

**RoHS
Compliant**

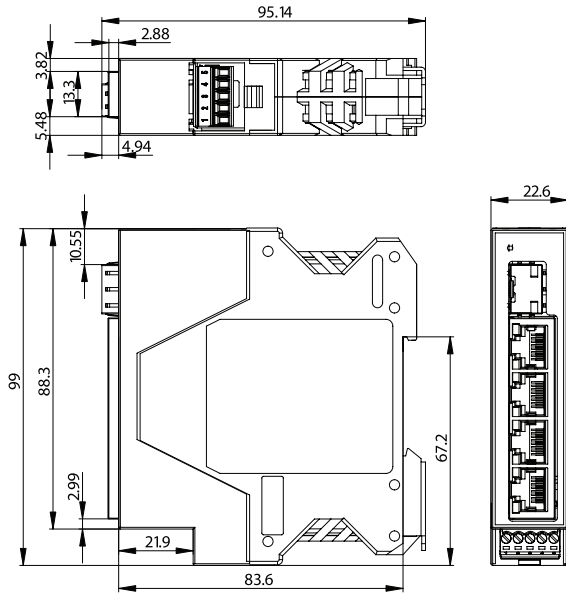


Features

- Fast, low cost, future-proof way to deploy long network segments
- Connect to wide variety of fibre optic and copper cable types
- High speed data connection over extended distances
- Reduce susceptibility to electromagnetic interference
- Industrial temperature range: -40°C to +80°C/-40°F to +176°F - works in extreme conditions
- Jumbo Frame support up to 9K frames
- Integral DIN mount
- SFP Port Power Overcurrent protection

| Specifications | |
|---|---|
| Connectors | |
| Screw Terminals | 3.5mm pitch, #22 - #14, 0.5mm ² -2.5mm ² pin power supply |
| Wire Thickness | 0.15inch, 3.81mm, 20 pins, 12+8 screw terminals, #26 - #16 AWG, 0.14mm ² to 1.3mm ² |
| Power Supply | |
| Power Consumption | 4.2W |
| Power Supply input | Unregulated +5V to +30V DC, reverse polarity protection |
| Isolation | 1500VRMS Magnetic Isolation from Twisted Pair Ethernet |
| Environmental | |
| Operating Temperature | -40°C to +80°C / +40°F to +176°F |
| Storage Temperature | -40°C to +80°C / +40°F to +176°F |
| Ambient Relative Humidity | 5 to 95% (non-condensing) |
| SFP/Power Led | Magjack LEDs |
| Power on: Green | Connection established |
| SFP plugged in: Amber | Data communication |
| SFP activity: Amber Flashing SFP Error/Incompatible: Green/Amber Flashing | <div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>Speed Yellow: 1000Mbps Green: 100Mbps</p> </div> <div style="flex: 1; text-align: center;"> </div> </div> |
| Ethernet | |
| Ethernet Port | 4 x RJ45 jack, 10/100/1000Mbps autosensing, crossover auto sensing (Auto MDIX) 1 x SFP Base 1000x Port |
| Protection | 1,500 Volts magnetic isolation between ports |
| Housing | IP-20 rated non-conducting polyamide case |

Diagram



Power Terminal Pin Outs

| Pin | Function |
|-----|------------------|
| 1 | -V |
| 2 | +VA |
| 3 | +VB |
| 4 | -V |
| 5 | Functional Earth |

Ethernet Ports × 4 Pin Outs

| PIN | Function |
|-----|----------|
| 1 | TxRxA+ |
| 2 | TxRxA- |
| 3 | TxRxB+ |
| 4 | TxRxC+ |
| 5 | TxRxC- |
| 6 | TxRxB- |
| 7 | TxRxD+ |
| 8 | TxRxD- |

Part Number Table

| Description | Part Number |
|---|-------------|
| Industrial 1 SFP and 4 Port Gigabit Ethernet Switch | MP-584 |

Dimensions : Millimetres

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