8-Port Industrial Gigabit Ethernet Switches | IDS-108GE

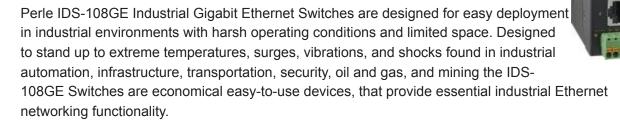


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IDS-108GE Industrial Gigabit Switches

8-port Compact DIN Rail Switches

- 8 x RJ45 ports with 10/100/1000 Mbps on all ports
- Redundant dual power input 12/24/48 VDC
- · Reverse polarity protection
- Fan-less design with no moving parts
- -40 to 75C industrial operating temperature support
- · QoS (Quality of Service) prioritized messages



These unmanaged switches support 9 to 55VDC redundant power input and provide a relay alarm for power failure. The full/half-duplex auto-negotiation and auto MDI/MDIX operation simplifies installation and setup for convenient connection of a variety of network devices. And, QoS support allows for traffic prioritization and effective management of resources.

For automation and industrial control systems using EtherNet/IP or PROFINET, these rugged, DIN rail mountable switches with metal housing provides security and easy installation (mounting kit is included).

Hardware & Technical Specifications: IDS-108GE Industrial Gigabit Switches

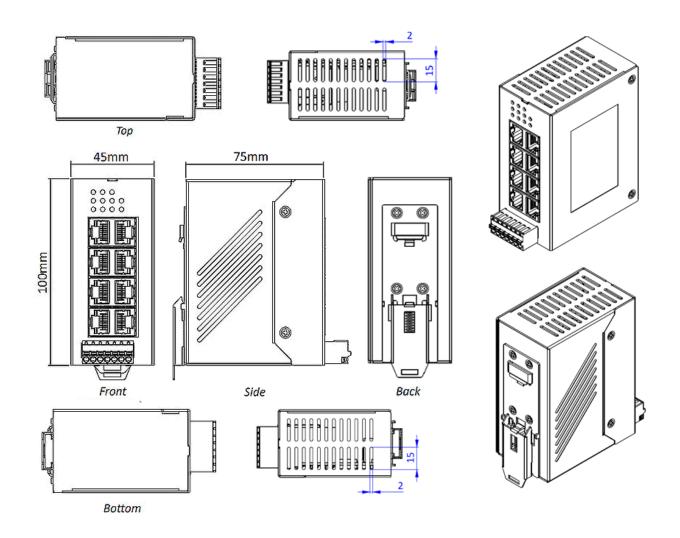
Interfaces	
RJ45	8 x RJ45 ports for 10/100/1000Base-T up to 100 meters (328 ft)
	Auto-negotiation
	Auto-MDI/MDIX-crossover for use with either crossover over straight-through cable types
	Ethernet isolation 1500 V
Alarm Contact	One relay output with current 0.5A@30V

Power			
Dual Power Input	12/24/48VDC (9-55VDC)		
Power Consumption	5.55W max		
Maximum Current Consumption @ 24VDC	0.16A @ 24VDC		
Power Connector	7-Pin Removable Terminal Block		
Overload Current Protection	2A fuse provides overload current protection		
Reverse Polarity Protection	The positive and negative inputs can be reversed providing safe and simple power connectivity.		
Switch Properties			
Standards	IEEE 802.3 10BASE-T		
	IEEE 802.3u 100BASE-TX/FX		
	IEEE 802.3az Energy Efficient Ethernet		
	IEEE 802.1p Quality of Service (QoS)		
	Store-and-Forward		
Processing Type	Auto Negotiation		
	Half-duplex back-pressure and IEEE		
	802.3x full-duplex flow control		
	Auto MDI/MDIX		
MAC Address Table Size	4K		
Packet Buffer Memory	1.5 Mbit		
Jumbo Frame Size	9216 bytes		
Forward/Filtering Rate	14,880pps for 10Mbps		
	148,810pps for 100Mbps		
	1,488,100pps for 1000Mbps		
Indicators			
Power LED 1	This LED is green when power is applied		

Power LED 2	This LED is green when power is applied			
Fault LED	This LED is red when a fault is detected			
RJ45 / SFP Ethernet LED	These LED is solid green for established link and bllinks green when activity is detected (per port)			
Environmental Specificat	tions			
Operating Temperature Ranges	IDS-108GE: -10 to 60°C (14 to 140°F)			
	IDS-108GE-XT: -40 to 75°C (-40 to 167°F)			
Storage Temperature Range	-40 to 85°C (-40 to 185°F)			
Operating Humidity Range	5% to 90% non-condensing			
Storage Humidity Range	5% to 95% non-condensing			
Operating Altitude	Up to 3,048 meters (10,000 feet)			
Din Rail Mountable	DIN Rail attachment included. Mounts to standard 35 mm DIN rail in accordance with DIN EN 60175.			
Maximum Heat Output	18.926 BTU/Hr			
	3093836 hours			
MTBF	MTBF Calculation model based on MIL-HDBK-217-FN2 @ 25°C			
Product Weight and Dime	ensions			
Weight	0.336 Kg, 0.74 lbs			
Dimensions	45x75x100mm (W x D x H)			
Dimensions	(1.77"x2.95"x3.94")			
Packaging				
Shipping Weight	336g (0.74lbs)			
Shipping Dimensions	45x75x100mm, 1.77"x2.95"x3.94" (W x D x H)			
	Industrial Ethernet Switch with DIN Rail attachment			
Contents Shipped	Industrial Ethernet Switch with DIN Rail attachment Terminal block			

Standards and Certific	cations
Safety	UL 61010
	FCC Part 15 Class A
	VCCI Class A
EMC Emissions	EN 61000-6-4
	ICES-003
	EN 55032
EMC Immunity	EN 61000-6-2
	EN 61000-4-2 (ESD)
	EEN 61000-4-3 (Radiated RFI)
	EN 61000-4-4 (Burst)
	EN 61000-4-5 (Surge)
	EN 61000-4-6 (Induced RFI)
	EN 61000-4-8 (Magnetic field)
Industrial	EN 50121-4
Environmental Test	IEC 60068-2-6 Fc (Vibration)
Compliance	IEC 60068-2-27 Ea (Shock)
Environmental	Reach, RoHS and WEEE Compliant
Other	ECCN: 5A991
	HTSUS Number: 8517.62.0020
	5 year warranty

IDS-108GE Industrial Gigabit Switches



Product Image	Description	Power Cord	Product Number
HHH	IDS-108GE Industrial Gigabit Switch with 8 x 10/100/1000Mbps RJ45 Ethernet ports10 to 60C operating temperature.	None	07017360
	IDS-108GE-XT Industrial Gigabit Switch with 8 x 10/100/1000Mbps RJ45 Ethernet ports40 to 75C operating temperature.	None	07017380