




## Features

- Balanced protection
-  UL Listed per UL 497 (File: E53117)
- Reliability is improved by elimination of the air Back-Up-Gap (BUG)
- Extended service life
- Quick response
- High current handling
- Compact, industry standard footprint
- Meets test requirements of Telcordia GR 974, GR1361, SR 5165 and RUS PE-80
- Telcordia Analysis report DA-1843

## 155G Series Heavy-Duty Station Protector

The CNI 155G Balanced Gas Discharge Tube Protector is an economical choice for protecting copper pair voice-band and high-speed data circuits. The 155G utilizes a high-efficiency gas discharge tube for extended surge life with a Switch-Grade Fail-Short mechanism for thermal overload protection.

CNI C-2378-35-G can be used universally for POTS and high-speed data, such as ADSL, ADSL2+, VDSL, VDSL2, other xDSL protocols and high-speed Ethernet. The Model 155G is a reliable and economical choice for overvoltage protection of paired copper communications circuits that exceeds all Cat5 requirements.

### Characteristics

Test Methods per IEEE C62.31, UL 497, RUS PE-80, CSA C22.2, Telcordia GR 974 and 1361.

DC Breakdown .....	300-500 V
AC Breakdown.....	300-500 V
Impulse Breakdown.....	625 V
	100 V/ $\mu$ s .....
	1000 V/ $\mu$ s .....
Insulation Resistance .....	> 1 G $\Omega$
Insertion Loss .....	100 MHz .....
Return Loss .....	100 MHz .....
Capacitance Tip or Ring to Ground - Binding Post.....	1 MHz .....
Impulse Reset <sup>1</sup> .....	52 V, 260 mA.....
	135 V, 200 mA.....
	150 V, 200 mA.....
Impulse Life Characteristics .....	10 A, 10/1000 $\mu$ s .....
(Tip and Ring to Ground, Simultaneously) .....	100 A, 10/1000 $\mu$ s .....
	300 A, 10/1000 $\mu$ s .....
	500 A, 10/1000 $\mu$ s .....
	2,000 A, 10/250 $\mu$ s .....
	5,000 A, 20/100 $\mu$ s .....
	20,000 A, 8/20 $\mu$ s .....
AC Life Characteristics .....	0.5 A rms continuous.....
(Tip and Ring to Ground, Simultaneously) .....	1 A rms, 1 second, 600 ft. cable .....
	1 A rms, 1 second, 1 mile cable .....
	10 A rms, 1 second.....
	65 A rms, 11 cycles.....
	120 A rms, 0.1 second.....
High Current Capability and Thermal Operation .....	> 30 A rms, 15 min.
(Tip and Ring to Ground, Simultaneously)	
Storage and Operating Temperature .....	-55 to +85 °C

### Notes:

<sup>1</sup> Network applied.

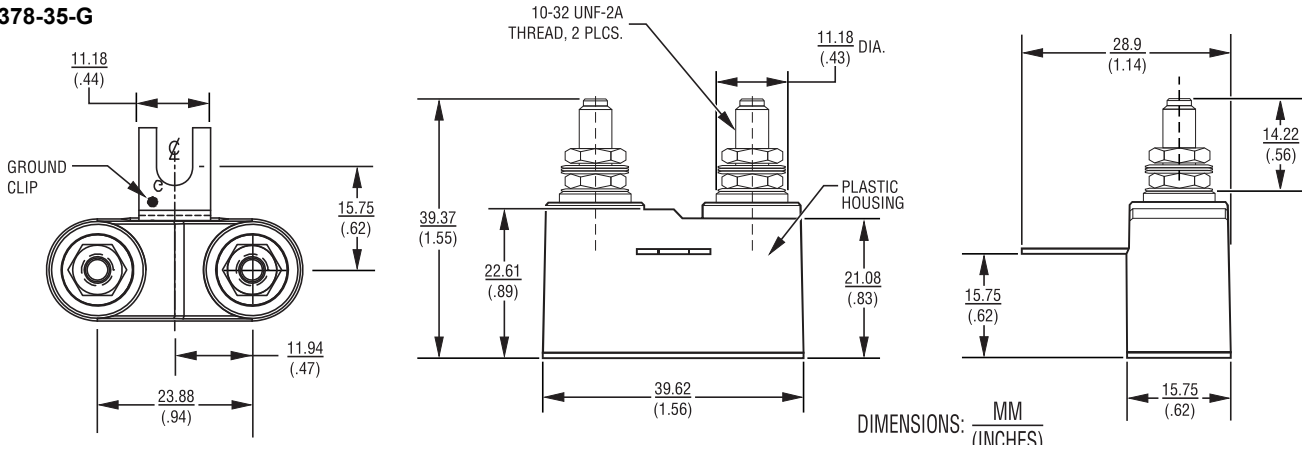
<sup>2</sup> Per RUS PE-80.

Line to Line voltage is approximately 1.8 to 2 times the stated Line to Ground breakdown voltage.

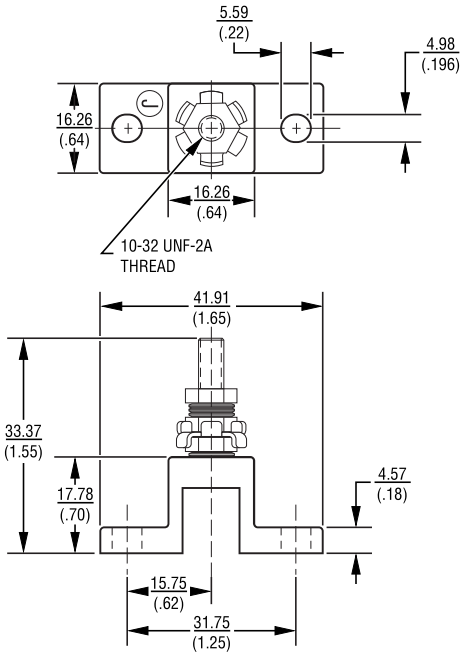
# 155G Series Heavy Duty Station Protector

## Product Dimensions

C-2378-35-G



## 2372-02 Ground Mounting Stud (Order Separately)



## How To Order

Model 155G.....Order by Part Number C-2378-35-G