

WMX480-0500-R

Electrical Specifications (@25C)

1. Input Voltage rating: 100-240VAC, 50-60Hz
2. Input Voltage range: 90-264VAC
3. Input current: <0.7A(RMS) @ 115VAC
4. Max Inrush Current: <60A peak @ 115VAC (Cold start)
5. Output Voltage: 48.0VDC
6. Output Current: 0.50A
7. Over Current Protection: > 6A
8. Regulation (line & load): ±5%
9. Ripple & Noise: 150mVpk-pk Max.
10. No load power (stand by): <100mW
11. 10% Load Efficiency: 82.47% @ 230v, 50Hz
12. Average Efficiency: ≥ 82.49%. Meets minimum level VI efficiency.

Environmental Specifications

1. Operating Temperature Range: 0°C to +25° C @ full load
2. Storage Temperature Range: -20°C to +80°C
3. Humidity: 5% to 95%, Non-condensing

Reliability Specifications

1. Leakage Current: <0.25mA (264VAC)
2. Dielectric Strength (Hi-pot): 4242VDC/3secs., 5mA Max
3. Warranty: 5 years

Mechanical Parameters

Case Type: Thermoplastic molded enclosure.
Output Cord: 24 AWG, 6.0 Ft. Long Nom.

Safety & EMI

UL Standard: ANSI/AAMI ES60601-1: A1:2012, C1:2009/(R)2012 and A2:2010/(R)2012, CSA CAN/CSA-C22.2 NO. 60601-1:14 Class II, 2 Means of Patient Protection (2XMOPP)

IEC Standard: IEC 60601-1:2005 & IEC 60601 1:2005/AMD1:2012

RCM: EN 60601-1-2: 2015, IEC 60601-1-2: 2014, CISP 11: 2009 + A1: 2010, EN61000-3-2: 2019, EN 61000-3-3: 2013 +A1: 2019

EMC Standard: EN/IEC 60601-1-2:2015 & 2014 and EN61000-3-2 & 3

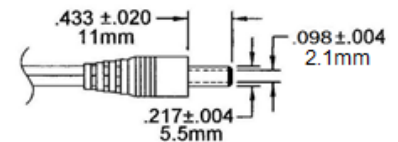
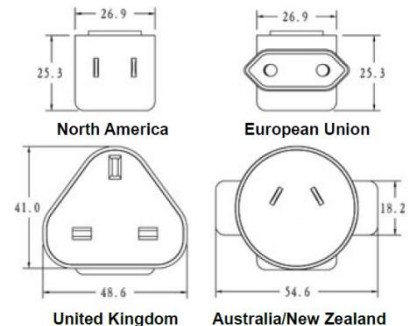
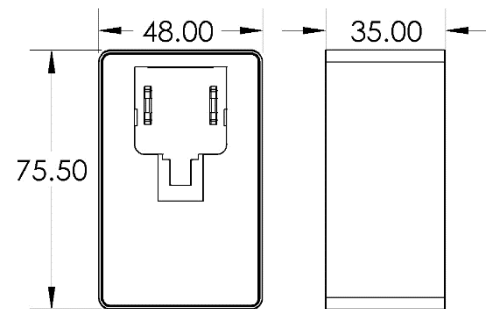
EMI standard: FCC 47 CFR Part 18, ICES-001

Over voltage and short circuit protected



RoHS Compliance: Meets the requirements of 2015/863/EU, known as the RoHS 3 initiative.

Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.



Dim.: mm