

GST-AS-200 Zener Safety Barrier



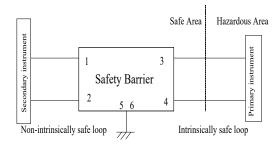
Ex

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.

Typical Connection



Terminal 1 & 3 are positive.

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

Technical Specification

Operating voltage	24V
Max. voltage allowed	U _m =250VAC/DC
Max. output voltage	U ₀ =28V
Max. output current	I ₀ =93mA
Max. external capacitance	C ₀ =0.083uF
Max. external inductance	L ₀ =4mH
Explosion-proof Mark	[ExibGb] II C
Ambient Temperature	−20°C ~ +40°C
Relative Humidity	≤95% , non condensing
Dimensions	96.9mm×20.9mm×58.4mm

Order Information

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



IMPORTANT: This publication is a generic version in which product information is shown for informational purposes only and does not constitute a specific commitment or guarantee. We are constantly pursuing the improvement of product technology to improve product performance, for which we reserve the right to adjust the configuration and technical information of the related products without notice. In addition, the description of system performance in this publication applies only to the usual situation. As a result, there may be a variety of unpredictable special circumstances in the real world, so the realization of the relevant product performance will depend on the professional investigation and analysis and the design plan. Please contact us and we will be happy to provide you with professional advice.