



8-Port Industrial Gigabit DIN-Rail Mini Switch

TI-GLC80 (v1.xR)

- 8 x Gigabit ports
- Hardened IP30 rated metal mini switch
- Extreme operating temperature range of -40° – 75°C (-40° – 167°F)
- 16Gbps switching capacity
- Includes DIN-Rail mount and wall mount brackets
- Power supply sold separately (model: TI-M6024)
- NDAA / TAA compliant

TRENDnet's 8-Port Industrial Gigabit DIN-Rail Mini Switch, model TI-GLC80, is a reliable and rugged networking solution that is designed for use in both extreme and demanding environments. This compact industrial switch features a rugged IP30 rated metal enclosure, and is designed to withstand a high degree of vibration and shock, while operating in both high and low temperatures for industrial environments within -40° – 75° C (-40° – 167° F). The hardened industrial mini switch features eight copper Gigabit ports for high-speed device connections. The mini-sized housing is designed to fit into most compact installation areas.



Gigabit Ports

This compact industrial switch features eight copper gigabit ports for high-speed device connections.



Industrial Hardened Design

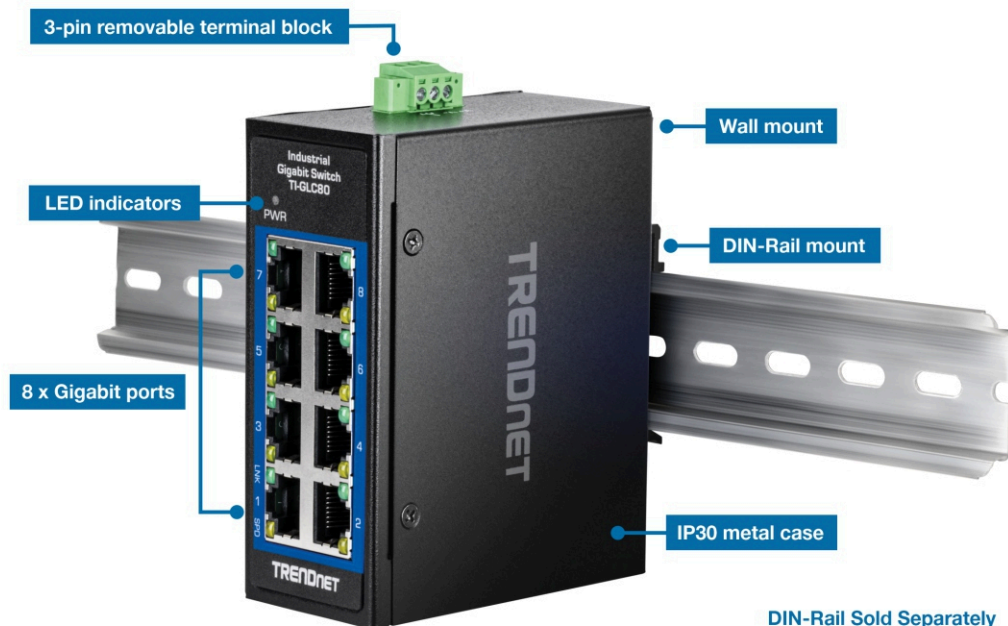
Equipped with a rugged IP30 rated housing, designed to withstand a high degree of vibration and shock, and operate within an extreme temperature range of -40° – 75° C (-40° – 167° F).



Compact Design

With a compact metal housing design, this mini network switch is well-suited for installations into most environments. Its fanless design is perfect for quiet environments that require silent operation.

NETWORKING SOLUTION



FEATURES



Gigabit Ports

This small industrial switch is equipped with eight gigabit Ethernet ports



DIN-Rail / Wall Mounts

IP30 rated metal enclosure on the compact industrial switch, with included DIN-Rail mount and wall mount hardware



Mini Housing Design

Compact and sturdy metal housing



Jumbo Frame

Supports larger packets, or Jumbo Frames (up to 9KB), for increased performance



Operating Temperature Range

Operating temperature range of 40° – 75° C (-40° – 167° F) allows for the installations of the compact industrial switch in environments with extreme hot or cold conditions



Shock and Vibration Resistant

Rated for shock (EN 60068-2-27), freefall (EN 60068-2-32), and vibration (EN 60068-2-6)



Electro Magnetic Compliance

Complies with industrial EMS certifications (IEC 61000-4-2)

ESD:

Contact: 6kV | Air: 8kV, (IEC

61000-4-4) EFT: Power: 2kV |

Signal: 2kV, (61000-4-5) Surge:

Power: 2kV | Signal: 2kV



Grounding Point

The compact industrial switch features a grounding point for protection against external electrical surges

SPECIFICATIONS

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.3x

Device Interface

- 8 x Gigabit ports
- 3-pin removable terminal block
- LED indicators

Data Transfer Rate

- Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)
- Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)
 - Gigabit: 2000Mbps (full duplex)

Performance

- Data RAM Buffer: 125KB
- Switching Fabric: 16Gbps
- MAC Address Table: 4K entries
- Jumbo Frame: 9KB
- Forwarding rate: 11.58Mpps (64-byte packet size)

Special Features

- Hardened components rated for extreme temperatures
- Auto-Negotiation
- Auto store and forward architecture
- Automatic address learning and address aging
- ESD 6KV protection

Power

- Input: 9.6 - 60V DC
- Compatible power supply: TI-M6024 (sold separately)
 - Max. consumption: 3.36W

Terminal Block

- 3-pin terminal block
- Wire range: 1.5mm²
- Solid wire (AWG): 16-28
- Stranded wire (AWG): 16-28
- Torque: 3 lb. – in / 0.2Nm / 0.56Nm
- Wire strip length: 6-7mm

MTBF

- 556,940 hours

Housing

- IP30 metal case
- DIN-Rail mount
- Wall mount
- Grounding point
- ESD 6KV protection

Operating Temperature

- -40° - 75° C (-40° - 167° F)

Operating Humidity

- Max. 95% non-condensing

Dimensions

- 100 x 80.5 x 39mm (3.93 x 3.16 x 1.53 in.)

Weight

- 356g (12.55 oz.)

Certifications

- CE
- FCC
- Shock (EN 60068-2-27)
- Freefall (EN 60068-2-31)
- Vibration (EN 60068-2-6)

Warranty

- 2 Years

Package Contents

- TI-GLC80
- Quick Installation Guide
- Removable terminal block
- DIN-Rail and wall mount kit

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.