Reliable charging for efficient buildings

EVlink™ Pro AC

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

Reliability and safety
- Robust products:
  - 100% tested and certified
  - Compliant with strict standards (ISO, IEC, etc.)
- RCD type B EV or Asi and MNx (Undervoltage tripping auxiliary) protection directly embedded in the charger

Flexibility
- Scalable
- Interoperable
- Modular
- Customizable look & feel

Sustainability
- Green Premium™ label
- Repairability

Benefits
- Schneider Electric launches the new EVlink Pro AC, the next generation of charging stations for electric vehicles
- EVlink Pro AC:
  - 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

Characteristics	
Range	EVlink
Product name	EVlink Pro AC
Product type	AC charging station
Device short name	EVB3
Power supply	3P + N for power circuit 1P + N for power circuit
Mounting mode	Wall-mounted On a pedestal
In a metallic enclosure	Wall-mounted or floor-standing
(Us) rated supply voltage	380…415 V AC 50/60 Hz power circuit 220...240 V AC 50/60 Hz control circuit
Nominal output power	11 – 22 kW 380…415 V 7.4 kW 220…240 V

Access control system	NFC 13,56 MHz reader compatible with type 1, 2, 4 and 5 badges
	RFID reader:
	   – In conformity with ISO/CEI 14443 A & B and ISO/CEI 15693 protocols
	   – Compatible with Mifare Ultralight, Mifare Classic, Mifare Plus

Socket number	1
Output type	Front side T2 with shutter socket-outlet/silver plated contacts Front side attached cable with T2 connector Domestic socket TE or TF
Earthing system	TT TN-S Compatible IT on 1-phase Compatible IT with additional isolation transformer on the 3-phase power supply
Digital inputs	1 for temporary current limitation 1 for postponed/suspended charge 1 for EV presence detection
Local signaling	1 multi-colour LED for status indication
Communication port protocol	OCPP 1.6 Json smart charging
Network connection embedded	Bluetooth Ethernet 2 ports (1 for daisy chain) Modbus serial
3rd party network connection	OCPP 1.6 Json Modbus TCP
Network connection in option	Wireless 3G/4G modem* Wifi*
Available functions	Charging detail record Load management Diagnosis capabilities User authentification Software updates 1% metering
Operating mode	Standalone Clustered architecture
* To check availability, please contact Schneider Electric front offices.	

Charging station with part numbers of embedded protection devices

Part number	Type of socket	Domestic socket	Power kW	Current output	Number of phases	Embedded protection	Embedded energy meter
EVB3S07N4A	T2S		7.4	32A	1PH	RDC-DD 6mA+RCD Type Asi 30mA+MNx	No
EVB3S07N4AM	T2S		7.4	32A	1PH	RDC-DD 6mA+RCD Type Asi 30mA+MNx	MID 1PH
EVB3S07N4EAM	T2S	TE	7.4	32A	1PH	RDC-DD 6mA+RCD Type Asi 30mA+MNx	MID 1PH
EVB3S07N4EA	T2S	TE	7.4	32A	1PH	RDC-DD 6mA+RCD Type Asi 30mA+MNx	No
EVB3S07N40EM	T2S	TE	7.4	32 A	1PH	RDC-DD 6 mA + MNx	Yes
EVB3S07N40M	T2S	--	7.4	32 A	1PH	RDC-DD 6 mA + MNx	Yes
EVB3S07NCA	ACT2*		7.4	32A	1PH	RDC-DD 6mA+RCD Type Asi 30mA+MNx	No
EVB3S07NCAM	ACT2*		7.4	32A	1PH	RDC-DD 6mA+RCD Type Asi 30mA+MNx	MID 1PH
EVB3S07NC0	ACT2*	--	7.1	32 A	1PH	RDC-DD 6 mA + MNx	No
EVB3S11N4A	T2S		11	16A	3PH	RDC-DD 6mA+RCD Type Asi 30mA+MNx	No
EVB3S11NCA	ACT2*		11	16A	3PH	RDC-DD 6mA+RCD Type Asi 30mA+MNx	No
EVB3S11N4FB	T2S	TF	11	16A	3PH	RCD Type B EV+MNx	No
EVB3S22N4B	T2S		22	32A	3PH	RCD Type B EV+ MNx	No
EVB3S22N4A	T2S		22	32A	3PH	RDC-DD 6mA+RCD Type Asi 30mA+MNx	No
EVB3S22NCA	ACT2*		22	32A	3PH	RDC-DD 6mA+RCD Type Asi 30mA+MNx	No
EVB3S22NCB	ACT2*		22	32A	3PH	RCD Type B EV+MNx	No
EVB3S22N4EA	T2S	TE	22	32 A	3PH	RDC-DD 6 mA + RCD Asi 30 mA + MNx	No
EVB3S22N4EB	T2S	TE	22	32A	3PH	RCD Type B EV+MNx	No
EVB3S22N4FB	T2S	TF	22	32A	3PH	RCD Type B EV+MNx	No
EVB3S22N40M	T2S		22	32A	3PH	RDC-DD 6mA	MID 3PH
EVB3S22N40EM	T2S	TE	22	32A	3PH	RDC-DD 6mA	MID 3PH
EVB3S22N40MR**	T2S	--	22	32 A	3PH		Yes
EVB3S22N40FM	T2S	TF	22	32A	3PH	RDC-DD 6mA	MID 3PH
EVB3S22NC0	ACT2*	--	22	32 A	3PH	RDC-DD 6 mA + MNx	No
EVB3S22NC0M	ACT2*		22	32A	3PH	RDC-DD 6mA	MID 3PH
EVB3S22N4	T2S		22	32A	3PH	RDC-DD 6mA+iSWNA40+MNx	No
EVB3S22N4E	T2S	TE	22	32A	3PH	RDC-DD 6mA+iSWNA40+MNx	No

* Attached cable type 2
** For metallic charger only; this specific charging station only measures the power consumption of the electric vehicle

Technical data

Technical data	
Standard compliance	IEC/EN 61851-1 Ed 3.0 IEC/EN 62196-1 Ed 2.0 - IEC/EN 62196-2 Ed 1.0 EN 61000-6-2: 2019 EN 61000-6-3:2007 + A1:2011 IEC 60884-1 and NF-C 61314
Product certifications	CE EV Ready
IP degree of protection	IP55 with T2S socket IP55 with attached cable IP54 with domestic socket
IK degree of shock protection	IK10
Ambient air temperature for operation	-30…50°C (+40°C for EVlink Pro AC with embedded RCD type Asi)
Ambient air temperature for storage	-40…80°C (+70°C for EVlink Pro AC with embedded RCD type Asi)
Operating altitude	2,000 m without physical derating
Relative humidity	5…95 %
Metering accuracy	1% metering accuracy
Charging station material	Polycarbonate UV treated
Pedestal material	Alu 5754 with zinc phosphate pre-treatment
Off-load charging station consumption	< 10 W
Charging station height	529 mm/21 in.
Pedestal height	1,300 mm/51 in.
Charging station width	317 mm/12.5 in.
Pedestal width	285 mm/11 in.
TS2 charging station depth	153 mm/6 in.
TS2 charging station + domestic socket depth	158 mm/6 in.
Charging station depth with attached cable	183 mm/7 in.
1 charging station + pedestal depth	229 mm/9in.
2 charging stations + pedestal depth	384 mm/15 in.
Charging station net weight	7.5 kg/16.5 lb. 10 kg/22 lb. with attached cable
Pedestal net weight	5 kg/11 lb.
Charging station colour	Dark grey RAL 7016 Black RAL 9005 White RAL 9003
Pedestal colour	Dark grey RAL 7016
Environment class of operating charging station according to IEC/EN 60721-3-4	Biological conditions - 4B1 Chemically active substances - 4C2 Salt mist - 148 hours/ 6 days for outdoor Ka test (continuous)

EVlink accessories

Accessories	References
3G/4G modem with antenna*	EVA1MM
Wifi module*	EVA1MW
Historical and Standard TIC module for Dynamic Energy Management, connected to French utility Linky smart meter	EVA1MTH
ISO15118 module*	EVA1M8
10 RFID badges	EVP1BNS
Pedestal for 1 charging station	EVA1PBS1
Pedestal for 2 charging stations	EVA1PBS2
Plate to convert Pedestal for 1 charging station to Pedestal for 2 charging stations	EVA1PCS2
EVlink AC charging station testing tool	EVA1SADS
* To check availability, please contact Schneider Electric front offices.	

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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