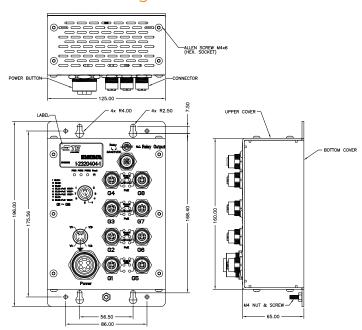


8-PORT EN50155 GIGABIT POE ETHERNET SWITCH

1GBPS UNMANAGED ETHERNET SWITCH WITH POE AND 2X BYPASS

The 8-port EN50155 Gigabit Ethernet switches are designed for industrial applications, such as rolling stock, vehicle, and railway applications. The products are EN50155 compliant, unmanaged Ethernet switches with eight (8x) 10/100/500/1000Base-T(X) P.S.E. ports. The 8-port Ethernet POE switches use M12 connectors to guarantee reliable operation during though environmental conditions, such as vibration and shock. The 8-port Gigabit POE ethernet switch includes 2 bypass ports that protect the network from failures by ensuring network integrity during power loss. The 5-port PoE switch also supports Power over Ethernet, a system to transmit electrical power, along with data, to remote devices over standard twisted-pair cable in an Ethernet network. Furthermore they are provided with reversed polarity protection, overcurrent protection, redundant power inputs and broadcast storm protection

Technical Drawing





Part Number					
	1-2320404-4	1-2320404-1	1-2320404-5	1-2320404-6	
Physical ports					
10/100/1000Base-T(X) Ports	8 x M12 connector (8-pin M12 A-coding)				
Technology					
Ethernet Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3ab for 1000Base-T IEEE 802.3x for Flow control IEEE 802.3at compliant PoE specification (Maximum 30Watts per port)				
MAC Table	4K MAC addresses				
Processing	Store-and-Forward				
LED Indicators					
Power indicator	Green: Power LED x 3 Green: Power LED x 1				
Fault Indicator	Amber : Indicate PWR1 or PWR2 failure				
10/100/500Base-T(X) M12 port indicator and POE indicator	Top for 10/100/1000Mbps port Link/Act indicator. Green for 1Gbps link, Amber for 10/100 Mbps link Middle Amber for 500Mbps port Link/Act indicator Bottom blue for PoE Injected indicator				
Fault contact					
Relay	Relay output to carry capacity of 3A at 24VDC on M12 connector (5-pin A-coding)				
Power					
Redundant Input Power	Dual DC inputs. 12~57VDC on 5-pin M23 connector 5-pin M23 connector				
Power Consumption (Typ.)	2.88W	6.24W	7.88W	11.24W	
PoE Output Power	60Watts (12~24VDC), 120 Watts (24~57VDC)				
Overload Current Protection	Present				
Reverse Polarity Protection	Present				
Physical Data					
Ingress Protection	IP-30				
Dimensions (W x D x H)	125 x 65 x 196 mm				
Weight	979g	1001g	979g	1001g	
Environmental					
Storage Temperature	-40 to 85°C (-40 to 185°F)				
Operating Temperature	-40 to 75°C (-40 to 167°F)				
Operating Humidity	5% to 95% Non-condensing				
Cable Data		FCC Part 15, CISPR (EN55022) class A, EN50155 (EN50121-3-2, EN55011, EN50121-4)			
EMI	FCC Part 15, C			5 (EN50121-3-2,	
	EN61000-4-2	EN55011, E (ESD), EN61000 -5 (Surge), EN610	N50121-4) -4-3 (RS), EN610	000-4-4 (EFT),	

