

Zener barrier



Application

The Zener barrier limits the amount of energy transferred from the non-hazardous area to the hazardous area.
If used in conjunction with AFRISO 2-wire Ex devices, only usable as a single-channel system.

Description

The Zener barrier Z 787 barrier is used for evaluation of up to 2 signals from the hazardous area. No separate supply voltage required.
If used in conjunction with AFRISO 2-wire Ex devices, only usable as a single-channel system.

Technical Specifications

Housing

DIN rail housing
 W x H x D: 12.5 x 115 x 110 mm

supply voltage

max. DC 28 V

Fuse rating

50 mA

Connection

2-channel
 DC version, positive polarity

current circuits (max. data)

U_0 : 28 V
 I_0 : 93 mA
 P_0 : 650 mW

Nominal resistance

300 Ohm

Operating temperature range

Ambient: -20/+60 °C

EU type examination certificate
IEC Ex BAS 09.0142 Ex II (1) GD [Ex ia] IIC
Ex II (1) GD [Ex ia Ga] IIC, [Ex ia Da] IIIC

Versions

		Part no.
Zener barrier Z 787		31296

-  in-stock items
-  Non-stock items