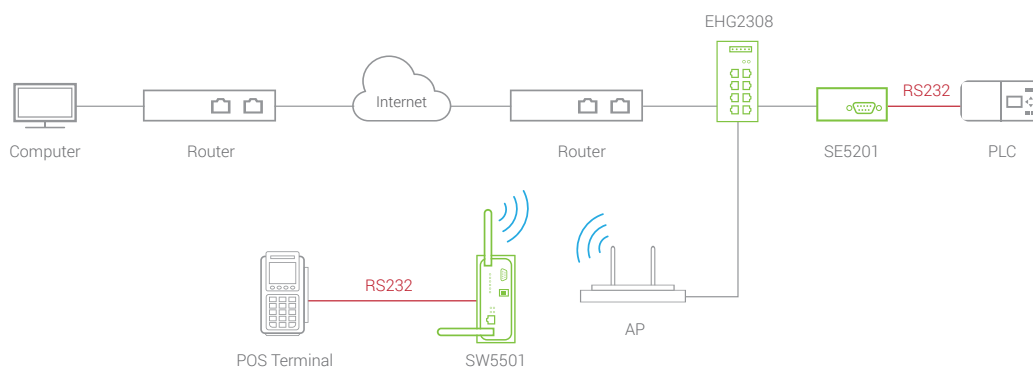## FEATURE HIGHLIGHTS

- 8 x 10/100/1000 BaseT (X) (RJ45)
- 10/100/1000M Full/Half-Duplex, MDI/MDI-X auto-detection
- Support IEEE 802.3/ 802.3u/ 802.3x
- Profinet Packet Prioritization according to 802.1p
- Redundant DC power inputs
- Operating temperature ranges from -10°C to +70°C
- Rugged high-strength housing
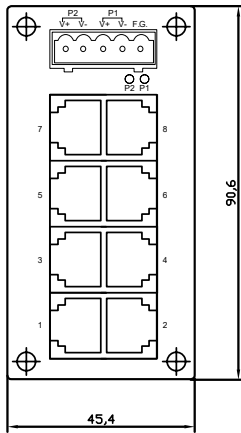- DIN-Rail or wall mounting ability

PRODUCT DESCRIPTION

EHG2308 is designed specifically for industrial applications in hazardous environments, offering 8 RJ-45 Gigabit ports as well as compliance with CE, FCC, UL, IP50 and RoHS 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.
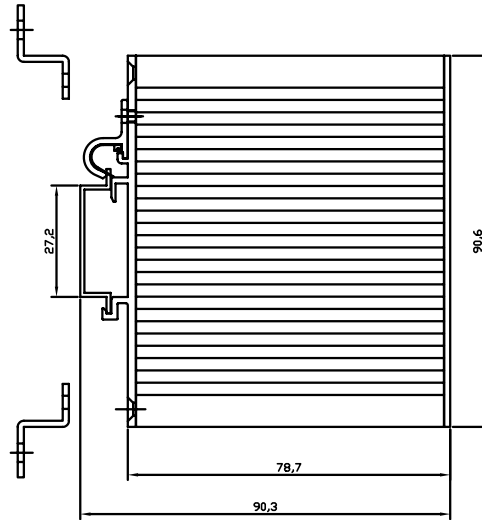
Efficient: Although it is unmanaged, EHG2308 embeds an advanced Packet Prioritization feature. By reading the QoS field inside the VLAN tag of the packet, it prioritizes those packets that must reach the end device first. In Profinet-based Industrial Automation applications, for example, this feature helps ensure minimal delay on key commands, even during network congestion.

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DIMENSIONS & LAYOUT

Front-panel front view

45,4

90,6

P2 P1 F.G.
V+ V- V+ V-
P2 P1

7 | 8
5 | 6
3 | 4
1 | 2

(Mount kit) Housing side view

27,2

90,6

78,7

90,3

Backboard rear view

Ø4,5

90,6

103,2

115,2

32,2

45,4

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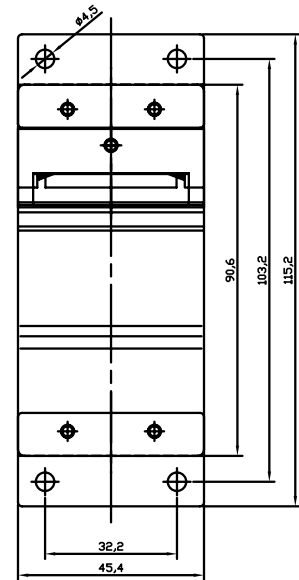
SPECIFICATIONS

Technical Specifications	
Model Name	EHG2308 Series
Ethernet	
Connector	RJ45
Ports	8
Transmission Rate	10/100/1000 Mbps
Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T
Flow Control	IEEE802.3X flow control, back-pressure flow control
Jumbo Frame Size	Up to 9216 byte
Auto MDI/MDI-X	Yes
Power	
Input Voltage	9-48 VDC
Input Current	0.45 A
Power Consumption	4.05 Watts Max
Connector	5.08mm 5 pin Terminal Block
Reverse Polarity Protection	Yes
Redundancy	Yes
Physical Characteristics	
Housing	IP50 protection, aluminum housing
Installation	DIN Rail, Wall mount (optional)
Dimension (W x H x D)	45.2 x 90 x 78 mm
Weight	255 g
Warranty	5 years
Environmental Limits	
Operating Temperature	-10°C to +70°C (14°F to +158°F)
Storage Temperature	-40°C to +85°C (-40°F to +185°F)
Ambient Relative Humidity	5% to 95% RH (Non-condensing)

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REGULATORY APPROVALS

Regulatory Approvals	
Safety	UL60950-1 2nd Ed. / CSA C22.2 No.60950-1-07 2nd Ed. / CB (IEC60950-1 / IEC62368-1)
FCC (EMI)	FCC Part 15, Subpart B, Class A
CE (EMI)	European Standard EN55032:2012+AC:2013 Class A.
	EN61000-3-2:2014, EN 61000-3-3:2013
CE (EMS)	EN55024:2010
	IEC 61000-4-2:2008, IEC61000-4-3:2006/A1:2007/A2:2010, IEC 61000-4-4:2012
	IEC 61000-4-5:2014, IEC 61000-4-6:2013
	IEC 61000-4-8 :2009, IEC 61000-4-11:2004
High Altitude	Certified for 4000 m altitude according to IEC 60068-2-13
RoHS	Lead (Pb) Free
MTBF	472359.98 hrs (25°C) / 53.92 years (25°C)
IP Protection	IP50 IEC/EN60529

ORDERING INFORMATION

Optional Accessories		
Model name	**Part Number**	**Description**
EHG2308	1P1EHG23080001G	T, 8P x 10/100/1000M, RJ45, TB5, G

Optional Accessories		
Model name	**Part Number**	**Description**
Aluminum Wall Mount Kit	70100000000043G	45.4 x22.8 x1.5 Aluminum wall mount with screw
AXFD-1314-0523	522AXFD1314001G	SFP Transceiver, 155 Mbps, multi-mode, 1310 nm, 2 km, -40°C to +85°C, DDMI
AXFD-1314-0553	522AXFD1314011G	SFP Transceiver, 155 Mbps, single-mode, 1310 nm, 30 km, -40°C to +85°C, DDMI
UN315-1212 (US-Y)	50500151120003G	Y-Type power adaptor, 100-240VAC input, 1.25A @ 12VDC output, US plug, LV6
UNE315-1212 (EU-Y)	50500151120013G	Y-Type power adaptor, 100-240VAC input, 1.25A @ 12VDC output, EU plug, LV6

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