



FEATURE HIGHLIGHTS

- 8x 10/100/1000BaseT (X) (RJ45)
- Support IEEE 802.3/ 802.3u/ 802.3x/ 802.3ab
- 10/100/1000M, Full/Half-Duplex, MDI/MDI-X auto-detection
- Profinet Packet Prioritization according to 802.1p
- Redundant dual DC power inputs
- Operating temperature ranges from 0 to +60°C
- Rugged plastic housing
- DIN-Rail or wall mounting ability

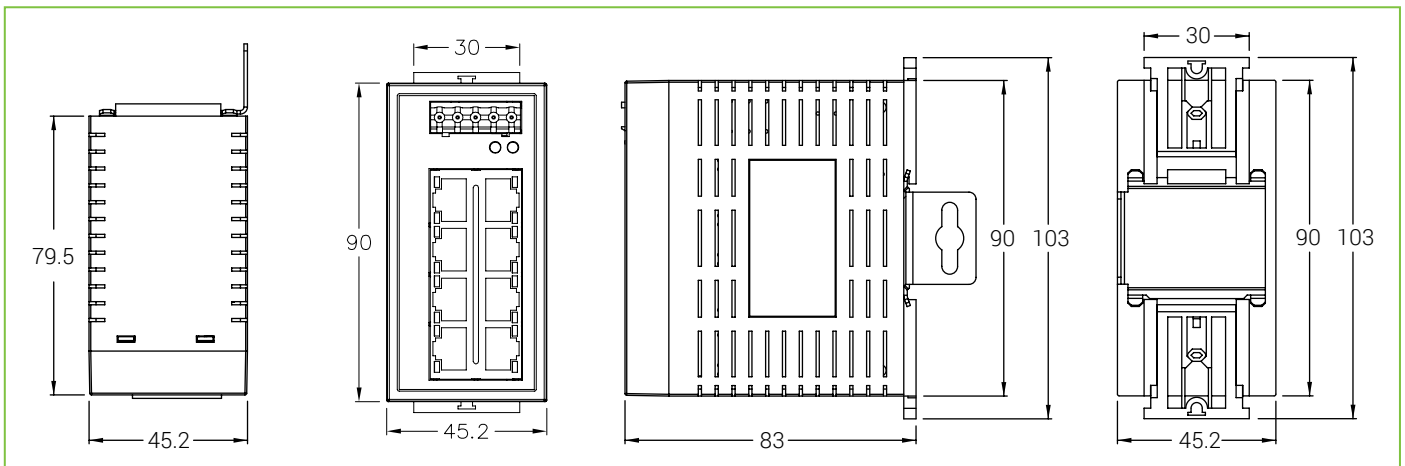
PRODUCT DESCRIPTION

EHG2008 is designed specifically for industrial applications in hazardous environments, offering 8 RJ-45 Gigabit ports as well as compliance with CE, FCC, UL, RoHS and REACH standards.

Reliable: Its two redundant power inputs can be connected simultaneously to wide-range DC power sources. If one of the power inputs fail, the other live source takes over automatically, preventing interruptions to critical operations.

Efficient: Although it is unmanaged, EHG2008 embeds an advanced Packet Prioritization feature. By reading the QoS field inside the VLAN tag of the packet, it prioritizes those packets that must reach the end device first. In Profinet-based Industrial Automation applications, for example, this feature helps ensure minimal delay on key commands, even during network congestion.

DIMENSIONS & LAYOUT



SPECIFICATIONS

Technical Specifications	
Model Name	EHG2008
Standards	IEEE802.3, 802.3u, 802.3ab, 802.3x
Processing Type	Store and Forward
Flow Control	IEEE802.3x flow control, backpressure flow control
Interface	
RJ-45 Ports	10/100/1000BaseT (X) auto negotiation speed Full/Half-duplex mode, and auto MDI/MDI-X connection
LED Indicators	Power, LAN (10/100/1000M)
Power	
Input	9-48 VDC, Dual inputs
Consumption	4 Watts Max
Connector	Removable 5-pin Terminal Block for power input
Reverse Polarity Protection	Present
Environment	
Operating	0°C to +60°C (32°F to +140°F)
Storage	-20°C to +70°C (-4°F to +158°F)
Ambient Relative Humidity	5% to 95% non-condensing
Physical	
Housing	IP40 protection, plastic housing
Dimension	45.2mm x 90mm x 83mm (W x H x D)
Weight	150g Max

REGULATORY APPROVALS

Approval	
UL (Safety)	UL/IEC 60950-1, UL/IEC 62368-1
FCC (EMI)	FCC 47 CFR Part15, Subpart B, Class A
CE (EMI)	EN55032:2012/AC:2013 Class A EN61000-3-2:2014 EN61000-3-3:2013 EN61000-6-4:2007
CE (EMS)	EN55024:2010/A1:2015 IEC 61000-4-2:2008-12 IEC 61000-4-3:2010-04 IEC 61000-4-4:2012-04 IEC 61000-4-5:2014 IEC 61000-4-6:2013-10 IEC 61000-4-8:2009-09 IEC 61000-4-11:2004-03 EN61000-6-2:2005/AC:2005
Shock	IEC 60068-2-27
Drop	ISTA Test Procedure 2A
Vibration	IEC 60068-2-64
RoHS	Lead (Pb) Free
MTBF (MIL-HDBK-217F)	434684 hrs (25°C) / 49.62 years (25°C)
Warranty	5 years

ORDERING INFORMATION

Ordering information

Model name	Part Number	Description
EHG2008	1P1EHG20080001G	Industrial 8-port Unmanaged Gigabit Switch with 8x 10/100/1000 RJ45

Optional Accessories

Model name	Part Number	Description
UN315-1212 (US-Y)	50500151120003G	Y-Type power adapter, 100-240VAC input, 1.25A @ 12VDC output, US plug, LV6
UNE315-1212 (EU-Y)	50500151120013G	Y-Type power adapter, 100-240VAC input, 1.25A @ 12VDC output, EU plug, LV6