

Technical Data	
MODEL NUMBER	Working voltage at 10 µA leakage (V) Max. end to end resistance (Ω) Fuse rating max. current (mA) Max. voltage (V)
Z955	0.9 (1 µA) 18.18 250 4.7
Z961	6.5 106 100 8.1
Z961.H	6.5 380 50 8.1
Z964	10.0 1033 50 11.7
Z966	10.0 166 50 11.7
Z966.H	10.0 82 100 11.7
CERTIFICATES	
See page 317 for entity parameters	
	No. 116-0118
	No. 116-0119
	No. 116-0139
	Zone 0, 1, 2 BAS 01 ATEX 7005, II (1) G D [EEx ia] IIC
	Zone 2 TÜV 99 ATEX 1484 X, II 3 G EEx nAC IIC T4
MECHANICAL	
Housing	Type G see page 455
Dimensions	4.53" x 0.49" x 4.33" (115 x 12.5 x 110 mm)
Weight	4.0 oz. (≈ 125g)
Max. Wire Size	2 x #14 AWG (2 x 2.5 mm ²)
AMBIENT TEMPERATURE	
-4°F to +131°F (-20°C to +55°C)	

2-Channel AC SafeSnap™ Barrier

Model Numbers

- Z955**
- Z961**
- Z961.H**
- Z964**
- Z966**
- Z966.H**

- **2-channel/AC**
- **Narrow 12.5 mm profile**
- **Dedicated terminal for each connection**
- **Snap-on for easy mounting and grounding**

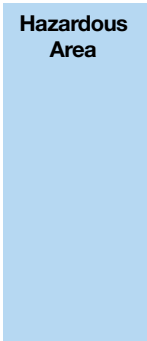
SafeSnap dual-channel zener barriers feature a narrow profile of just 12.5 mm to maximize control panel space. These barriers simply snap on for easy installation and maintenance.



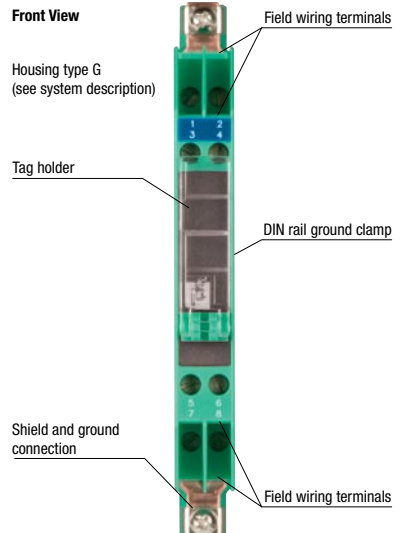
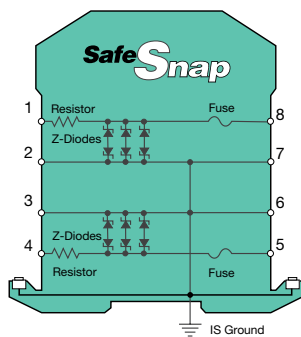
Engineer's Guide (page 7)
 Zener Accessories (page 297)
 Power Supplies (page 401)
 Surge Suppression (page 413)
 Latest Info. Avail. Online

Connection Diagram

Class I, Div 1, 2
 Zone 0, 1, 2



Safe Area, Div 2 or Zone 2



Zener SafeSnap™