

OSNA make Shunt Zener Diode Safety Barriers are passive network of components, limits the excessive flow of electrical energy from safe area to the hazardous area.

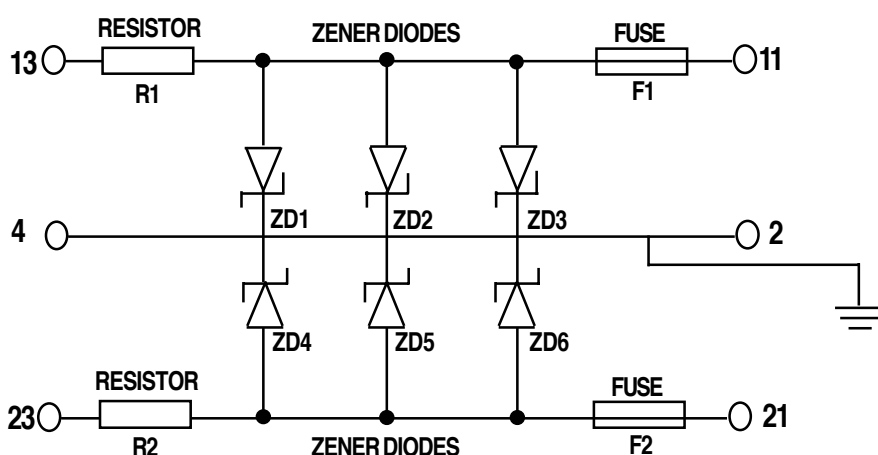
All OSNA make Zener Barriers are designed, manufactured under strict quality control according to the Harmonised European Standard EN 60079-0:2012+A11:2013, EN 60079-11:2012 and are approved by BUREAU VERITAS . CMRS for Ex ia, II C

New approved by Certificate No. EPS 15 ATEX 1 128 X



TYPE NO	DESCRIPTION	TYPE	FUSE RATING (mA)	OUTPUT PARAMETERS		I _{sc} AMPS	OPTIMUM POWER Watts	FACTOR OF SAFETY IIC	
				U _z volts	R _{min} ohms				
Z455/Ex	5V 10 ohm	D.C.+	50	a1	5	9.8	0.51	0.64	9.8
	a2			5	9.8	0.51	0.64	9.8	
	b1			5	4.9	1.02	1.28	4.9	
	b2			5	19.6	0.255	0.32	19	
*** This connection is not permitted with in a IIC atmosphere									

Connection Diagram



Housing Dimensions

