

MODEL 405L/H**POWER SUPPLIES**

The Models 405L and 405H Power Supplies are components of the IED 400 Power Supply Series.

The 405L is a +5 VDC at 20 A supply whose input voltage range is 105 VAC to 130 VAC. The 405H is a +5 VDC at 20 A supply whose input voltage range is 210 VAC to 260 VAC.

Two alternatives are supported for field service, fuse replacement and replacement of the power supply unit. Other component level field service is not recommended and not supported. The power supply cards are designed to be replaced easily in the field.

If a power supply fault condition is indicated, power down the supplies by disconnecting the power cord from the rear of the 408L/H Mainframe. Remove all the individual power supplies by loosening the two captive, slotted thumbscrews, either with the fingers or with a straight bladed screwdriver. The thumbscrews are located on the front panel of each power supply unit, near the top and bottom. After loosening, extract the supply by grasping both of the thumbscrews and pulling the unit straight out of the frame.

Referring to figure 1, locate each fuse and remove it by carefully pulling it away from the circuit board. Check the fuse for continuity with an ohmmeter, continuity meter, or fuse checker. If an ohmmeter is used, the reading for a good fuse should be 5Ω or less. The resistance reading of an open fuse should be in the multi megohm range. Be careful not to bridge the circuit with your fingers or a false reading might result. Replace any defective fuse(s) with another of the type and value specified by IED.

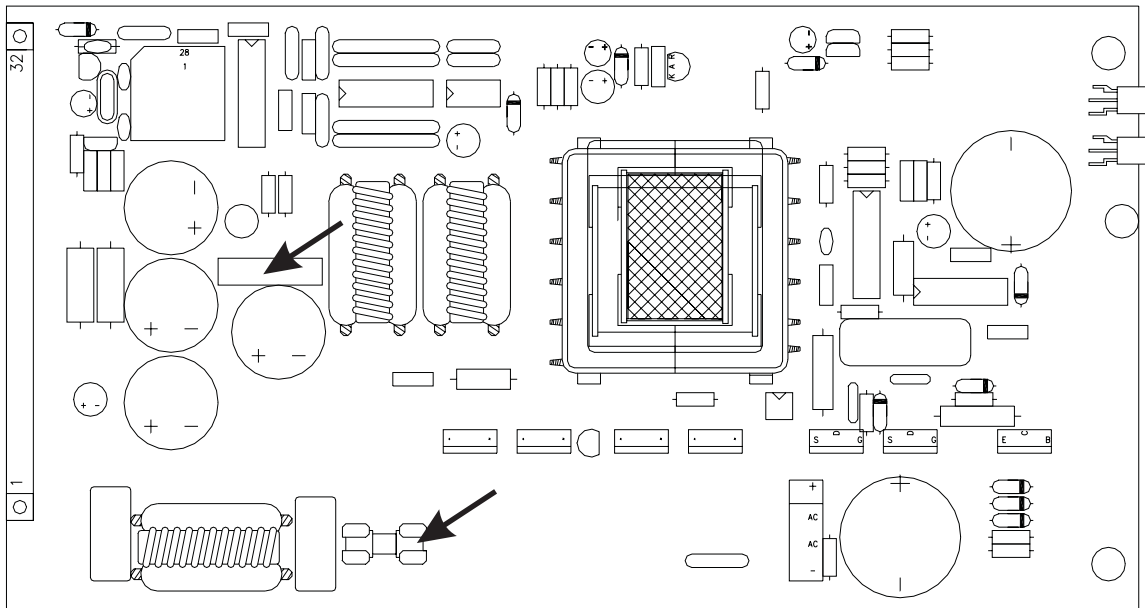


Figure 1 - 405L/H Fuse Location



