

XX13S & XX21S – AC/DC MAINS POWER ADAPTOR

Low leakage, low noise, power adaptor.



XX13S, with a **1.3mm x 3.5mm** barrel connector for use with

- CWT Ultra-mini
- CWTUM-S
- CWTUM-F & CWTUM-HF
- CWTMini
- CWTMini50HF
- CWTHF & CWTLF
- CMC

XX21S, with a **2.1mm x 5.5mm** barrel connector for use with

- CWT (original)
- LFR

US13S adaptor shown
(EU, UK, AU, CN pin styles available)

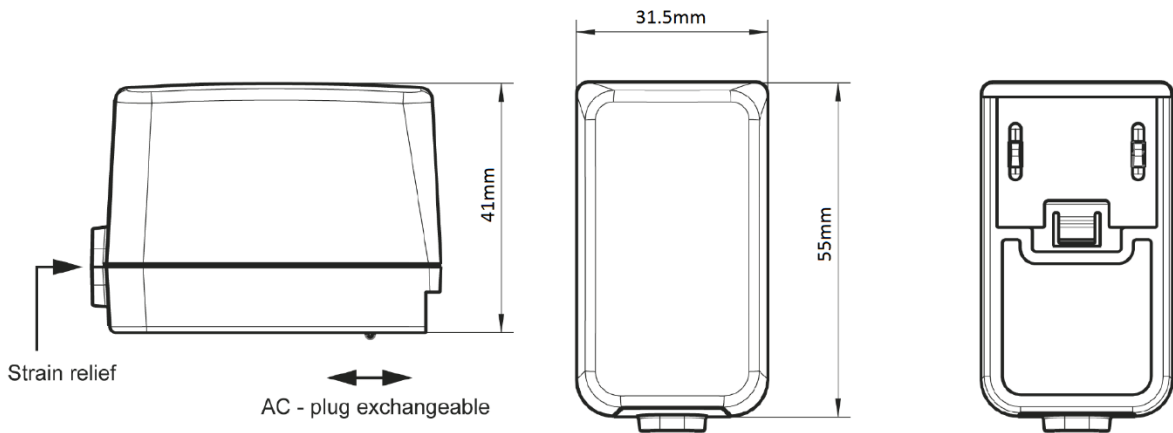
Key Mechanical & Electrical Characteristics

- Nominal input voltage: 100-240V_{AC} ± 10%
- Nominal input frequency: 50-60Hz
- Nominal input current: 0.16-0.08A_{RMS} @ max load
- Stand-by power consumption: ≤ 0.1W @ 230 V_{AC}
- Efficiency Standard: DoE Level VI
- Nominal output voltage: 12 V_{DC} ± 5%
- Nominal output current (I_{out}): 600mA
- Average Efficiency: ≥ 80.0%
- Safety-standard: Complies with EN60950-1, UL60950-1
- EMC standard: Complies with EN 60601-1-2:2015
- PSE Approval? Yes
- Protection class: II
- Separation (prim-sec): Galvanic by transformer
- Leakage current: I_{leak} ≤ 10μA (according to EN60950-1)
- High-voltage test: ≥ 3kV_{AC}
- Ambient temperature range: 0°C to +45°C

This product also complies with EN55022 Conducted Emissions Testing when used in conjunction with PEM's Rogowski current transducers.

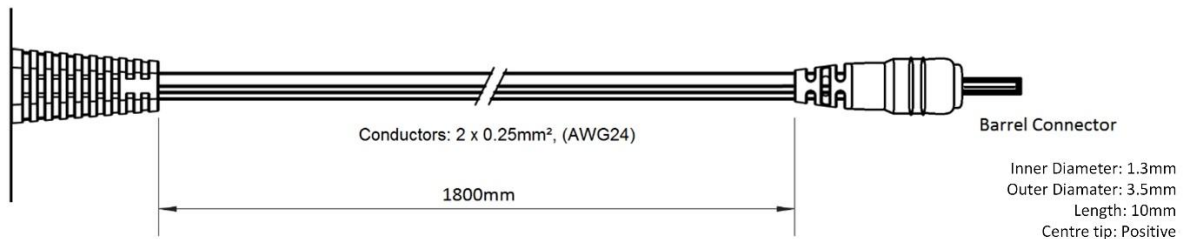
With the enclosed description, this adaptor fulfils the requirements of Low Voltage Directive 2014/35/EU, the regulations of EMC Directive 2014/30/EU and the eco design Directive 2009/125/EC. Hereby, this product is manufactured RoHS compliant and fulfils Directive 2011/65/EU.

Dimensions

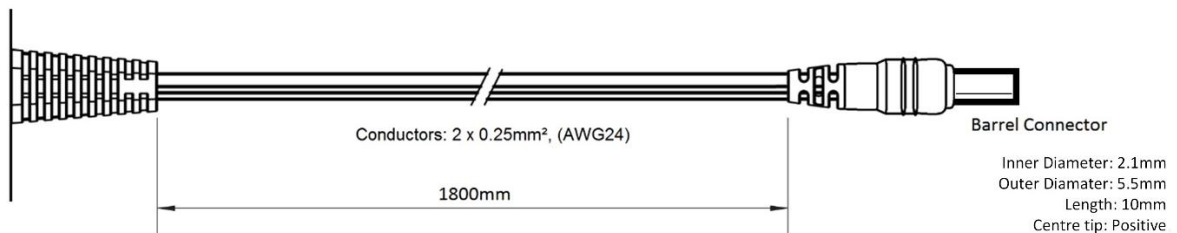


Adaptor body

Material: PC / ABS V0 125°C, (UL Listed: E143128)

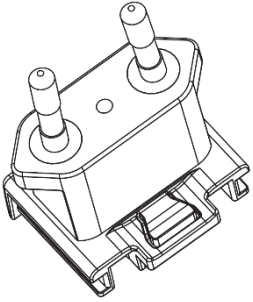


Lead and plug – XX13S version

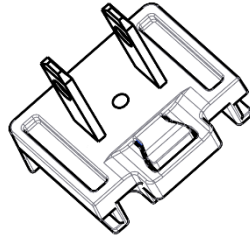


Lead and plug – XX21S version

Part codes



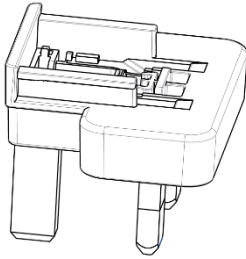
EU13S
EU21S
Euro Pin-Out



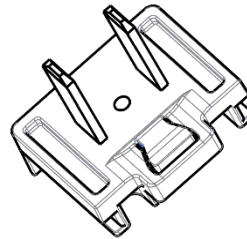
US13S
US21S
US Pin-Out



AU13S
AU21S
Australian Pin-Out



UK13S
UK21S
UK Pin-Out



CN13S
CN21S
Chinese Pin-Out