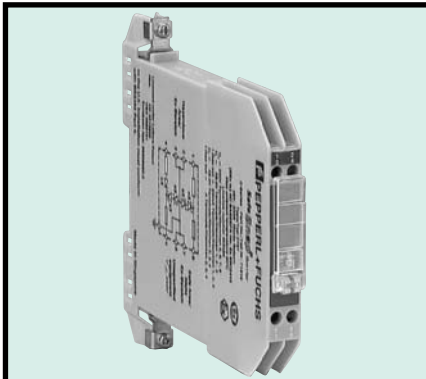


SafeSnap®
Zener Barrier



- Model Numbers**
DC Models, Single Channel
- Z705 (Z805) ■ Z715.1K (Z815.1K)
 - Z710 (Z810) ■ Z722 (Z822)
 - Z713 (Z813) ■ Z728 (Z828)
 - Z715 (Z815) ■ Z728.H (Z828.H)

- Narrow 12.5 mm profile
- Snaps-on for easy mounting and grounding
- Dedicated terminal for each connection

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.

Zener Diode Barriers

Model Specifications

Model No.	Working voltage at 10 µA leakage	Max. end to end resistance	Fuse rating max. current	Max. voltage
Pos / Neg	(V)	(Ω)	(mA)	(V)
Z705/Z805	0.9 (1µA)	18.18	250	4,8
Z710/Z810	6.5	55	100	8.9
Z713/Z813	13.9	29.0	160	14.6
Z715/Z815	13.0	106	100	13.6
Z715.1K/Z815.1K	13.0	1024	100	13.6
Z722/Z822	19.0	166	50	20.1
Z728/Z728	27.0	327	50	28.0
Z728.H/Z828.H	27.0	250	80	28.0

FM Entity Parameters

Model No.	Terminals	Voc (V)	Isc mA	A & B	
				Ca (µF)	La mH)
Z705 (Z805)	1-2	4.97	507	1000	0.10
Z710 (Z810)	1-2	9.77	200	3.51	0.48
Z713 (Z813)	1-2	15.75	724	0.67	0.07
Z715 (Z815)	1-2	15.2	155	0.76	1.09
Z715.1k (Z815.1k)	1-2	15.2	15.5	0.76	137
Z722 (Z822)	1-2	22.7	155	0.24	1.10
Z728 (Z828)	1-2	28.0	93	0.13	3.91
Z728.H (Z828.H)	1-2	28.0	119.2	-	-

Mechanical

Operating Temperature	-4°F to 131°F
Max. Wire Size	(2) #14AWG
Housing Material	MAKROLON #6485
Housing	Type K (see page 302)



Connection Diagram

Class I, Div 1, Group A-G, Zone 0, IIC

