

# STEIEC10250 Universal IEC Power Module



## CERTIFIED TO MEET ALL REGULATORY DIRECTIVES!

- ✓ The universal and globally certified solution for your AC power input requirements
- ✓ Standardized IEC input and output to match up with any country power standard
- ✓ Greater than 90 dB RF isolation
- ✓ Built-in front accessible fuse
- ✓ Standard Ramsey I/O accessory flange mounting
- ✓ Rugged milled aluminum construction for optimal shielding and RF isolation
- ✓ Regulatory certifications include EU CE, FCC, Industry Canada

### GLOBAL STANDARDIZATION

As the leading manufacturer and accepted standard in RF Shielded Test Enclosures for more than 2 decades, we have seen a lot of changes not only in RF and data technologies, but with new stringent regulatory requirements. With our RF Test Enclosure products being shipped worldwide, that also means global regulatory compliance worldwide. In the case of the European Union alone, that means all applicable EU directives be met and certified for any unit used within their 28 member states!

Our STEIEC10250 Universal IEC Power Module is a fully certified power module for use with our entire line of RF Shielded Test Enclosures.

### MAXIMUM RF ISOLATION

Like our other high performance I/O interfaces, the power module was engineered from the ground up and milled from solid aluminum to provide a conductive and radiated isolation greater than 90 dB. Standardized IEC input and output connectors are used to allow to easily match your country power standard using standard IEC power cords. A standard US NEMA5-15 external power cord is provided standard with the module. Country specific power cords can be substituted on request.

The external IEC input connector has a built-in fuse, which is replaceable from the front panel of the module. Mounting of the module is simple, utilizing the Ramsey standard 3.75"W x 1.5"H I/O accessory flange mount opening.

The STEIEC10250 Universal IEC Power Module is currently standard on all model RF Test Enclosures ordered for use within the EU, and will be standard on all models in 2017.

Contact your Ramsey RF Technical Sales Representative for more information.

### SPECIFICATIONS

#### TECHNICAL

Product Part Number:	STEIEC10250
UPC	871183006185
Outside Dimensions:	4.75"W x 2.48"H x 3.25"D (120.65mmW x 63mmH x 82.55mmD)
Weight:	1.6 lbs (.73kg)
Construction:	6061 solid milled aluminum, with class-III iridite
Mounting:	Standard Ramsey I/O accessory flange mount, 3.75"W x 1.5"H (95.25mmW x 38.1mmH)
Operating Temperature:	-55°C to +105°C
Insulation Resistance:	10000M ohm at 25°C
Dielectric Withstanding:	2000VDC
External Power Input Connector:	IEC C14
Internal Power Output Connector:	IEC C13
Input Fuse:	Built-in 10A 250VAC fuse, front panel replaceable
Safety Ground:	Safety ground is bonded to the case on both sides of the module
RF Filtering:	6,000 pF typical, rated 350VAC, 500VDC
RF Insertion Loss:	>80 dB 1GHz to 3 GHz >90 dB 3 GHz to 10 GHz

#### REGULATORY

CE	EMC Directive 2014/30/EU, Class B, Group1 ISM Equipment EN61326-1:2013 ENC55011:2009
Industry Canada Industry Canada	CAN ICES-3 (B)/NMB-3(B)
FCC	This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Availability:	In-stock for immediate delivery
Available Versions:	STE RF Test Enclosure installed standard or optional I/O, Individual stand-alone accessory for customer installation OEM bulk (Contact Ramsey Electronics®)

*Note: Specifications are average achieved and certified final test measurement values. Subject to change and revisions. Not responsible for typographical errors and omissions.*



**RAMSEY ELECTRONICS®**  
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STEIEC10250\_Rev-D