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**

```
GROUND CHECK MONITOR
SE134C, SE-135, SE-105 OR SE-125
```

```
INCOMING CABLE
GROUND CHECK TERMINATION
```

```
OUTGOING GROUND CHECK
```

```
CHASSIS GROUND BUS
```

- **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 V131D40 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.