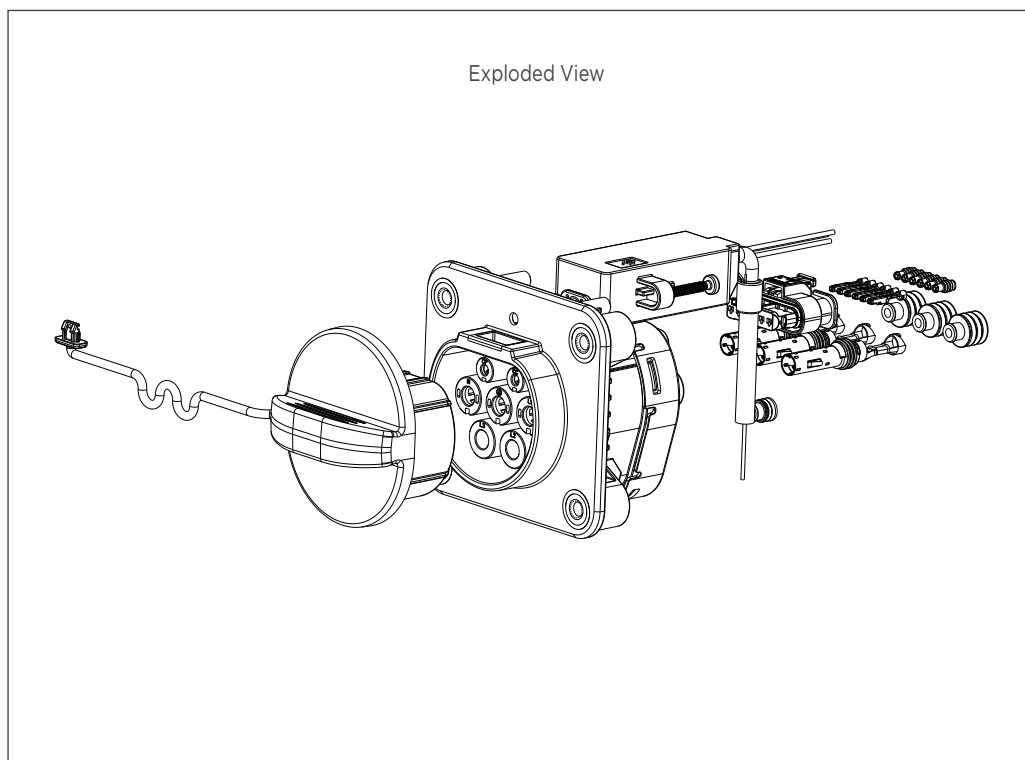
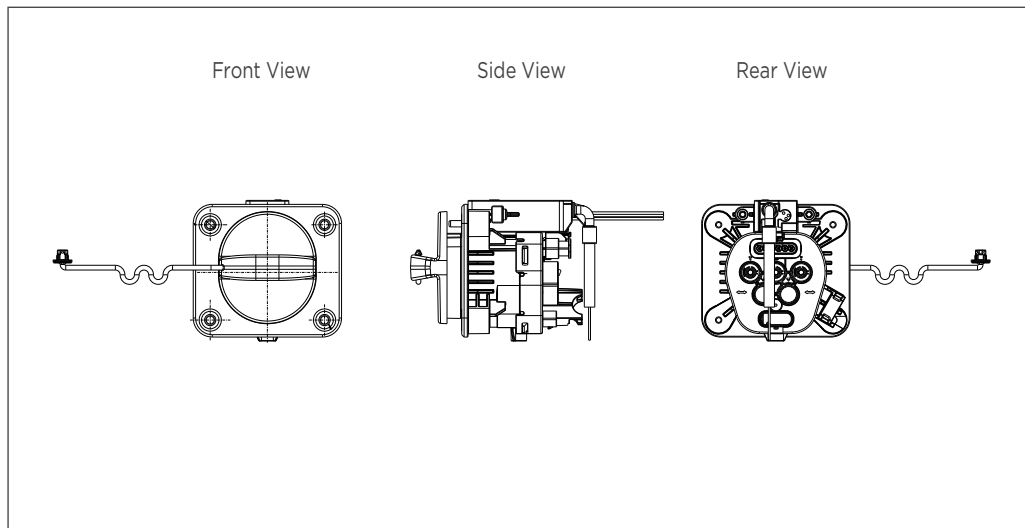
* Drawing number is not the order number.



Technical Features

- Poles:**
5p (single-phase) or
7p (three-phase)
- Terminal Size/System:**
Round contact
- Wire Size:**
2.5 mm² to 6 mm² wire size
- Voltage Rating:**
250 VAC and 380 VAC
- Current Capacity AC:**
32A
- IP Rating (mated):**
IPX7 immersion with pressure
IPX9K on interface, flap open
- Cable Outlet:**
180°
- LED Charging Indicator:**
No
- Assembly Type:**
Rear
- Temperature Sensor:**
2 Pcs NTC for L1/N
R25°C = 10kΩ ±1%
B25/50 = 2950k ±1%
- Application Specification:**
[114-160179](#)
- Product Specification:**
[108-160334](#)
- Drawing:**
[2395540](#)
- Standards:**
GB/T 20234.1
GB/T 20234.2

AMP+ CI 32ED Series Charging Inlet - Type GB AC



Drawing [2395540](#)

Item	Installation Type	Cable Exit Direction	Actuator	Current	Wire Size
1			No	10 A	2.5 mm ²
2	Rear	180°	Yes	16 A	4 mm ²
3			Yes	32 A	6 mm ²

Actuator not required for current levels less than 16 A.

* Drawing number is not the order number.



AMP+ Charging Inlet Actuators

Technical Features

Compatible With:
 Type 1/CCS Type 1
 Type 2/CCS Type 2
 Type GB AC

Position Sensing:
 Micro-Switch or light barrier switch

No. of Detectable Positions:
 3: start, end, operating position

Wired Connection to Vehicle:
 Sealed 4-pos. MGS inter-connection system interface

Number of Pins:
 3 or 4

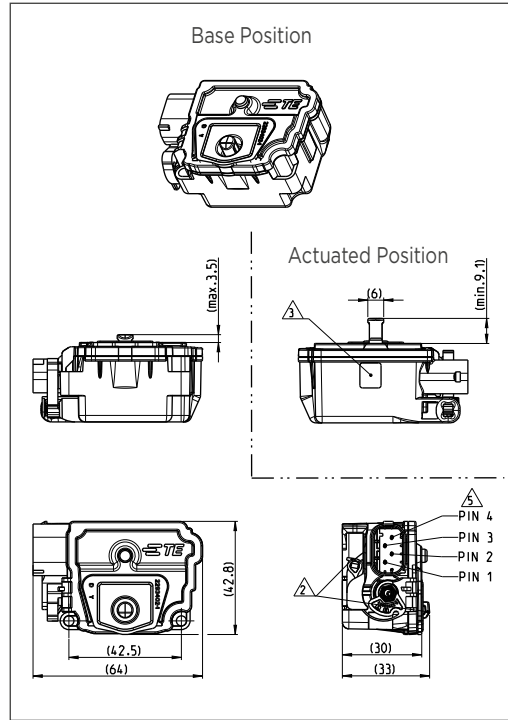
IP Rating, Mated:
 IP65, IP67

Lifetime Cycles:
 50k Micro-Switch variant
 84k light barrier variant

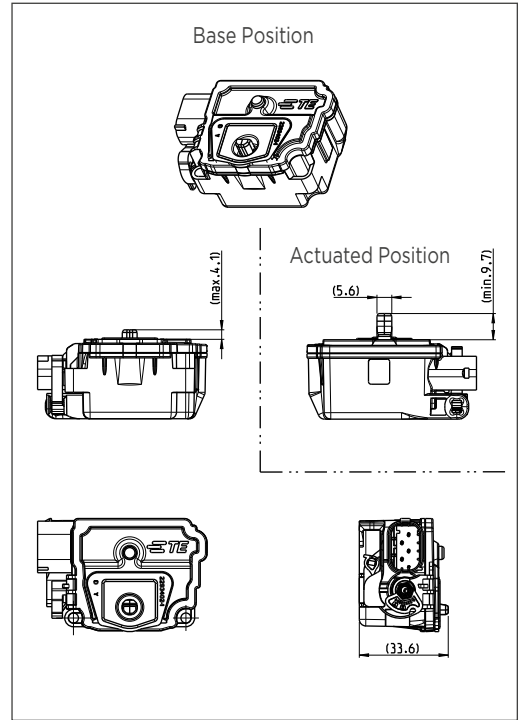
Product Specification:
[108-94519](#)

Drawing:
[2392464](#)

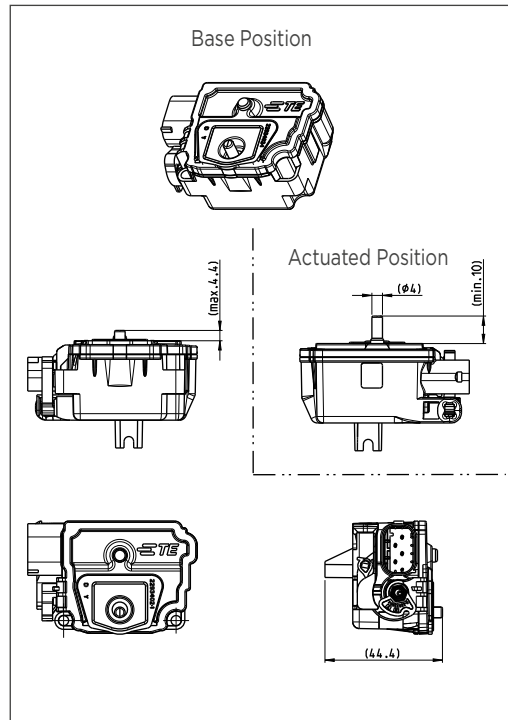
Standards:
 IEC 62196
 GB/T 20234



Type 1 Option



Type 2 Option



Type GB AC Option

Drawing [2392464](#)

* Drawing number is not the order number.



Technical Features

Terminal Size/System:

Round contact

AC Contacts:

6 mm² wire size

DC Contacts:

50 mm² wire size

Cable Length:

2 m or 4 m

Voltage Rating AC:

250 VAC

Voltage Rating DC:

600 VDC

Current Capacity AC:

32A

Current Capacity DC:

200A

IP Rating:

IP55 (front, mated)

IP67 (rear)

Cable Outlet:

90°/90° left

90°/90° right

90°/180° left

90°/180° right

180°/180°

LED Charging Indicator:

No

Finger Protection:

Yes

Vibration Level:

SG-2 (LV 215-1)

Product Specification:

[108-94777](#)

Drawing:

[2406969](#)

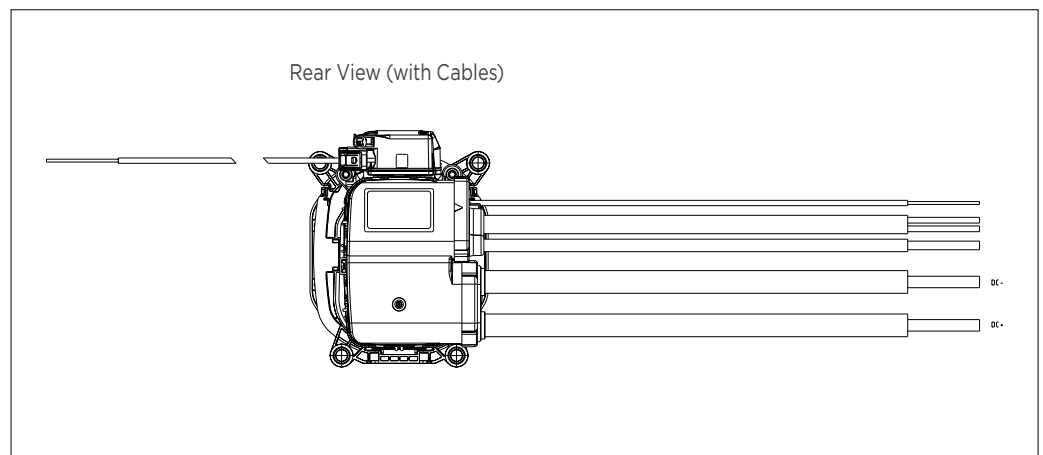
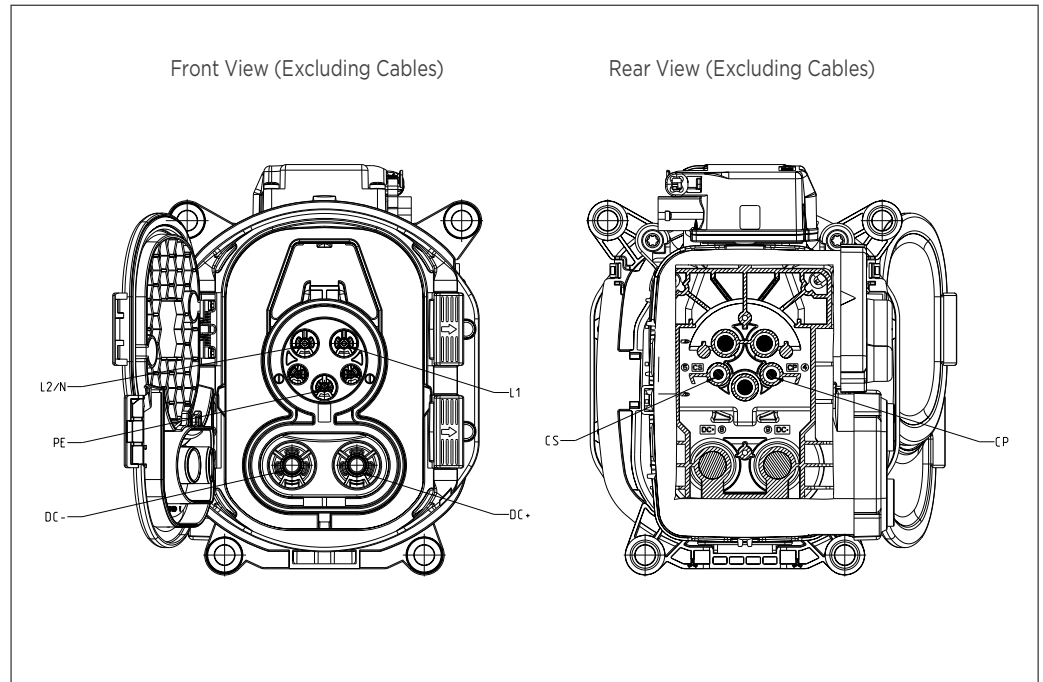
Standards:

IEC 62196

Optional Accessories::

- Flap assembly: 2337030
- AC/DC dust cover with wire strap: 2411946, 2331969, 2333944

AMP+ CI 200 Series Charging Harness Assembly - CCS Type 1



Drawing [2406969](#)

* Drawing number is not the order number.



AMP+ CI 200 Series Charging Harness Assembly - CCS Type 2

Technical Features

Terminal Size/System:

Round contact

AC Contacts:

6 mm² wire size

DC Contacts:

50 mm² wire size

Cable Length:

2 m or 4 m

Voltage Rating AC:

480 VAC

Voltage Rating DC:

1,000 VDC

Current Capacity AC:

32 A

Current Capacity DC:

200 A

IP Rating:

IP55 (front, mated)

IP67 (rear)

Cable Outlet:

90°/90° left

90°/90° right

90°/180° left

90°/180° right

180°/180°

LED Charging Indicator:

No

Finger Protection:

Yes

Vibration Level:

SG-2 (LV 215-1)

Product Specification:

[108-94778](#)

Drawing:

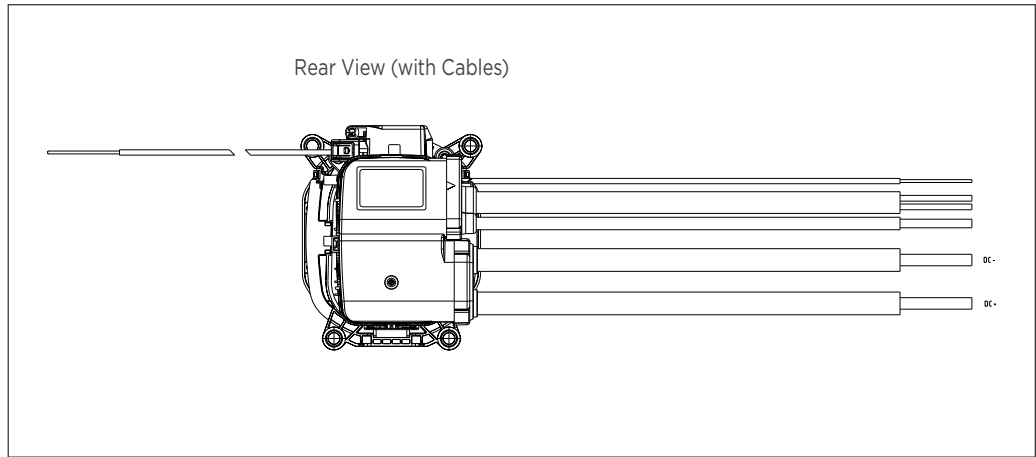
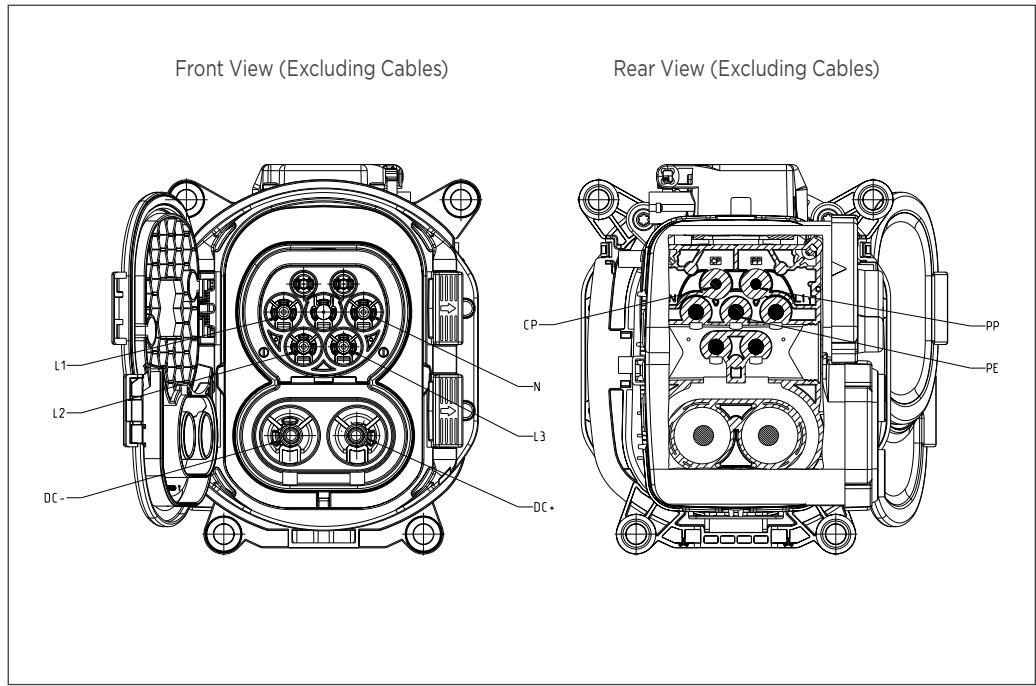
[2408732](#)

Standards:

IEC 62196

Optional Accessories:

- Flap assembly: 2337030
- AC/DC dust cover with wire strap: 2411949, 2331969, 2333944



Drawing [2408732](#)

* Drawing number is not the order number.



Technical Features

Terminal Size/System:

Round contact

AC Contacts:

6 mm² wire size

DC Contacts:

50 mm² wire size

Cable Length:

2 m or 4 m

Voltage Rating AC:

480 VAC

Voltage Rating DC:

1,000 VDC

Current Capacity AC:

32A

Current Capacity DC:

200A

IP Rating:

IP55 (front, mated)

IP67 (rear)

Cable Outlet:

90°/90° left

90°/90° right

90°/180° left

90°/180° right

180°/180°

LED Charging Indicator:

Yes

Finger Protection:

Yes

Vibration Level:

SG-2 (LV 215-1)

Product Specification:

[108-94778](#)

Drawing:

[2408732](#)

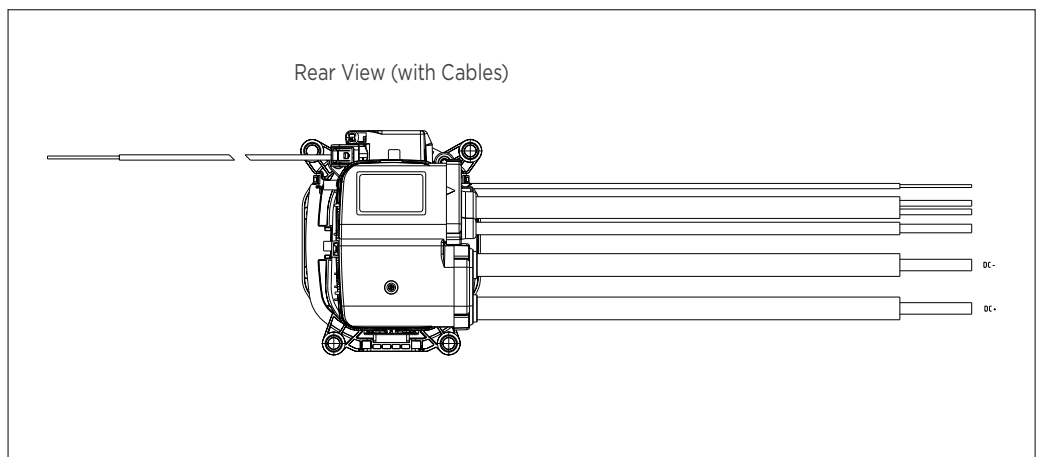
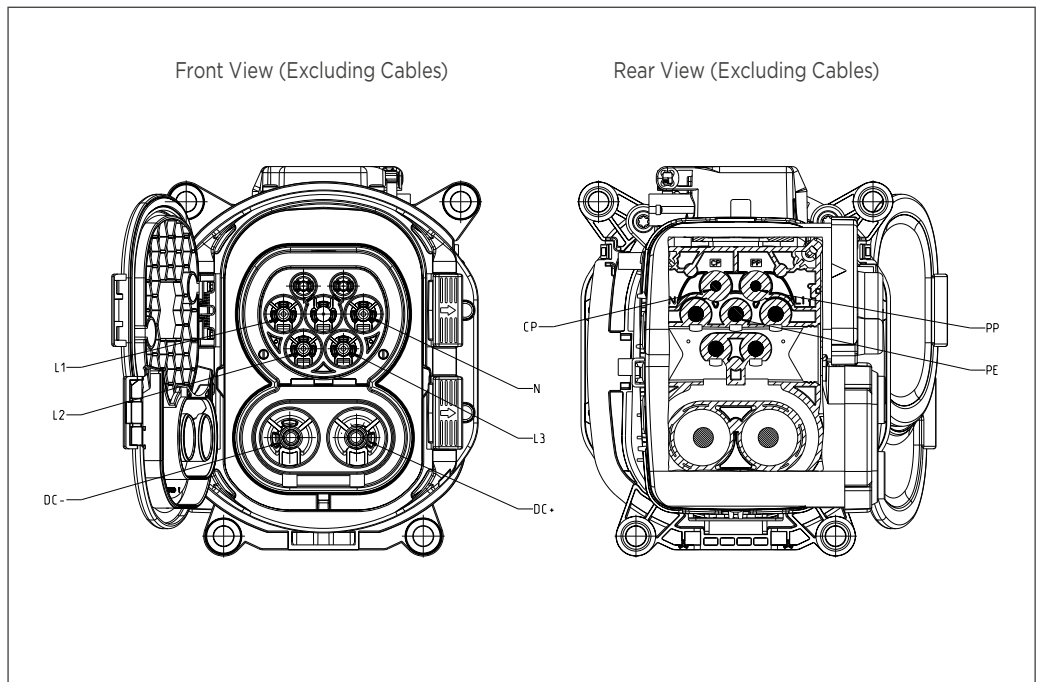
Standards:

IEC 62196

Optional Accessories:

- Flap assembly: 2337030
- AC/DC dust cover with wire strap: 2411946, 2331969, 2333944

AMP+ CI 200 Series Charging Harness Assembly - CCS Type 2 with LED Indicator



Drawing [2408732](#)

* Drawing number is not the order number.



AMP+ CI 32ED Series Charging Harness Assembly - Type 1 with LED Indicator

Technical Features

Terminal Size/System:

Round contact

AC Contacts:

6 mm² wire size

Cable Length:

2 m or 4 m

Voltage Rating AC:

250 VAC

Current Capacity AC:

32 A

IP Rating:

IP55 (front, mated)

IP67 (rear)

Cable Outlet:

90° left/right/down

LED Charging Indicator:

Yes

Finger Protection:

Yes

Vibration Level:

SG-2 (LV 215-1)

Product Specification:

[108-94779](#)

Drawing:

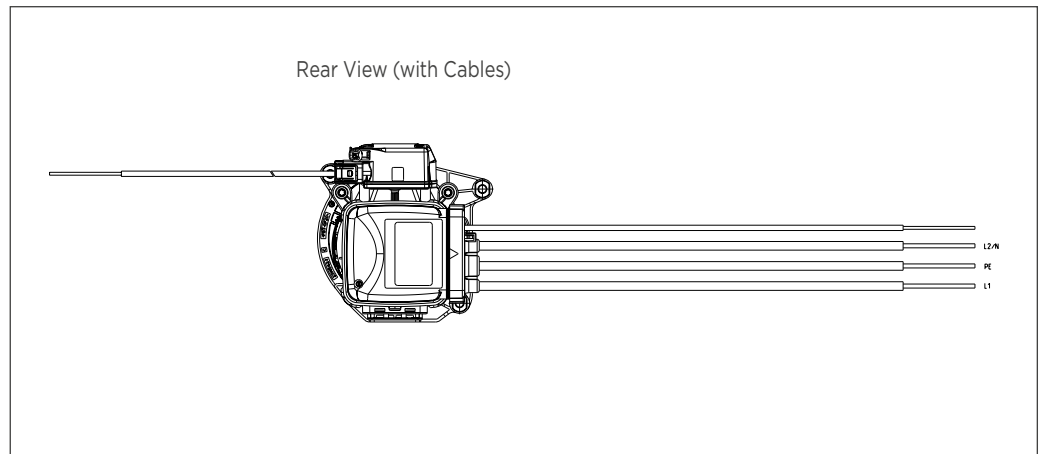
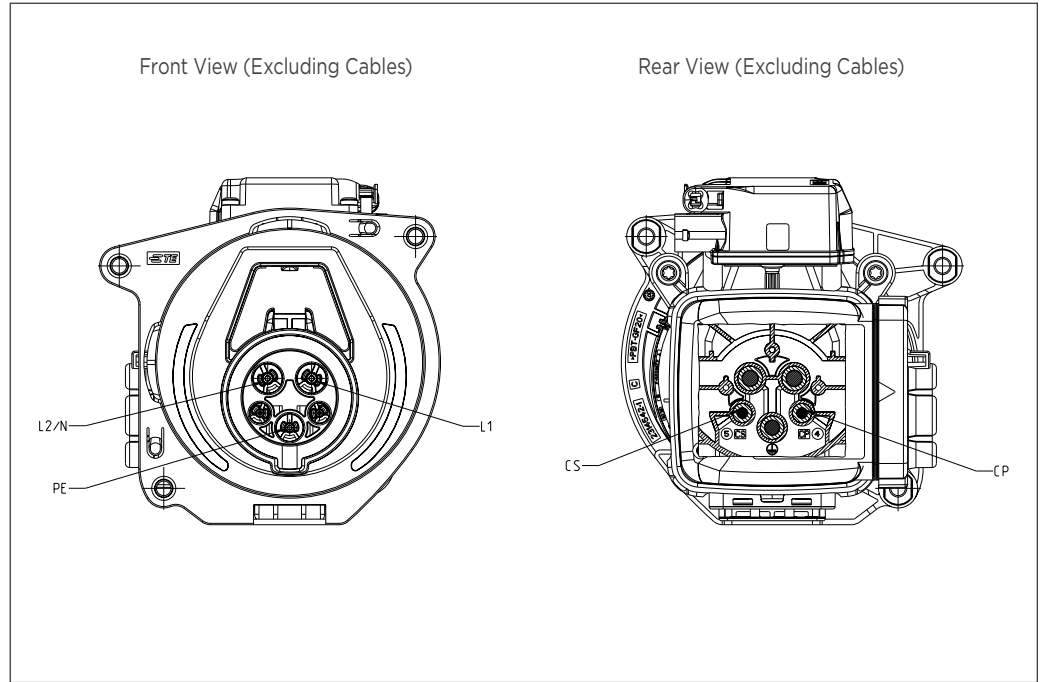
[2408730](#)

Standards:

IEC 62196

Optional Accessories:

- AC dust cover with wire strap: 2411346, 2333944



Drawing [2408730](#)

* Drawing number is not the order number.



Technical Features

Terminal Size/System:

Round contact

AC Contacts:

6 mm² wire size

Cable Length:

2 m or 4 m

Voltage Rating AC:

480 VAC

Current Capacity AC:

32 A

IP Rating:

IP55 (front, mated)

IP67 (rear)

Cable Outlet:

90° left/right/down

LED Charging Indicator:

Yes

Finger Protection:

Yes

Vibration Level:

SG-2 (LV 215-1)

Product Specification:

[108-94780](#)

Drawing:

[2408729](#)

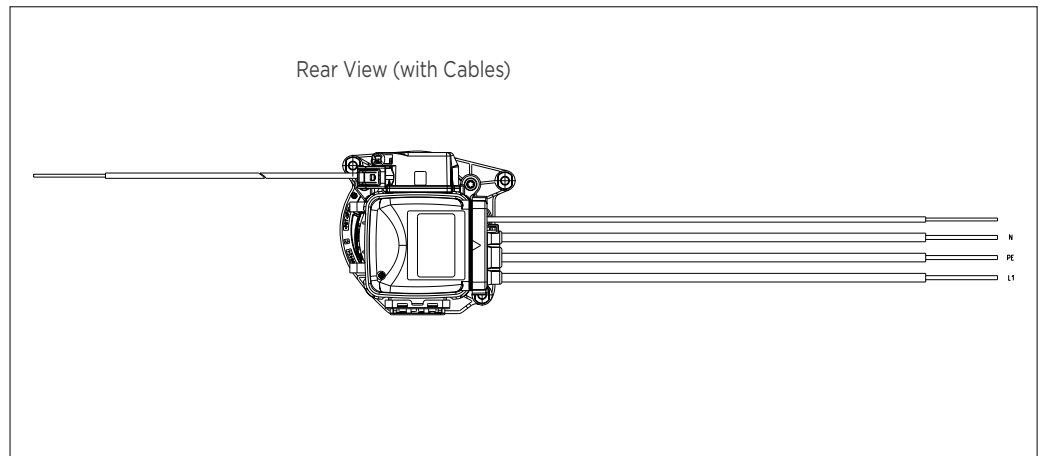
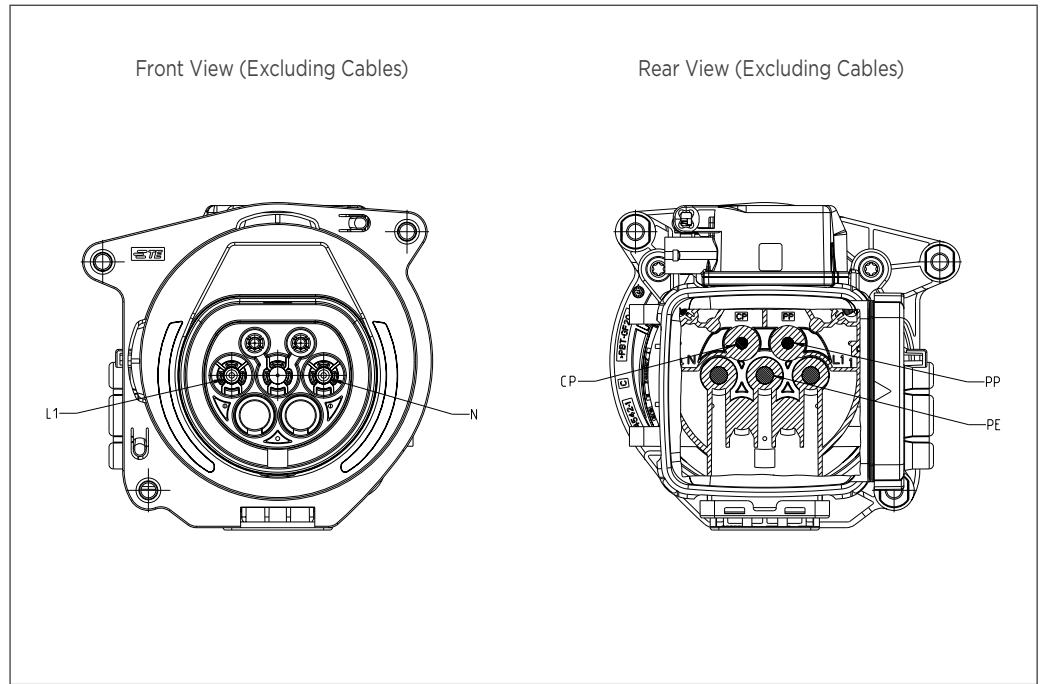
Standards:

IEC 62196

Optional Accessories:

- AC dust cover with wire strap: 2411949, 2333944

AMP+ CI 32ED Series Charging Harness Assembly - Type 2 with LED Indicator



Drawing [2408729](#)

* Drawing number is not the order number.



Technical Features

Terminal Size/System:

Socket contact

AC Contacts:

6 mm² wire size

Cable Length:

2 m or 4 m

Voltage Rating AC:

250 VAC

Current Capacity AC:

32 A

IP Rating:

IP55 (front, mated)

IP67 (rear)

Cable Outlet:

90° left/right/down

LED Charging Indicator:

Yes

Finger Protection:

Yes

Vibration Level:

SG-2 (LV 215-1)

Product Specification:

[108-94781](#)

Drawing:

[2408731](#)

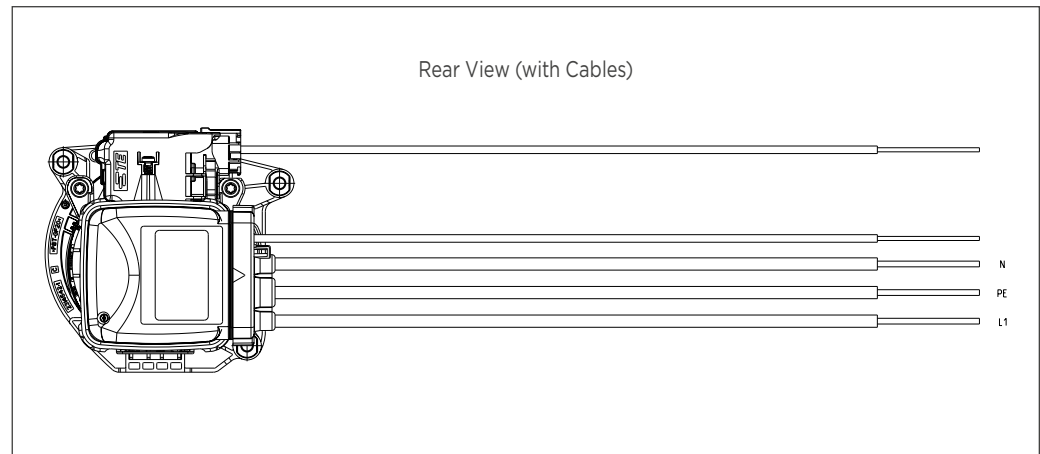
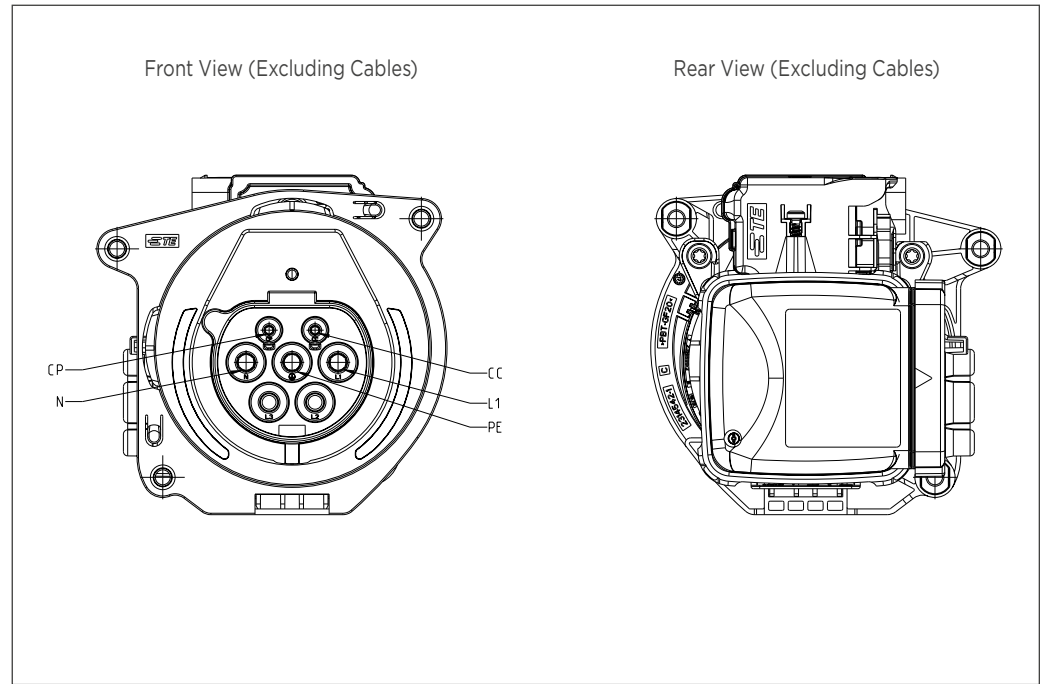
Standards:

GB/T 20234

Optional Accessories:

- AC dust cover with wire strap:
2411949, 2333944

AMP+ CI 32ED Series Charging Harness Assembly - Type GB AC with LED Indicator



Drawing [2408731](#)

* Drawing number is not the order number.



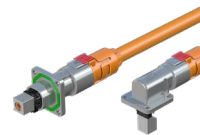
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The trend in electric drivetrains extends well beyond passenger cars. Industrial and commercial vehicles – from light-duty equipment to delivery vans, tractor-trailers, mass transit, and heavy-duty construction, farming and mining equipment – are also making the move toward adopting fully electrified powertrain architectures. These commercial applications demand extremely high power and flawless operation in very harsh environments where failure is not an option.

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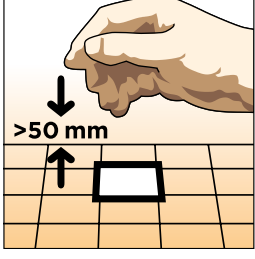
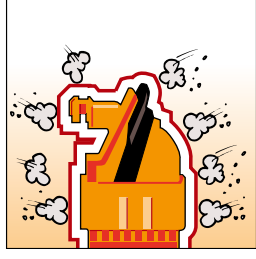
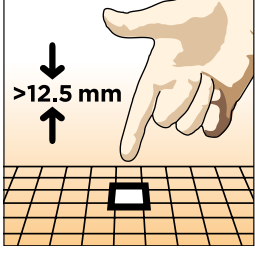
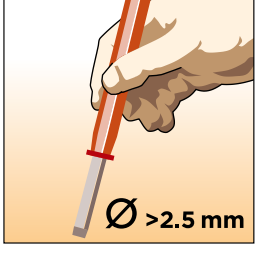
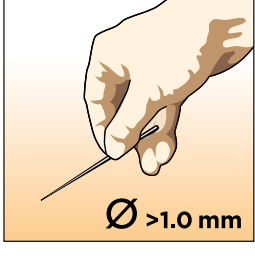
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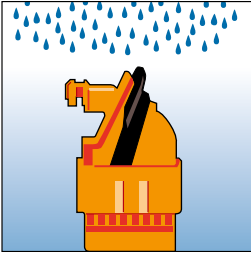

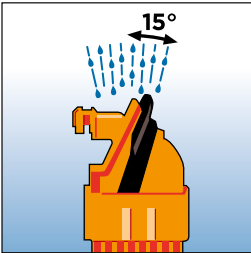

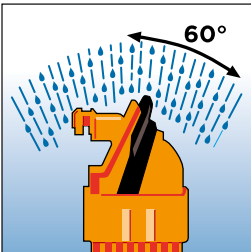
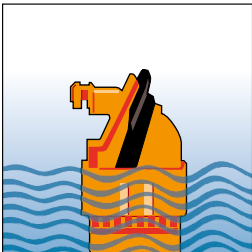
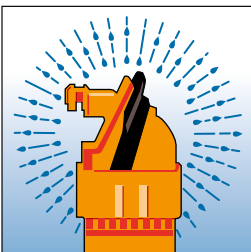
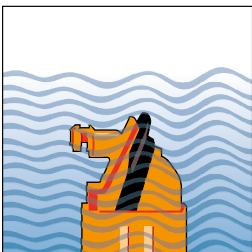
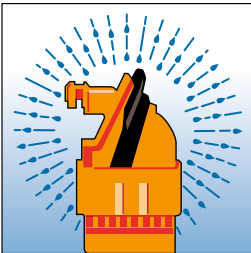

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APAC: +86 213325 9030

IP Code | Elements and Significance acc. to IEC 60529 and DIN 40050

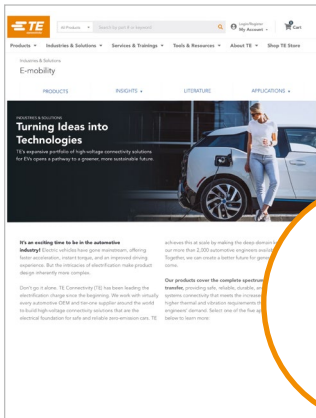
1st Digit	Against Foreign Objects (incl. Dust)	1st Digit	Against Foreign Objects (incl. Dust)		
0		Not protected.	5K		Dust protected.
1		Protected against solid objects greater than 50 mm (ex. back of hand).	6K		Dust tight.
2		Protected against solid objects greater than 12.5 mm (ex. finger).			
3		Protected against solid objects greater than 2.5 mm (ex. tool).			
4		Protected against solid objects greater than 1.0 mm (ex. wire).			

IP Code | Elements and Significance acc. to IEC 60529 and DIN 40050

2nd Digit	Against Water	2nd Digit	Against Water		
0		Not protected.	5		Protected against jetting water.
1		Protected against vertically dripping water.	6		Protected against powerfully jetting water.
2		Protected against dripping water when tilted up to 15°.	6K		Protected against powerfully jetting water with increased pressure (Automotive).
3		Protected against spraying water (up to 60° inclination).	7		Protected against the temporary effects of immersion up to 1 meter.
4		Protected against splashing water.	8		Protected against continuous submersion agreed with customer, but more severe than code 7.
4K		Protected against splashing water with increased pressure.	9K		Protected against high-pressure/steam-jet cleaning (Automotive).

TE CONNECTIVITY ONLINE

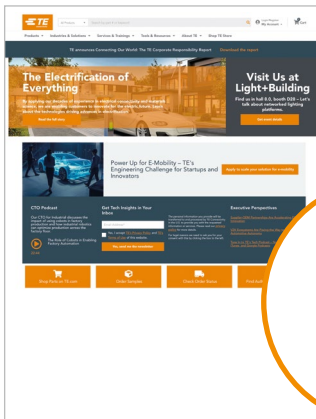
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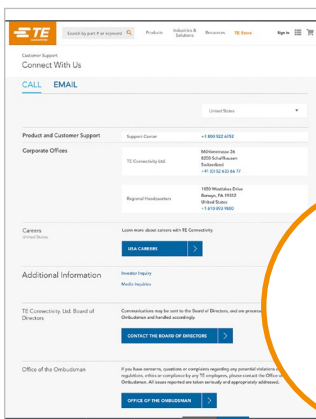
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