# INSTRUCTION MANUAL

KEPCO An ISO 9001 Company.

**KIT
DIN RAX
-50S**

DIN-RAIL MOUNTING KIT
FOR SERIES RAX 50W

DESCRIPTION. Kepco KIT, Model DIN RAX-50S, contains two preassembled mounting clips and associated hardware used to install RAX 50 Watt Series power supplies on a DIN rail. The S" suffix is for mounting along the short dimension (width) as shown in Figure 1. Outline dimensions are shown in Figure 4.
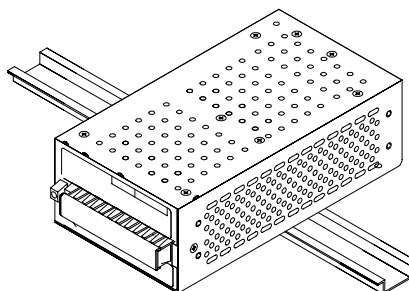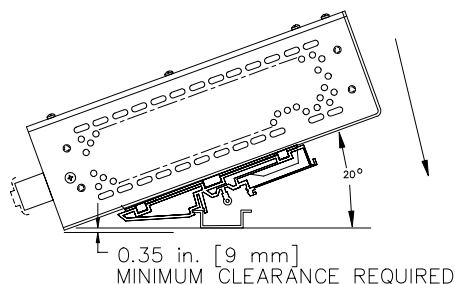

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FIGURE 1.   S SUFFIX ORIENTATION

INSTALLING KIT. Attach the preassembled mounting clips to the power supply using the hardware supplied (see Figure 3). The clips may be mounted with the release lever on either side to facilitate removal.

INSTALLING POWER SUPPLY ON DIN RAIL. To mount the power supply on the rail insert one end of both clips under one edge of the rail, then snap the other end of the two clips into place (see Figure 2A).

REMOVING POWER SUPPLY FROM DIN RAIL. While grasping the power supply with one hand, use a screwdriver to apply leverage towards the left as shown in Figure 2B to disengage each clip from the rail. Where mounting clips are close together, it may be necessary to apply leverage with two screwdrivers simultaneously.

A - INSTALLATION

B - REMOVAL

20°

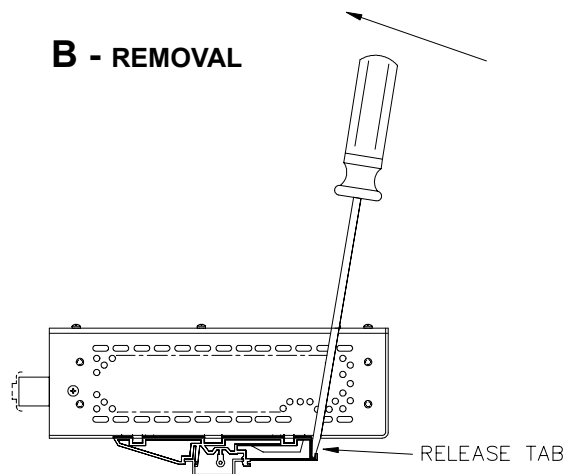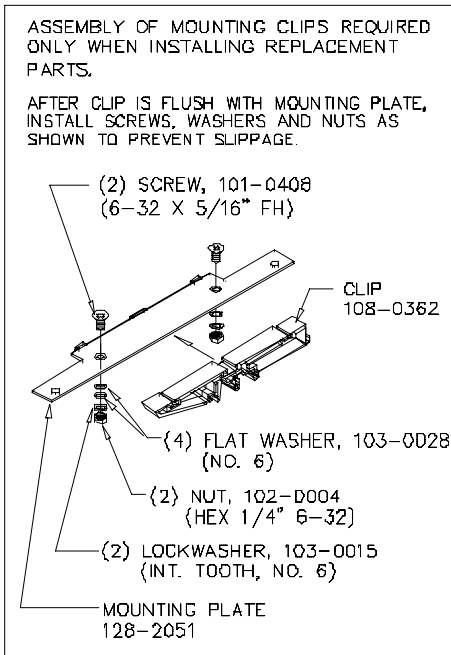0.35 in. [9 mm]
MINIMUM CLEARANCE REQUIRED

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RELEASE TAB

FIGURE 2.   INSTALLATION AND REMOVAL OF POWER SUPPLY FROM DIN RAIL

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ASSEMBLY OF MOUNTING CLIPS REQUIRED
ONLY WHEN INSTALLING REPLACEMENT
PARTS.

AFTER CLIP IS FLUSH WITH MOUNTING PLATE,
INSTALL SCREWS, WASHERS AND NUTS AS
SHOWN TO PREVENT SLIPPAGE.

(2) SCREW, 101-0408
(6-32 X 5/16" FH)

CLIP
108-0362

(4) FLAT WASHER, 103-0028
(NO. 6)

(2) NUT, 102-0004
(HEX 1/4" 6-32)

(2) LOCKWASHER, 103-0015
(INT. TOOTH, NO. 6)

MOUNTING PLATE
128-2051

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MOUNTING CLIP
(PREASSEMBLED)

CLIP, 108-0362

WASHER, 103-0017
(INT. TOOTH NO. 8)

SCREW, 101-0383
(8-32 X 3/16" PH)

MOUNTING CLIP
(PREASSEMBLED)
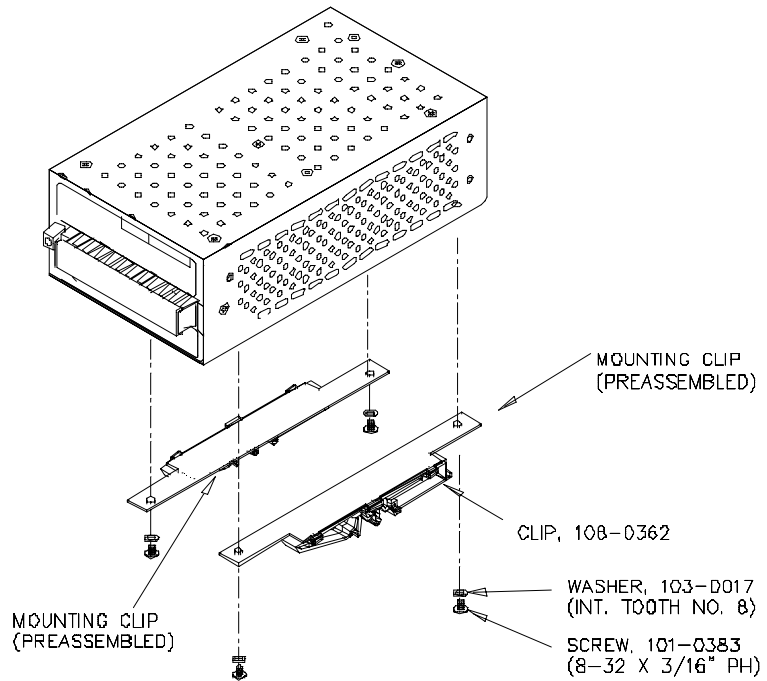
FIGURE 3. INSTALLATION OF KIT ON RAX 50W POWER SUPPLY

NOTE:
UNLESS OTHERWISE SPERCIFIED, DIMENSIONS
ARE IN INCHES, DIMENSIONS IN BRACKETS
ARE IN MILLIMETERS.
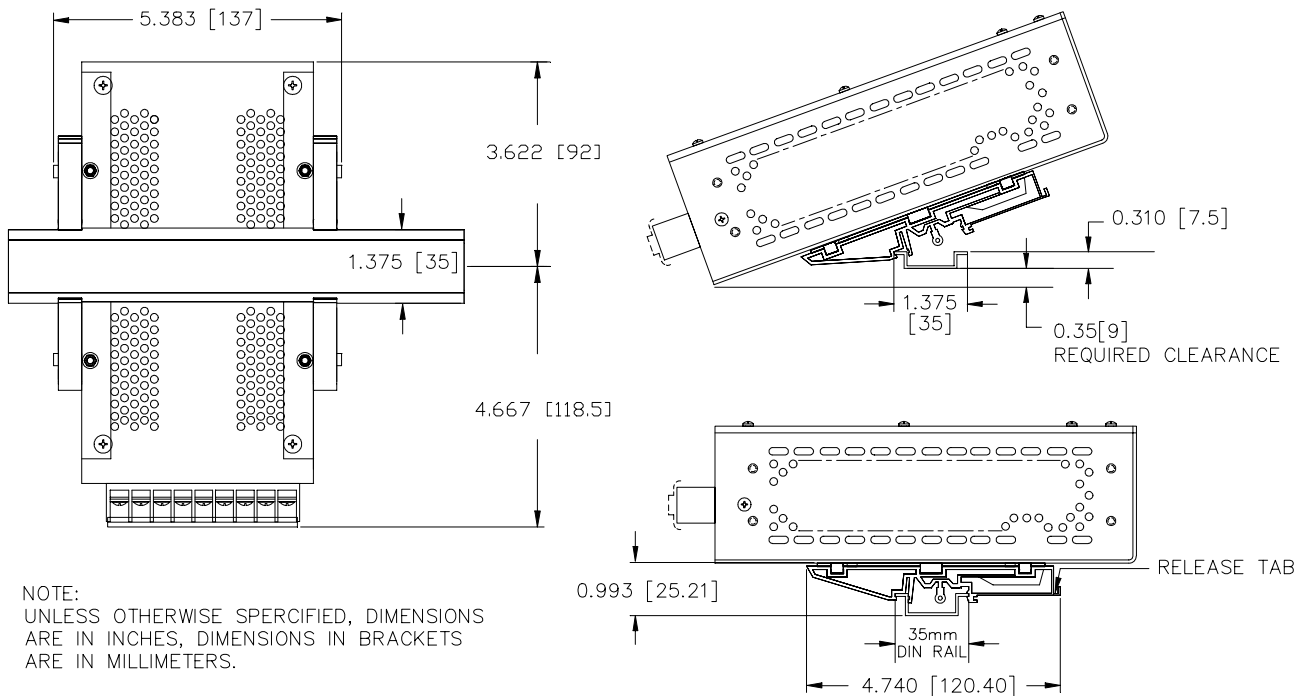
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FIGURE 4. RAX 50W POWER SUPPLY WITH KIT INSTALLED, OUTLINE DIMENSIONS