

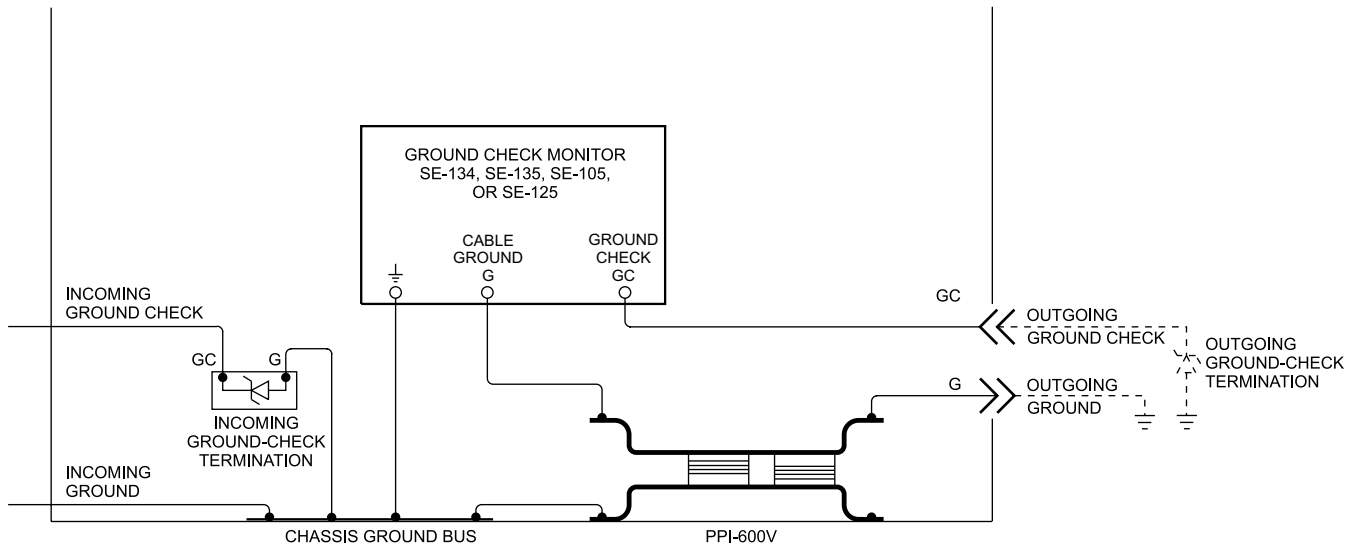
## PPI-600V

### PARALLEL PATH ISOLATOR

Manuals and additional  
information available at  
[www.startco.ca](http://www.startco.ca)

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 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.

## 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

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