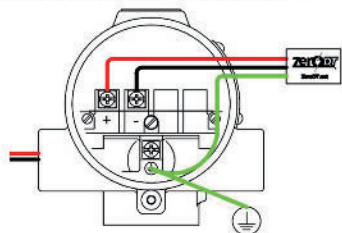


	ZeroDT 12-1	ZeroDT 12-2	ZeroDT 24-1	ZeroDT 24-2	ZeroDT 48-1	ZeroDT 120-1
Nominal Voltage:	12 V DC	12 V DC	24 V DC	24 V DC	48 V DC	120 V AC
MCOV	18 V DC	18 V DC	36 V DC	36 V DC	65 V DC	195 V DC

ZeroDT 12-1, 24-1, 48-1, 120-1



Single Loop or 2-Wire Devices
 1 Red Wire (Voltage + or -)
 1 White Wire (Voltage + or -)
 1 Green Wire (GND)

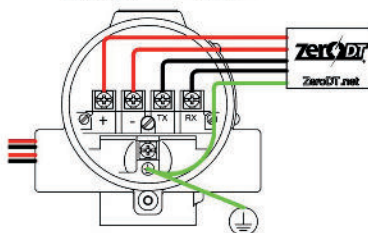
ZeroDT 48-1



ZeroDT 120-1



ZeroDT 12-2, 24-2



Dual Loop or 3 or 4-Wire Devices
 2 Red Wire (Voltage + or -)
 2 White Wire (Voltage + or -)
 1 Green Wire (GND)

ALL WIRE LEADS ARE 16 AWG

Installation Procedure

- 1** For maximum overvoltage transient protection, mount the ZeroDT as close as possible to the equipment to be protected.
- 2** Trim any excess length of the wire leads while keeping them routed as short and straight as possible.
- 3** The ZeroDT is to be installed in accordance with the applicable requirements of the National Electric Code and the local authorities having jurisdiction.
- 4** **Wiring Instructions**
 - a. Green wire lead must be bonded to low-impedance Ground/Earth for proper functionality.
 - b. Each of the Red/White wire leads are independently protected and can be connected to either the positive or the negative side of the circuit.
- 5** During 'Normal' operation (no overvoltage present) the ZeroDT appears as a very high impedance (Open circuit) to the signals or power it is connected to.
- 6** In the unlikely event that the ZeroDT self-sacrifices, DC power and communications will be interrupted (unit is designed to fail with lines as a low impedance/short to Ground).



WARNING EXPLOSION HAZARD

Do not disconnect equipment while the circuit is live or unless the area is known to be free of ignitable concentrations.



Isolated Loop Protector
 E499683
 Isolated Loop Circuit Protector
 For Use In Hazardous Locations
 E502612

Ambient Temperature Range: -40°C to +80°C.
This equipment is suitable for use in Class 1, Division 2, Groups A, B, C, or D (T6) as well as in non-hazardous locations.

The logo features the word "Zero" in a large, bold, white sans-serif font. The letter "o" is stylized with a white lightning bolt striking through it from the top right. Below "Zero" is the word "DOWNTIME" in a smaller, bold, white sans-serif font. Underneath "DOWNTIME" is a white horizontal bar containing the slogan "Get Protected. Stay Protected." in a bold, italicized, black sans-serif font.

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zerodowntime.net