

Table 1-2. Reference Documents

Number	Document
I-E96-506	AC Modular Power System
I-E96-508	DC Modular Power System
WBPEEU1210502?0	Modular Power System II
WBPEEU1230017?0	Harmony Bridge Controller

**NOMENCLATURE**

Table 1-3 is a list of mounting unit nomenclature.

Table 1-3. Nomenclature

Nomenclature	Description
IEMMU11	Rear mount chassis module mounting unit with primary power distribution.
IEMMU12	Front mount chassis module mounting unit with primary power distribution.
IEMMU21	Rear mount chassis module mounting unit without primary power distribution.
IEMMU22	Front mount chassis module mounting unit without primary power distribution.

**RELATED HARDWARE**

Table 1-4 is a list of related hardware.

Table 1-4. Related Hardware

Part Number/ Nomenclature	Description
IEPAF02	AC input field power module
IEPAS02	AC input system power module
IEPDS01	24 VDC input system power module
IEPDS02	48 VDC input system power module
IEPDF01	24 VDC input field power module
IEPDF02	48 VDC input field power module
IEPMU01 IEPMU02	Power mounting unit
1948506?8	System power bus bar
1948516?3	Input power bus bar

**SPECIFICATIONS**

Table 1-5 lists the specifications for the IEMMU11, IEMMU12, IEMMU21, and IEMMU22 mounting units.

Table 1-5. Specifications

Property	Characteristic/Value
Capacity	12 modules
Mounting	Standard 483-mm (19-in.) cabinet
Ambient temperature (operating)	Temperature rating within the enclosure or cabinet. Internal cabinet rating: 0° to 70°C (32° to 158°F)
Relative humidity (operating)	5% to 95% up to 55°C (131°F), noncondensing 5% to 45%, up to 70°C (158°F), noncondensing
Storage and transport temperature	-40° to 85°C (-40° to 185°F)
Storage and transport relative humidity	0% to 95%, noncondensing
Air quality	Noncorrosive
Primary power	120/240 VAC, 24/48 VDC (IEMMU11/IEMMU12 only)
Regulated DC voltages	+5 VDC, +15 VDC, -15 VDC, +24 VDC, MCOM, I/OCOM
Amperage ratings	Refer to Table 1-6
EMI/RFI	Meets IEC 1000.3, level 3, 80 MHz to 1 GHz with no loss of function or false status information
Fast transient/burst susceptibility	Meets IEC 1000.4, level 3, mains 2 kV at 2.5 kHz, outputs 1 kV at 5.0 kHz with no loss of function or false status information
Transient surge	Meets IEC 1000.5, level 3, 2 kV with no loss of function or false status information
Electrostatic discharge	Meets IEC 1000.2 level 3, with no loss of function or false status information
Emissions	Meets CISPR11 with amendments 92/31/EEC and 93/68/EEC
Vibration	13.2 to 100 Hz, 0.7 Gs 2 to 13.2 Hz, 12 mm (0.47 in.) p-p displacement
Dimensions	483 mm by 178 mm by 304 mm (19 in. by 7 in. by 12.2 in.)
Weight	3.63 kg (8.0 lb.)
Certifications (pending)	CSA certified for use as process control equipment in an ordinary (nonhazardous) location  Nonincendive: CSA: Class I, Division 2, Groups A,B,C,D FM: Class I, Division 2, Groups A,B,C,D  CE mark: In compliance with EMC Directive 89/336/EEC, EDS, EFT, RFI and CISPR11 with amendments 92/31/EEC and 93/68/EEC
Flammability (UL94)	Materials rated at V0, V1, V2 or V5 wires and cables rated UL VW-1
Installation category (IEC 1010-1)	Category I for outputs, Category II for mains Pollution degree I

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Table 1-6. Amperage Ratings

Voltage	Power Supply Load IEMMU11/12 only (Maximum Amperage)		Module Load (Maximum Amperage)	
	Per Slot	Per MMU	Per Slot	Per MMU
Primary AC power	4	8	N/A	N/A
Primary DC power	6.5	13	N/A	N/A
+5 V	13	20 <sup>1</sup>	5	20 <sup>1</sup>
+15 V	0.8	1.6	0.225	2.7
-15 V	0.8	1.6	0.225	2.7
+24 V	4	8	N/A	N/A

**NOTE:**

1. The stated current rating applies to current flowing into or out of P45 and P46.