



# Reliable charging for efficient buildings

## EVlink™ Pro AC Metal

### Unique features

#### User-friendly

Simple and intuitive to:

- Purchase
- Install
- Commission
- Use
- Operate
- Maintain

#### Advanced Connectivity

- Mobile apps for commissioning
- Remote monitoring
- Smart charging
- OCPP 1.6 Json
- Modbus

#### Sustainability

- Green Premium™ label
- Repairability

#### Reliability and safety

- Robust products:
  - 100% tested and certified
  - Compliant with strict standards (ISO, IEC, etc.)
- In-built RDC-DD 6mA (Residual Direct Current detecting device). RCD type A protection needed upstream of the charge.
- MNx (Undervoltage tripping auxiliary) protection directly embedded in the charger.

#### Flexibility

- Scalable
- Interoperable
- Modular
- Customizable look & feel



### Benefits

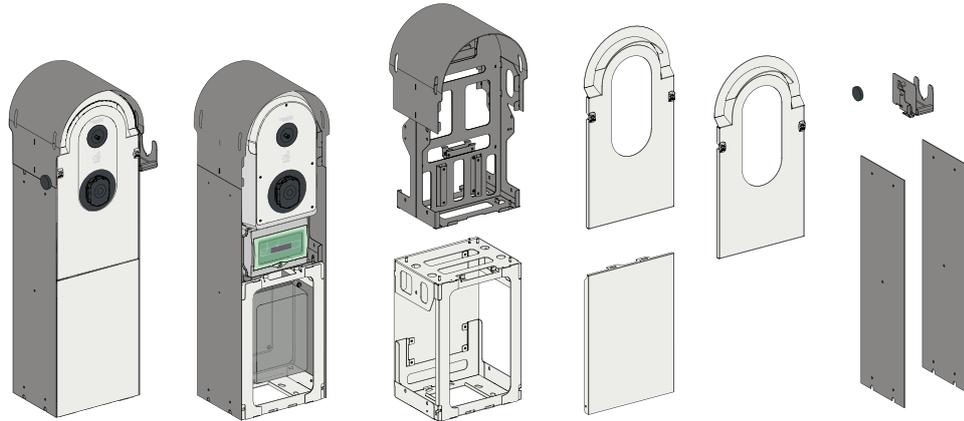
- Schneider Electric launches the new EVlink Pro AC Metal, the next generation of charging stations for electric vehicles
- EVlink Pro AC Metal:
  - Enables highly reliable, flexible and sustainable smart charging for multifamily housing and buildings of the future
  - Optimizes energy consumption
  - Maximizes uptime and efficiency
  - Ensures a seamless user experience for EV installers, operators and drivers

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## Characteristics



EVlink Pro AC Metal charging station is sold as a kit and is available as:

- Wall-mounted 1 charge point
- Floor-standing 1 charge point
- Floor-standing 2 charge points

The components required to assemble the EVlink Pro AC Metal are as follows:

1. A metallic kit enclosure:
  - Wall-mounted 1 charge point or
  - Floor-standing 1 charge point or
  - Floor-standing 2 charge points
2. EVlink Pro AC charging station to be installed inside the metal enclosure
3. Optional: Kaedra enclosure(s) and/or Thalassa enclosure to be mounted inside the metal enclosure to accommodate the electrical protections

### General characteristics

<b>Range</b>	EVlink
<b>Product name</b>	EVlink Pro AC Metal
<b>Product type</b>	AC charging station
<b>Device short name</b>	EVB3
<b>Power supply</b>	3P + N for power circuit 1P + N for power circuit
<b>Mounting mode</b>	Wall-mounted Floor-standing
<b>Socket number</b>	1 for the wall-mounted version 1 or 2 for the floor-standing version
<b>Output type</b>	Front side T2 with shutter socket-outlet/silver plated contacts Front side attached cable with T2 connector
<b>EVlink Pro AC</b>	All EVlink Pro AC charging stations can be assembled in any type of metallic kit

### Characteristics of the charging station's complementary devices

<b>Kaedra enclosure</b>	Mini-Kaedra for modular device - 1 x 12 modules
<b>Thalassa enclosure for floor-standing 2 charge points, 1 cable entrance 25<sup>2</sup> or 35<sup>2</sup></b>	PLS box1 Polyester rear Transparent PC cover IP66 27 x 27 x 18cm

## Technical data

Technical data	
<b>Standard compliance</b>	IEC/EN 61851-1 Ed 3.0 IEC/EN 62196-1 Ed 2.0 - IEC/EN 62196-2 Ed 1.0 IEC 60884-1 and NF-C 61314 EN 61000-6-2: 2019 EN 61000-6-3:2007 - A1:2011 AS/CA S042
<b>Metallic kit</b>	IEC/EN 62208
<b>Product certifications</b>	CE EV Ready RCM
<b>IP degree of the EVlink Pro AC</b>	IP55 with T2S socket IP55 with attached cable
<b>IP degree of enclosures in accordance with IEC 60529</b>	IP3X metallic enclosure IP65 Kaedra enclosure IP66 Thalassa enclosure
<b>IK degree of shock protection</b>	IK10
<b>Ambient air temperature for operation</b>	-30...50°C
<b>Ambient air temperature for storage</b>	-40...80°C
<b>Relative humidity</b>	5...95 %
<b>EVlink Pro AC Metal enclosure material</b>	Electrogalvanized steel class C4M
<b>WM1CP<sup>1</sup> height</b>	783 mm / 30.8 in.
<b>FS1CP<sup>2</sup> height</b>	1,360 mm / 53.5 in.
<b>FS2CP<sup>3</sup> height</b>	1,360 mm / 53.5 in.
<b>EVlink Pro AC Metal width</b>	390 mm / 15.3 in.
<b>TS2 WM1CP / WM1CP<sup>1</sup> attached cable depth</b>	180.3 mm / 7.1 in.
<b>TS2 FS1CP / FS1CP<sup>2</sup> attached cable depth</b>	180.3 mm / 7.1 in.
<b>TS2 FS2CP / FS2CP<sup>3</sup> attached cable depth</b>	355.6 mm / 14 in.
<b>Charging station depth with attached cable</b>	
<b>WM1CP<sup>1</sup> net weight</b>	36 kg / 66.1 lb
<b>FS1CP<sup>2</sup> net weight</b>	60 kg / 110.2
<b>FS2CP<sup>3</sup> net weight</b>	80 kg / 176.3
<b>EVlink Pro AC Metal colour: front and rear plate</b>	White RAL 9003
<b>EVlink Pro AC Metal colour: side cover metal</b>	Alu grey RAL 9022
<b>Corrosivity category according to ISO12944-2</b>	C3M
<sup>1</sup> WM1CP: EVlink Pro AC Metal wall-mounted 1 charge point <sup>2</sup> FS1CP: EVlink Pro AC Metal floor-standing 1 charge point <sup>3</sup> FS2CP: EVlink Pro AC Metal floor-standing 2 charge points	

NOTE: All EVlink Pro AC charging stations can be assembled in any metallic kit type.

## Metallic kit part numbers

Part number	Description
EVA1RWKS1	EVlink metallic kit for EVlink Pro AC wall-mounted 1 charge point
EVA1RFKS1	EVlink metallic kit for EVlink Pro AC floor-standing 1 charge point
EVA1RFKS2	EVlink metallic kit for EVlink Pro AC floor-standing 2 charge points

## EVlink Pro AC Metal accessories

Accessories	References
Embedded 4G modem with an external antenna for EVlink Pro AC Metal	EVA1MM*
Cable holder	EVA1FWHS12
10 RFID badges	EVP1BNS
Kaedra enclosure*	13979
Thalassa enclosure	EVA1RFKES
Locking accessory or the metal kit*	NSYCL610CSX

\*Available Q3 2023

NOTE: All EVlink Pro AC charging stations can be assembled in any metallic kit type.

## EVlink Pro AC charging station part numbers

Part number	Type of socket	Power kW	kw/ Current output	Number of phases	Embedded Protection	Embedded energy meter
EVB3S07N40M**	T2S	7.4	32A	1PH	RDC-DD 6mA + MNX	MID 1PH
EVB3S07NC0**	ACT2*	7.4	32A	1PH	RDC-DD 6mA + MNX	No
EVB3S22N40M	T2S	22	32A	3PH	RDC-DD 6mA	MID 3PH
EVB3S22N4	T2S	22	32A	3PH	RDC-DD 6mA + iSWNA40+MNx	No
EVB3S22NC0M	ACT2*	22	32A	3PH	RDC-DD 6mA	MID 3PH
EVB3S22NC0**	ACT2*	22	32A	3PH	RDC-DD 6mA + MNX	No

\* Attached cable type 2

\*\* Available from Q3 2023

## Green Premium™



### Offer sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
REACH Regulation	Compliant

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