

# GST-AS-200

## Zener Safety Barrier



# Ex

### Description

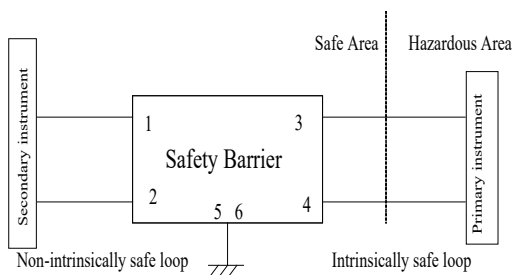
GST-AS-200 Zener Safety Barrier is associated with intrinsically safe products. It provides protection by limiting the energy into explosive environment. The barrier is suitable for protecting the automatic control process in modern industries such as petroleum industry, chemical industry, pharmaceutical industry, and ship yards.

The protection of the barrier is actually limiting of energy. In an explosion-proof system, the barriers ensures the energy output always be controlled under a safe value (that will not ignite the explosive gas mixture classified and grouped according to relative standards) in case of any kind of fault condition.

### Technical Specification

Operating voltage	24V
Max. voltage allowed	$U_m=250VAC/DC$
Max. output voltage	$U_o=28V$
Max. output current	$I_o=93mA$
Max. external capacitance	$C_o=0.083\mu F$
Max. external inductance	$L_o=4mH$
Explosion-proof Mark	[ExibGb] IIC
Ambient Temperature	$-20^{\circ}C \sim +40^{\circ}C$
Relative Humidity	$\leq 95\%$ , non condensing
Dimensions	96.9mm×20.9mm×58.4mm

### Typical Connection



Terminal 1 & 3 are positive.

Terminal 2 & 4 are negative, internally connecting with Earth.

### Order Information

Part No.	GST-AS-200
Device Name	Zener Safety Barrier
Product No.	20102594