

Zappi PEN Fault Protection Declaration

In accordance with the UK's IET Wiring Regulations, the listed devices incorporate myenergi's patented¹ PEN fault protection. The protection monitors fault current in the protective conductor (PE) and operates in accordance with BS 7671:2018 + A1:2020 + A2:2022 + A3:2024, clause 722.411.4.1 (v).

Product:	zappi Eco-Smart Electric Vehicle Charge Point			
Model/Type:	ZAPPI-2H07UW ZAPPI-2H07TW ZAPPI-2H07UW-G ZAPPI-2H07TW-G ZAPPI-3AS07U-G	ZAPPI-2H07UB ZAPPI-2H07TB ZAPPI-2H07UB-G ZAPPI-2H07TB-G ZAPPI-3AS07T-G	ZAPPI-2H22UW ZAPPI-2H22TW ZAPPI-2H22UW-G ZAPPI-2H22TW-G	ZAPPI-2H22UB ZAPPI-2H22TB ZAPPI-2H22UB-G ZAPPI-2H22TB-G
Supply Voltage:	230Vac ± 10% @ 50Hz		230/400Vac ± 10% @ 50Hz	

Tripping characteristics

The following tripping characteristics, as defined in IET01 table 4.5, are respected:

Protective Conductor Current IPE (mA)	21	51	241
Maximum break time (s)	0.3	0.15	0.04

Additional protection against electric shock

In the event that the supply voltage drifts outside 230 V ±12 %, zappi electrically disconnects the vehicle from all live and protective conductors.

Simultaneous contact between different earthed systems

The zappi PEN-fault protection monitors current in the protective conductor (PE) and disconnects all live and earth conductors when a fault current exceeds the tripping thresholds specified above. This provides protection against electric shock in the event of simultaneous contact with conductors at different earth potentials, making zappi suitable for both TN and TT systems.

We, myenergi Ltd, declare under our sole responsibility that the above product and model numbers conform as stated above.

Signed for and on behalf of: myenergi Ltd

Place of manufacture: Pioneer Business Park, Faraday way, Stallingborough, Grimsby, DN41 8FF, United Kingdom

Date of issue: 7th October 2025

Position: Chief Innovation Officer

Name: Lee Sutton

Signature: 

¹ Patent No. GB2577354A