

Fire Alarm Accessories

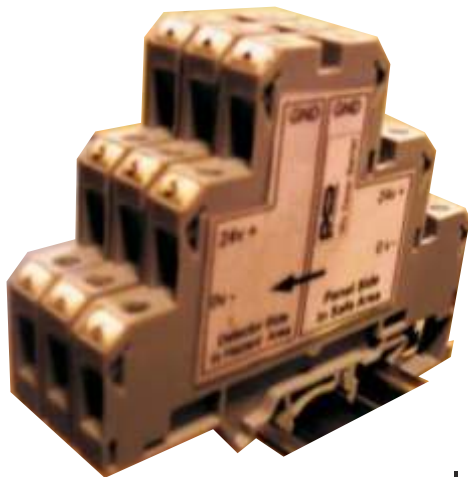
Zener Barriers

(Isolation Barrier)

Model: ZB-28-05



ANISO9001: 2008COMPANY-



Rail mount 3 Nos.

This is a 2 wire device which can pass an electric signal in either direction but limit the transfer of energy.

When connected between equipment installed in a safe area and fire sensors mounted in a hazzard area these devises will limit the power entering theHazzard area in the case of a fault condition in the safe area.

These barriers have 30v Zener diodes which limit the voltage entering the hazzard area. They are wired in series with a resistor and

electronic fuse in each leg. They are polarity sensitive designed to be used to protect floating supply equipment. Any fault transients bet ween

Positive and negative are shunted between the two inputs and transients between an input and earth are shunted to earth. In case the current level rises beyond the safe limit then a fuse will interrupts this current. The Fuse will automatically reset itself when the fault condition no longer exist.

Specifications

Model: ZB-28-05

Hazzard Area Side.

Max voltage 28v DC.

Max Current 50mA.

Safe Area side.

Max Normal voltage 30v

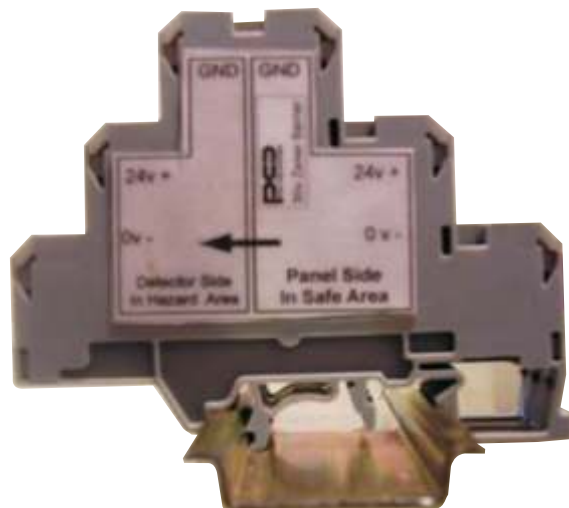
Normal Current 2 mA.

Alarm Current 10 mA

Max Fault voltage 230v

Max Fault current 50 mA.

Above ratings are measured between two inputs. Max Voltage from input to earth. Positive or negative 30v



Side View

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