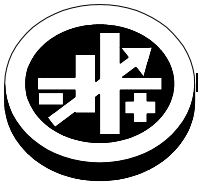


INSTRUCTION SHEET



KEPCO An ISO 9001 Company.

RA 61

MODEL RA 61 RACK ADAPTER

DESCRIPTION

The Kepco RA 61 Rack Adapter (Figure 1) is specifically designed for the installation of Kepco HSM and HSP Series Power Supplies into 24-inch EIA standard equipment racks. Each Rack Adapter accommodates from one to four HSP or HSM power supplies. Each Rack Adapter occupies 5.22 inches (132.5 mm) of vertical space in the standard 24 inch (609.6 mm) equipment rack, and has a maximum depth protrusion of 16.4 inches (416.6mm) as measured from the mounting surface of the “ear” brackets (see outline drawing, Figure 2).

INSTALLATION

The Rack Adapter is equipped with rear support brackets which mount on an intermediate cabinet rail (see outline drawing, Figure 2), four metal foot attachments, handles, and mounting ears; the metal feet must be removed prior to installation in a rack. While installation is proceeding, the Rack Adapter must be supported from below until the mounting ears and rear support brackets have been secured. The Rack Adapter can be fitted with optional blank filler panels in both 1/4 and 1/2 rack dimensions (RFP 60-1 and RFP 60-2) if the full complement of four Power Supplies is not utilized.

Each HSP Power Supply installed in the Rack Adapter requires a Kepco Kit, either P/N 219-0240 or 219-0249. Both kits provide the I/O mating connector with associated jackscrews and shell, and screws for permanent mounting. P/N 219-0240 contains a North American line cord rated for 115V a-c, 20A for use with the HSP 1000 Watt Series; P/N 219-0249 contains a source power entry mating connector (customer-wired) which can be used with all HSP models. Consult associated Power Supply Instruction Manual.

Each HSM Power Supply requires four screws, P/N 101-0159 (6-18 type BF, self-forming thd, pan hd, phillips, x 5/8 in. lg. max), to secure the power supply to the rack adapter; the customer-wired source power entry mating connector and the I/O mating connector are supplied with HSM Power Supplies. See Table 1 for I/O Mating Connectors

External dimensions and all mechanical and electrical specifications are contained in the outline drawing: Figure 2.

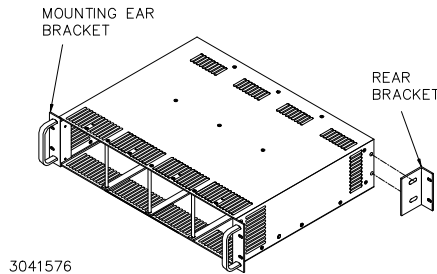


FIGURE 1. RA 61 RACK ADAPTER ASSEMBLY

TABLE 1. ACCESSORIES

ACCESSORY	PART NUMBER	USE
I/O MATING CONNECTORS	142-0422	I/O connector mating plug
		108-0294 - I/O connector backshell, optional accessory for 142-0422
		108-0203 - I/O connector jackposts (set of two), optional accessory for 142-0422,
	142-0395	I/O mating connector, Euroblock to DB 37, adapter with shell, depth: 3.5 inches (discrete wire to Euroblock)
	KIT 219-0645 *	I/O mating connector, Euroblock to DB 37, adapter with shell, depth: 2.25 inches (allows discrete wire connections from DB 37 to Euroblock)
KIT 219-0646 *	I/O mating connector, Euroblock to DB 37, adapter without shell, depth: 1.75 inches (allows discrete wire connections from DB 37 to Euroblock)	

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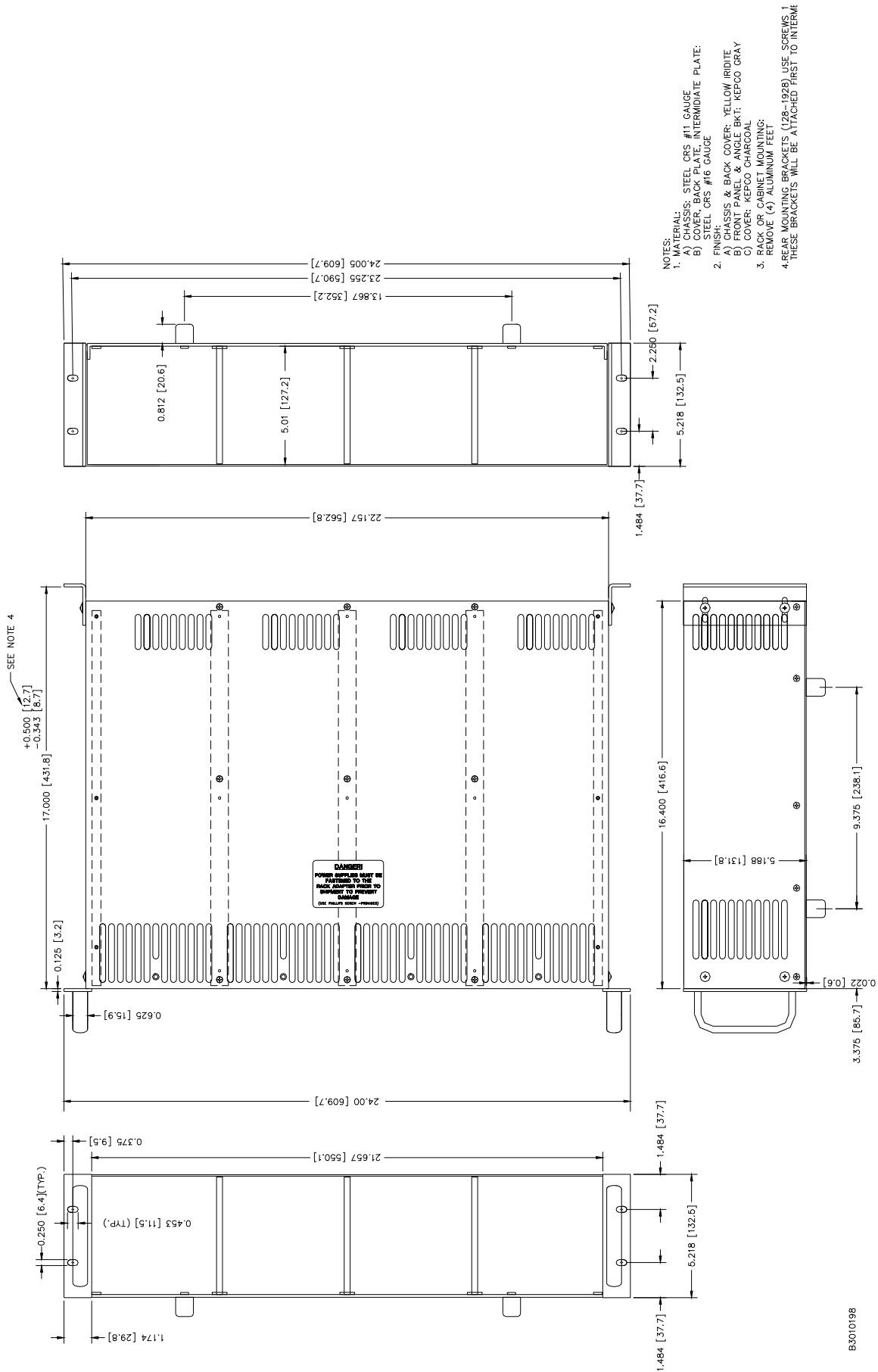


FIGURE 2. RA 61 RACK ADAPTER OUTLINE DRAWING