

2-Channel DC SafeSnap™ Barrier

Model Numbers

- Z755** (Z855)*
- Z757** (Z857)*
- Z764** (Z864)*
- Z765** (Z865)*
- Z772** (Z872)*
- Z778** (Z878)*
- Z779** (Z879)*
- Z779.H** (Z879.H)*
- Z786** (Z886)*
- Z788** (Z888)*
- Z788.H** (Z888.H)*
- Z796** (Z896)*

- 2-channel/DC
- 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. 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.

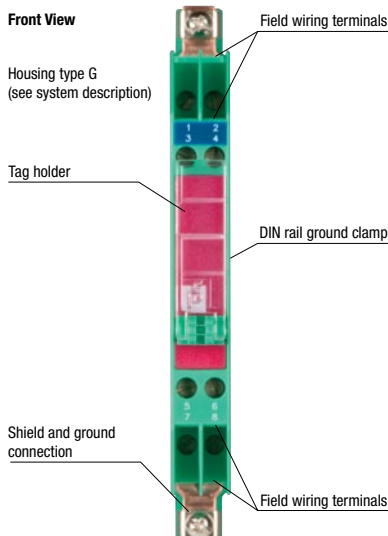
Technical Data

MODEL NUMBER	Working voltage at 10 µA leakage (V)	Max. end to end resistance (Ω)	Fuse rating max. current (mA)	Max. voltage (V)
Polarity Pos. (Neg.)				
Z755 (Z855)	0.9 (1 µA)	18.18	250	4.8
Z757 (Z857)	6.0	15.5	200	6.9
Z764 (Z864)	10.0	1033	50	11.0
Z765 (Z865)	13.0	107	100	13.6
Z772 (Z872)	19.0	166	50	20.1
Z778 (Z878)	26.5	646	50	28.0
Z779 (Z879)	26.5	327	50	28.0
Z779.H (Z879.H)	26.5	250	80	28.0
Z786 (Z886)	26.5	36 + 0.9 V	50	28.0
Z788 (Z888)	26.5	327	50	28.0
	6.5	64	50	9.1
Z788.H (Z888.H)	26.5	250	80	28.0
	6.5	64	80	9.1
Z796 (Z896)	24.0	340	50	25.1
	18.0	437	50	19.5
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 [EEEx ia] IIC		
	Zone 2	TÜV 99 ATEX 1484 X, II 3 G EEx nAC IIC T4		
MECHANICAL	Type G see page 455			
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)			



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

Zener SafeSnap™

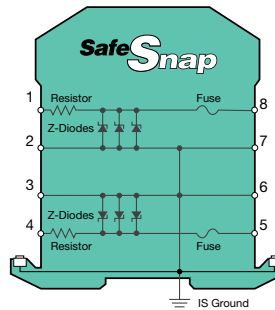


Connection Diagram

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

Hazardous Area

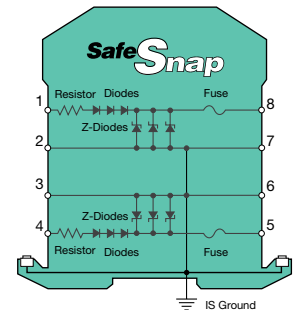
Safe Area, Div 2 or Zone 2



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

Hazardous Area

Safe Area, Div 2 or Zone 2



Z786 and Z886

* No ATEX Zone 2 certificate