Littelfuse
STARTCO

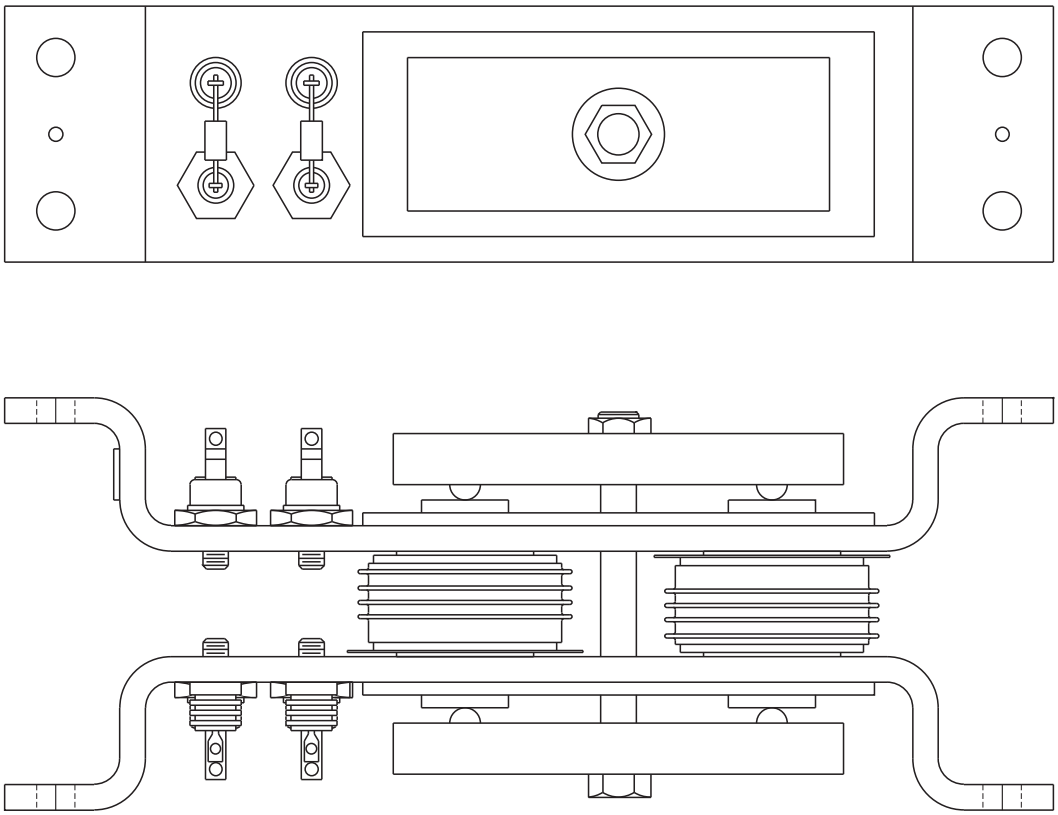
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PPI-600V

PARALLEL PATH ISOLATOR

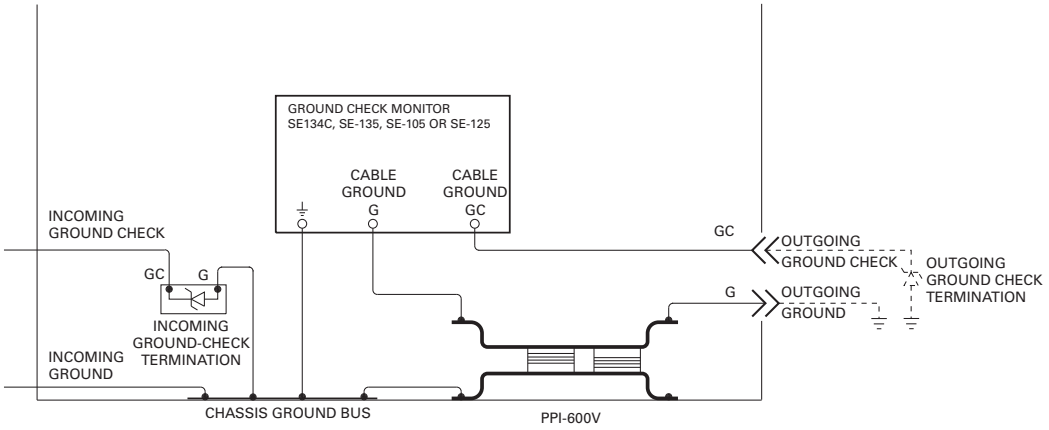
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REVISION 0



The PPI-600V is a ground-wire device that allows a trailing-cable ground to be monitored independently of the parallel ground path created when trailing-cable-fed equipment is in contact with the earth. It also allows a trailing-cable ground to be monitored in the presence of stray dc and it prevents inter-machine arcing caused by the voltages induced in the cables.

TYPICAL APPLICATION



NOTES:

1. PARALLEL PATH ISOLATOR IS NOT POLARIZED. EITHER FLANGE CAN BE CONNECTED TO CHASSIS.
2. THE OUTGOING GROUND MUST BE ISOLATED FROM THE CHASSIS GROUND BUS. IF A FLANGE-MOUNTED RECEPTACLE IS USED, VERIFY THAT THE FLANGE IS ISOLATED FROM THE GROUND PIN, AND
   - USE A MATING PLUG WITH A NON-METALLIC HOUSING, OR
   - ISOLATE THE FLANGE FROM THE CHASSIS IF THE MATING PLUG HAS A METALLIC HOUSING.
3. CABLE PLUGS AND RECEPTACLES WITH GROUNDED METAL HOUSINGS MUST BE ISOLATED FROM EARTH TO PREVENT PARALLEL GROUND PATHS.
4. FOR SYSTEMS ABOVE 600 VAC, CONNECT A V131DA40 MOV ACROSS THE PPI-600V.

TECHNICAL SPECIFICATIONS

Dimensions:
Height.....102 mm (4.0”)
Width.....235 mm (9.3”)
Depth.....64 mm (2.5”)

Shipping Weight.....11.5 lb (5.5 kg)

Off-State Resistance.....>20 kΩ @ 125°C and V < 10.0 V
On-State Voltage.....< 2 V @ 25°C and I<2000 A
Minimum Trigger Voltage.....20 V
Maximum Trigger Voltage.....25 V
Clamp Rating:
  1 Cycle.....15 kA
  10 second.....2.5 kA

Failure Mode.....Short Circuit

DISCLAIMER

Specifications are subject to change without notice. Littelfuse Startco is not liable for contingent or consequential damages, or for expenses sustained as a result of incorrect application, incorrect adjustment, or a malfunction.