

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

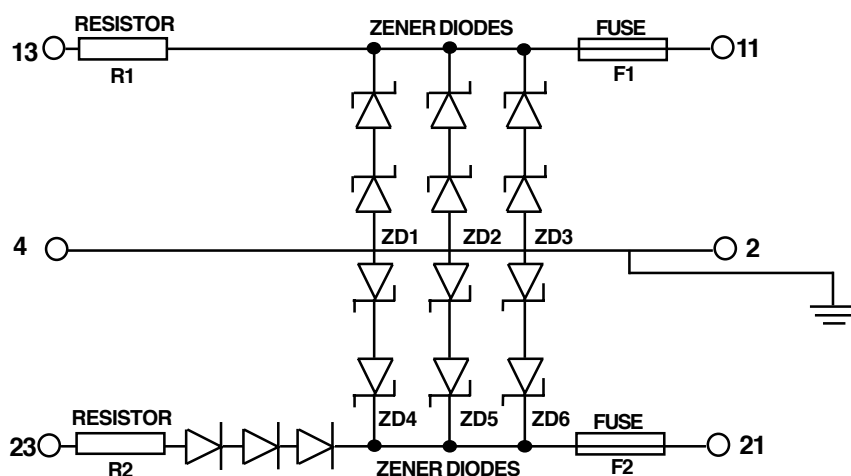
New approved by Certificate No. EPS 15 ATEX 1 128 X



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			
Z487/Ex	28V 300 ohm	D.C.+	50	a1 28	300	0.093	0.65	1.54
				a2 28	-	-	-	**
	28V DIODE		50	b1 28	300	0.093	0.65	1.54
				b2 28	300	0.093	0.65	1.54

** The Hazardous area terminals of diode return channels must be treated as a 28v source due to leakage current through blocking diodes. However, this source does not contribute to energy available at a short circuit of the output terminals.

Connection Diagram



Housing Dimensions

