

Technical Data	
<b>MODEL NUMBER</b>	Working voltage at 10 µA leakage (V)    Max. end to end resistance (Ω)    Fuse rating max. current (mA)    Max. voltage (V)
<b>Polarity Pos. (Neg.)</b>	
Z705 (Z805)	0.9 (1 µA)    18.18    250    4.8
Z710 (Z810)	6.5    56    100    8.9
Z713 (Z813)	13.7    29    160    14.6
Z715 (Z815)	13.0    107    100    13.6
Z715.1K (Z815.1K)	13.0    1025    100    13.6
Z722 (Z822)	19.0    166    50    20.1
Z728 (Z828)	27.0    327    50    28.0
Z728.H (Z828.H)	26.5    250    80    28.0
<b>CERTIFICATES</b>	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
<b>MECHANICAL</b>	
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 <sup>2</sup> )
<b>AMBIENT TEMPERATURE</b>	-4°F to +131°F (-20°C to +55°C)

## 1-Channel DC SafeSnap™ Barrier

**Model Numbers**

- Z705** (Z805)\*
- Z710** (Z810)\*
- Z713** (Z813)\*
- Z715** (Z815)\*
- Z715.1K** (Z815.1K)\*
- Z722** (Z822)\*
- Z728** (Z828)\*
- Z728.H** (Z828.H)\*

- 1-channel/DC
- Narrow 12.5 mm profile
- Dedicated terminal for each connection
- Snap-on for easy mounting and grounding

SafeSnap single-channel zener barriers feature a narrow profile of just 12.5 mm to maximize control panel space. Available in positive or negative polarity, these barriers simply snap on for easy installation and maintenance.

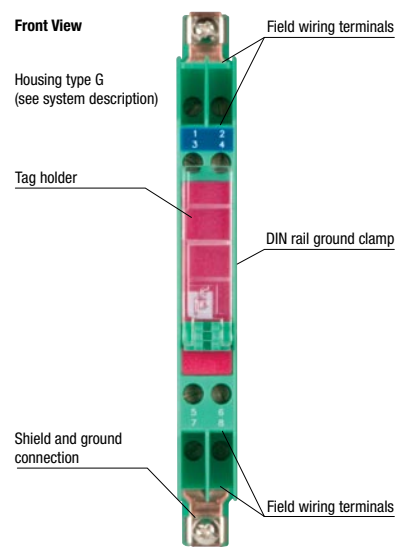
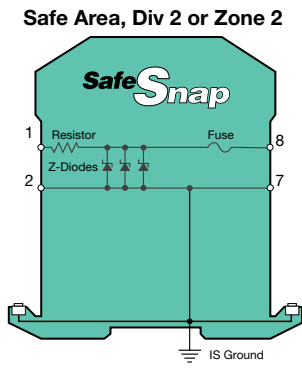
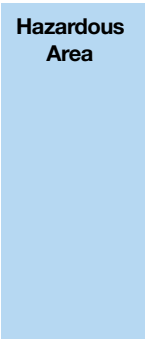
**Note:** All diodes are orientated in the opposite direction for the negative polarity versions.



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



\* No ATEX Zone 2 certificate

**Zener SafeSnap™**