Unmanaged 8 port Ethernet Switch

SDI-880

- Basic automation connectivity solution
  - 8 10/100 Base T ports
  - 100 Mbit full wire speed
  - Transparent to automation Ethernet protocols
  - Quality of Service for packet precedence
- Designed for easy industrial installation
  - DIN rail mount
  - Dual 10 to 60 VDC power supply
  - Fault relay alarm
- Operation within industrial environments
  - –25 to +70°C (–13 to +158°F) operating temperature
  - IP31 aluminum case
  - AC 1.5 kV insulation
- Easy configuration and use
  - DIP switch fault contact configuration
  - No user set up required
  - Broadcast storm filter

CE FC Part 15 EN 61000-6-2 Industrial Immunity EN 61000-6-4 Industrial Emission

The SDI-880 is a simple and cost effective unmanaged switch suitable for use in a wide range of factory and building automation applications. A high speed switch core ensures full speed on all ports and transparency to any Ethernet protocol.

The unit is designed for DIN rail mounting into industrial cabinets allowing simple Ethernet connections to be established between PLCs, I/O units, drives, inverters and HMIs.

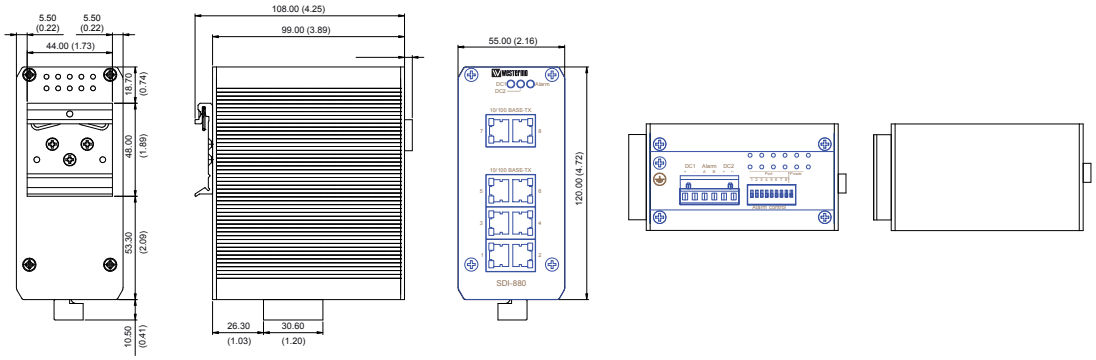
The highly industrial design with a robust aluminum housing, strong EMC and wide temperature range, combined with features like redundant power supply, Quality of Service and fault relay, make the SDI-880 an ideal component in automation solutions.

The SDI-880 is easy to use, simply connect power to the screw terminals and plug in your RJ-45 cables. If you plan to use the fault contacts a DIP switch allows configuration whilst LEDs provide simple diagnostics. A broadcast storm filter helps out if a loop is created by mistake.

Ordering Information	
Art.no	**Description**
3625-0100	SDI-880

Specifications SDI-880

Dimensional drawing



Dimension W x H x D	55 mm x 120 mm x 108 mm
Weight	0.5 kg
Degree of protection	IP31

Power	
Operating voltage	10 – 60 VDC
Rated current	125 mA @ 24 V

Interfaces	
Ethernet	8 x 10/100 Base-TX with Auto MDI/MDI-X, Auto-Negotiation function
Alarm relay	1 x Terminal block connector with 1 A @ DC 24 V carry ability

Temperature	
Operating	–25 to +70°C (–13 to +158°F)
Storage & Transport	–40 to +85°C (–40 to +185°F)

Agency approvals and standards compliance	
EMC	FCC part 15 class A EN55022 Emission IT equipment EN50121-4 Railway signalling and telecommunications apparatus EN 61000-6-2 EN 61000-6-4