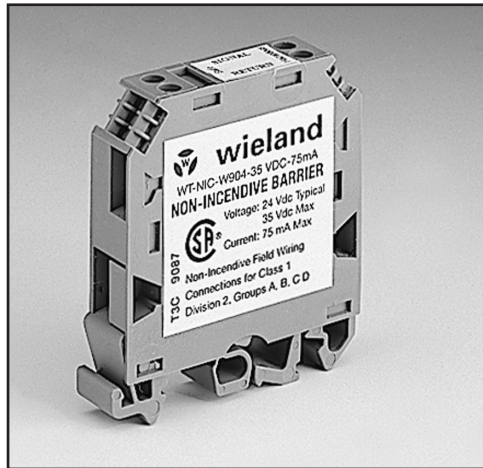


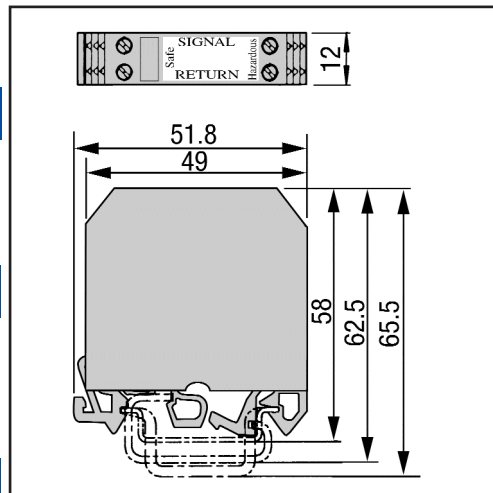
# discrete

## Non-Incendive Barrier Terminal Blocks

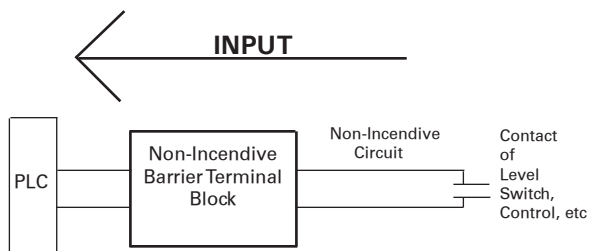
For Hazardous Locations / Type: WT-NIC-W904-35VDC-75mA



Part Number : 34.243.0008.0



### Typical Application:



### Description:

This module is designed to provide isolation to enable circuits beyond the module to be rated as non-incendive. It is typically used on discrete inputs to PLCs to allow the use of non-explosion-proof wiring and end devices in Class I Division 2 Groups, A, B, C and D Hazardous Locations. The barrier is suitable for use with all gases when located outside of the hazardous location and with gases having ignition temperatures of 160<sup>o</sup> C or higher when located in the Class I Division 2 Hazardous Location. The barrier must be located in an enclosure suitable for the location.

### Features:

- Provides non-incendive isolation for circuits up to 24 VDC
- Eliminates need for expensive explosion proof enclosures for End Field Devices
- Eliminates costly wiring normally required in Class I, Division 2 locations.
- DIN rail mountable terminal block style housing

### Technical Information:

#### Materials:

- Insulating Body: Polyamide 6.6, UL94 V-2
- Clamping Body: Nickel plated copper alloy
- Clamping screw: Dichromated Steel
- Color: Grey

### Ratings:

- Rated Voltage: 24 Volts DC
- Maximum Voltage: 35 Volts DC
- Maximum Current: 75 mA
- Internal Resistance: 470 Ohms+/-1%
- Hazardous Location Rating: Class I Div. 2 Groups A, B, C, & D
- Temperature Code: T3C (160<sup>o</sup> C)



Technical Data Sheet 504-01

