Easy EV charging at home

EVlink™ Home

Unique features

Convenient

- Get your EV ready whenever you need

Budget-friendly and easy to install

- EVlink is an affordable solution
- Easy to install

Power load management

- Avoid any disruption in the power supply
- Manage available power efficiently

Certified and aesthetic

- Compliant with strict safety certifications

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Technical features

Characteristics	
Range	EVlink Home
Product name	EVlink Home
Product type	AC charging station
Device short name	
Pole description	3P + N for power circuit 1P + N for power circuit
Mounting mode	Wall-mounted
(Us) rated supply voltage	400 Vac 50 / 60 Hz Three Phase 230 Vac 50 / 60 Hz Single Phase
Nominal output power	11 kW 16 A 7.4 kW 32 A 3,7KW 16A
Maximum supply current	32A 16A
Maximum power	11 kW (3PH) 7.4 kW (1PH) 3,7KW 1(1PH)
Access control system	No
Socket number	1
Socket-outlet type	Front face T2 Socket Front face T2S socket 5 m attached cable
Earthing system	TT TN-S Compatible IT with additional isolation transformer on the power supply
Digital inputs for energy digital input	No
Input type	Available PLC Anti Tripping Module EVA1HPC1 (1PH) or EVA1HPC3 (3PH)
Control type	1 red Button, function Emergency Stop No action required to start the charge
Local signaling	1 multi-color LED, function: status indication
Standards	EN 61851-1 Ed3.0 EN 61000-6-1 EN 61000-6-3 IEC 61851-21-2
Product certifications	CE UKCA
IP degree of protection	IP55 conforming to IEC 60529 (for attached cable version and IP54 for T2/T2S version)
IK degree of protection	IK10 conforming to IEC 62262
Ambient air temperature for operation	-30…50 °C
Ambient air temperature for storage	-40…85 °C
Relative humidity	5…95 %
Height	409 mm
Width	282 mm
Depth	148 mm
Net weight	5,6 kg (3PH) 4.5 kg (1PH)

Technical features (continued)

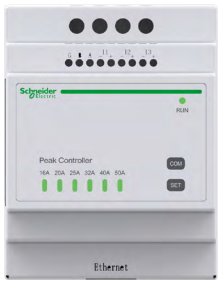
Characteristics		
Color	White Black	
Sustainable offer status		
REACh Regulation	REACh Declaration	
EU RoHS Directive	Compliant EU RoHS Declaration	
Offer sustainability		
Mercury free	Yes	Yes
RoHS exemption information	Yes	Yes
Environmental Disclosure	Product Environmental Profile	No
Circularity Profile	End of Life Information	No

* To check availability, please contact Schneider Electric front offices.

Reference

Commercial Reference	Short Description	Connection	Power	Protection
EVH4S03N2	EVlink Home 1P T2 3,7 kW 16A - with RDC-DD Filter	T2	3,7 kW	6 mA Filter
EVH4S07N2	EVlink Home 1P T2 7,4 Kw 32A - with RDC-DD Filter	T2	7,4 kW	6 mA Filter
EVH4S11N2	EVlink Home 3P T2 11 kW 16A - with RDC-DD Filter	T2	11 kW	6 mA Filter
EVH4S03NC	EVlink Home 1P Attach cable 5m 3.7 kW 16A - with RDC-DD Filter	Attached cable 5 m	3,7 kW	6 mA Filter
EVH4S07NC	EVlink Home 1P Attach cable 5m 7,4 Kw 32A - with RDC-DD Filter	Attached cable 5 m	7,4 kW	6 mA Filter
EVH4S11NC	EVlink Home 3P Attach cable 5m 11 kW 16A - with RDC-DD Filter	Attached cable 5 m	11 kW	6 mA Filter

EVlink Anti-tripping system – technical specifications



Home anti tripping system is a power load management system to adapt continuously the power delivered by the charger to the EV according to power available at home.

The power availability is calculated by the Home Anti-tripping system by comparing the utility power limit and the home consumption gathered by a current transformer positioned on the bottom of the main circuit breaker.

The communication between the Home Anti-tripping system and EVlink Home charger is done with power line communication, so no need to add communication cable.

EVlink Anti-tripping system			
	Model	**Single Phase**	**3 Phases**
Power input and Internal Protection	**Power Supply**	220-230V	400 Vac +/- 10% 45-65hz Three Phase
	Rated Power	4W	
	Number of phase	L+N+PE	L1+L2+L3+N+PE
Communication	**Network Interface**	Power Line communication with EVlink Home charger	
	Polling interval	1000ms	
Environmental	**Operating Temperature**	-30°C / +50°C	
	Storage Temperature	-40°C / +85°C	
Mechanical	**Humidity**	5% - 95% no condensation	
	Altitude	≤ 2000 m	
	Ingress Protection	Indoor use	
	Cooling	Natural Cooling	
	Dimension	70*93*69 mm	
	Weight	196g	
Regulation	**Certification**	EN 61010-1-2010, EN 61326-1-2013	

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