



NETLANCE ES-A08G1-MU

Industrial Automation Ethernet Switch

- Unmanaged Industrial Automation Ethernet Switch
- 8x 10/100/1000BaseT(X) (RJ45)
- Broadcast storm protection
- Supports IEEE 802.3/ 802.3u/ 802.3x
- QoS and packet prioritization according to 802.1p and **Profinet CC-A** requirements
- 10/100/1000M, Full/Half-Duplex, MDI/MDI-X auto-detection
- Redundant dual DC power inputs 9~48 VDC (4.05W)
- Operating temperature ranges from -10° ~ +70°C
- Rugged high-strength housing
- DIN-Rail or wall mounting ability



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
Auto MDI/MDI-X	Yes
Flow Control	IEEE802.3X flow control, back-pressure flow control
Jumbo Frame Size	Up to 9216 byte

POWER

Input Voltage	9 ~ 48 VDC
Input Current	0.45A
Power Consumption	4.05 W Max
Connector	5.08mm 5-pin Terminal Block
Reverse Polarity Protection	Yes
Redundancy	Yes

PHYSICAL CHARACTERISTICS

Housing	IP30 protection, aluminum housing
Dimension (W x H x D)	45,2 mm x 90mm x 78 mm
Weight	255g
Installation	DIN-Rail, Wall mount (optional kit)
Reset Button	No
Warranty	5 years

ENVIRONMENTAL LIMITS

Operating Temperature	-10°C ~ +70°C (14° ~ 158°F)
Storage Temperature	-40° ~ +85°C (-40°~ 185°F)
Ambient Relative Humidity	5 ~ 95%RH (Non-condensing)

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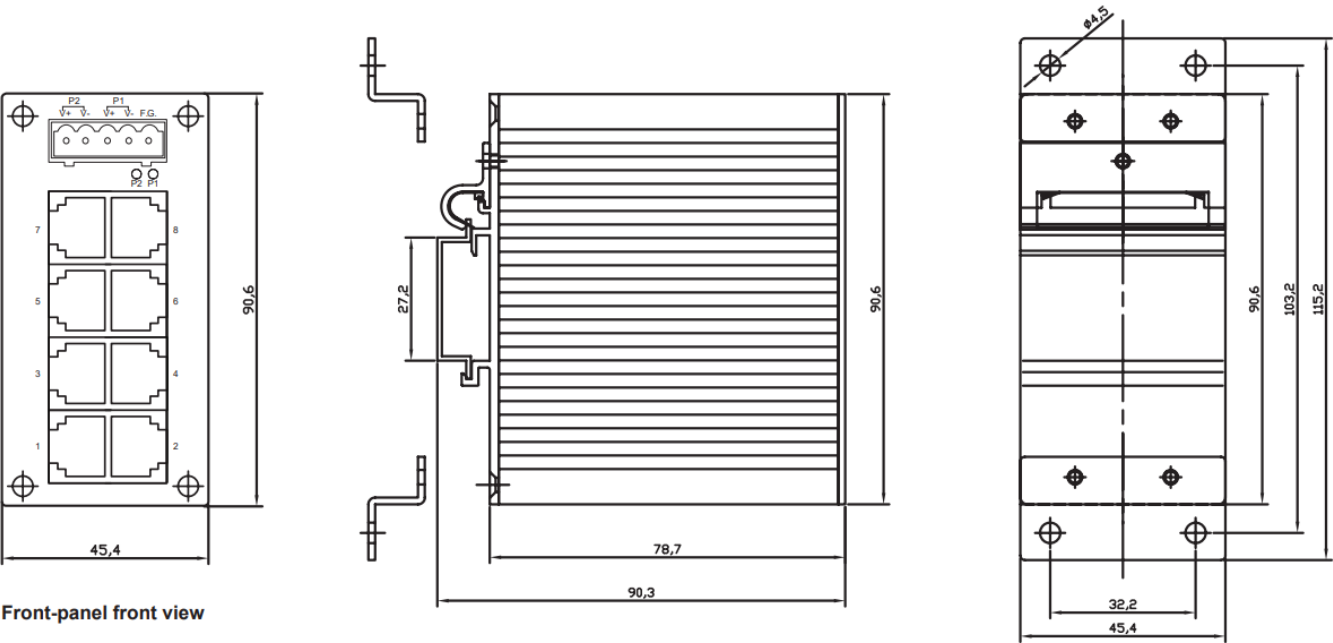


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REGULATORY APPROVALS

FCC (EMI)	FCC Part 15, Subpart B, Class A
CE (EMI)	EN55032:2012+AC:2013 Class A. EN61000-3-2:2014, EN 61000-3-3:2013
CE (EMS)	EN55024:2010 (IEC 61000-4-2:2008) IEC 61000-4-3:2006/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
Shock	IEC 60068-2-27
Drop	IEC 60068-2-32(ISTA Test Procedure 2A)
Vibration	IEC 60068-2-64
High Altitude	Certified for 4000m altitude according to IEC 60068-2-13
RoHS	Lead (Pb) Free
MTBF	472359.98 hrs (25°C) / 53.92 years (25°C)
IP Protection	IP40 IEC/EN60529



RJ45								
	10/100BASE-T(X)							
Pin	1	2	3	4	5	6	7	8
Signal	TP1+	TP1-	TP2+	TP2-	TP3+	TP3-	TP4+	TP4-

Power Pin	1	2	3	4	5
	P2+	P2-	P1+	P1-	F.G.

ORDER CODE: **ES-A08G1-MU**
INDATECH NETLANCE - Unmanaged Industrial Automation Ethernet Switch, 8x 10/100/1000 BaseT(X), Rugged aluminum housing, IP30, Redundante with Reverse Polarity Protection 9~48VDC