

Unmanaged Fast Ethernet Switch

LOYDVS-008100

Datasheet #89064123



The LOYDVS-008100 is an unmanaged 8-Port Fast Ethernet Switch with enhanced hardware design, packet protection and compatibility with multiple industrial communication standards. The LOYDVS-008100 features wide operating temperature range from -10°C to 60°C, and it is UL, CE, and FCC certified.

Features

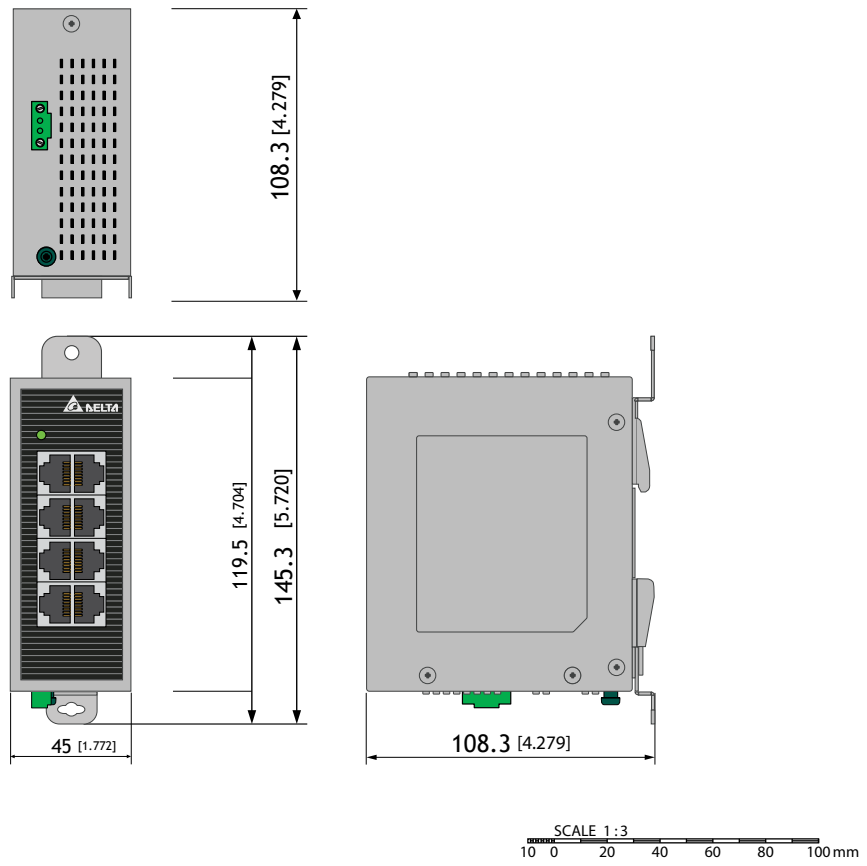
- 12 to 48 VDC terminal block power input
- Compatible with various industrial protocols of EtherNet/IP, Profinet, CC-LINK IE and DNP 3.0

Specifications

Type	LOYDVS-008100
Dimensions (mm)	45 x 108.7 x 145.3 (L x W x H), DIM056
Weight (g)	300
Standard Compliance	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-T(X) and 100Base-FX, IEEE 802.3x Flow Control
Interface	Fast Ethernet Ports, RJ45 Ports: 8 x 10/100Base-T, auto MDI/MDI-X, auto negotiation
Performance and Scalability	Switching Capacity: 1.6Gbps Forwarding Rate: 2.4Mpps MAC Address Table: 8K Packet Buffer Memory: 1M bits
Power Requirements	Input Voltage: 1 set, 12 to 48 VDC terminal block input Input Current: Max. 0.18A Overload Current Protection, max. input current 3A Reverse Polarity Protection Buffer Time: min. 10ms at 24 VDC
Housing	IP40 aluminum metal case
Installation	Industrial DIN-Rail and wall mounting
Operating conditions	-10°C to 60°C, (14 °F to 140 °F) Storage Temperature: -40°C to 85°C, (-40 °F to 185 °F) Ambient Relative Humidity: 5% to 95% (non-condensing)
Approvals	Safety: UL 508, EN 60950-1, IEC 61131-2 EMI: FCC 47 CFR Part 15 Subpart B Class B, IEC 61000-6-4, EN 55022 EMS: IEC 61000-6-2
Order number	Product description
LOYDVS-008100	Unmanaged 8-Port Fast Ethernet Switch

Dimensions of the devices in mm and [inch]

DIM056 LOYDVS-008I00



The products of LOYTEC electronics GmbH are subject to constant development. Therefore, LOYTEC reserves the right to modify technical specifications at any time without prior notice. The most recent datasheet can be downloaded from www.loytec.com.