NETWORK SWITCH

# 8-Port Industrial PoE++ Switch with SFP Uplinks

**Model** PS1802FE-HIB

Rugged 8-port Industrial HiPOE switch features 90W BT and SFP uplinks. IP40 DIN-rail mount with watchdog. Reliable for heavy industrial network integration use.

## Features

- 8FE+1GE+2GF HiPOE Harden Industrial PoE Switch
- Ports 1–2 support IEEE802.3bt up to 90W; ports 3–8 support IEEE802.3af/at
- Input Voltage: DC48-58V
- Rail-type installation.
- 1-2 ports support 90W, 3-8 ports support IEEE 802.3af/at
- With the Dial code switch, Watchdog+Extend+Vlan+Port Isolation
- IP protection level:IP40
- -30°C ~ 65°C working temperature

# Specification

MAXSOL South Africa

## Interfaces

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|---|---|
| Model | PS1802FE-HIB |
| Interfaces | 8 × 10/100Base-T/TX PoE ports (Data/Power)<br>1 × 10/100/1000Base-T RJ45 port (Data)<br>2 × 100/1000Base-X SFP ports (Data) |

## PoE & Network

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|---|---|
| PoE Ports | Ports 1–2: IEEE802.3bt, up to 90W; ports 3–8: IEEE802.3af/at |
| Network Protocol | IEEE802.3 10BASE-T<br>IEEE802.3u 100BASE-T/TX<br>IEEE802.3ab 1000BASE-T<br>IEEE802.3z 1000BASE-X<br>IEEE802.3u 100BASE-FX<br>IEEE802.3x |
| Topology Support | Ring: Unsupported<br>Star / Bus / Tree: Supported |
| PoE Standard | IEEE802.3af/at/bt |
| Features | Dial code switch supports port priority<br>PoE watchdog, 250m long-distance transmission, VLAN, Storm suppression |
| SFP Port | Gigabit SFP, optical module not included (optional: multi/single-mode, single/dual fiber) |
| Layer 2 Switching | Switching capacity: 7.6G<br>Forwarding rate: 5.65Mpps<br>MAC table: 16K<br>Buffer: 2K<br>Forwarding delay: <5μs<br>MDI/MDIX: Supported<br>Flow control: Supported<br>Jumbo frame: Supported 2K bytes |
| Cable & Transmission | Twisted-pair: 0–100m (CAT5e/6)<br>Monomode fiber: 20–100km<br>Multimode fiber: 550m |
| Power | Input: DC48–58V; main board: <10W |
| Environment | Operating: -30~+65°C<br>Storage: -40~+75°C<br>Humidity: 10–90% non-condensing<br>Cooling: Fanless, natural<br>MTBF: 100,000 hours |
| Mechanical | Size: 46×104×143mm (W×D×H)<br>Installation: DIN rail<br>Weight: ~0.55kg |
| EMC & Protection | IP Level: IP40<br>Surge Power: IEC61000-4-5 Level3 (4kV/2kV, 8/20μs)<br>Surge Ethernet: IEC61000-4-5 Level3 (4kV/2kV, 10/700μs)<br>ESD: IEC61000-4-2 Level4 (8kV/15kV) |

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| Certification | CCC/CE/FCC/RoHS |
| Warranty | 5 Years |
| Package Contents | Switch, DIN-Rail accessories, Quick installation guide |

# Contact us

Maxsol South Africa

**Email**

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