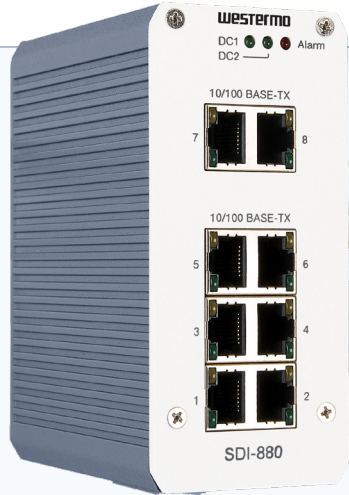# WESTERMO

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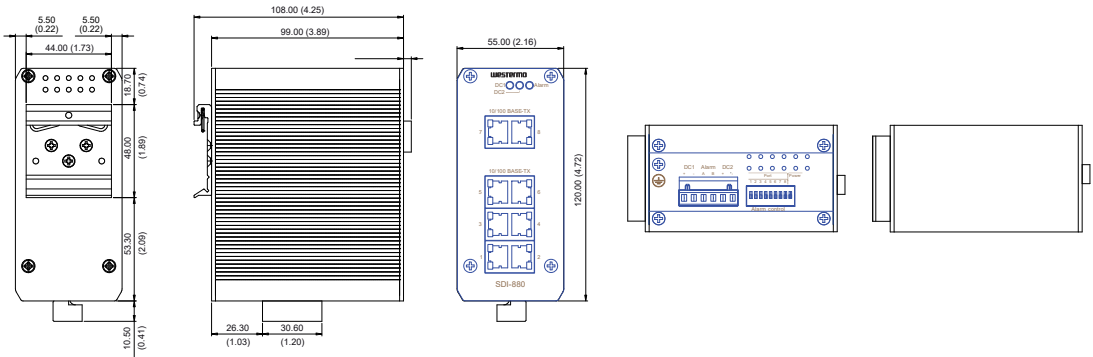
The SDI-880 is easy to use, simply connect power to the screw terminals and plug in your RJ-45 cables. If you plan to use the fault contacts a DIP switch allows configuration whilst LEDs provide simple diagnostics. A broadcast storm filter helps out if a loop is created by mistake.

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	EN 55032, Electromagnetic compatability of multimedia equipment - Emission requirements
	EN 55035, Electromagnetic compatability of multimedia equipment - Immunity requirements
	EN 61000-6-2, Immunity industrial environments
	EN 61000-6-4, Emission industrial environments
	FCC part 15 class A