

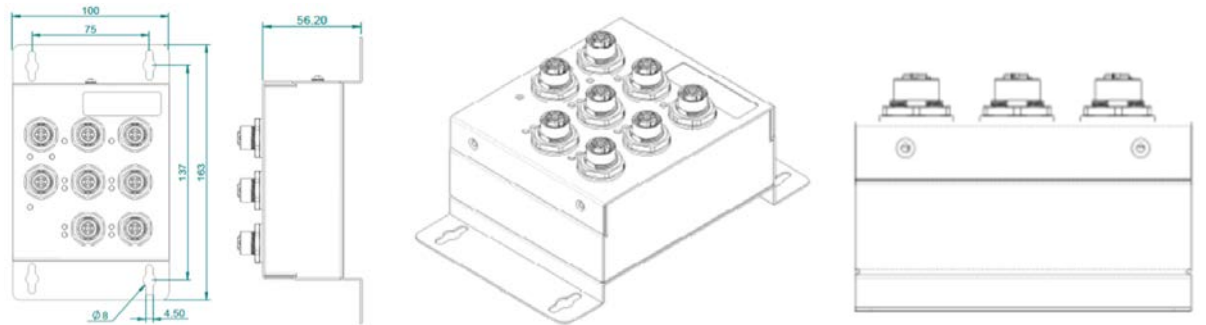


# PS3064DM

## M12 POE Switch 24VDC

This rugged designed high power 6 port industrial POE+ Injector is equipped with our high efficiency ColdDesign technology which accept input voltage from 24-56VDC to boost voltage to 55vdc to power up PDs in moving train or vehicle application and to reduce the excessive heat problem to a minimum. It is equipped with 4 port 30Watts 10/100M M12 PSE to meet IEEE802.3af/at 30Watts per port and 2 M12 uplink ports for your remote device. It is being rigorously tested for your Security, Transportation and Telco application.

### Dimension:



- ▶ Rugged Industrial 6 port 10/100M POE switch
- ▶ With 4 x 10/100M M12 PSE (IEEE802.af/at 30W) + 2x10/100M M12 (data)
- ▶ Power input 24-56 VDC with voltage booster
- ▶ Operating temp: -40°C to +75°C

## Technical Specifications

### M12 POE Switch 24VDC

Model#
PS3064DM

IEEE Standard
IEEE 802.3 10Base-T Ethernet with M12 connector / IEEE802.3at for POE+
IEEE 802.3u 100Base-TX Fast Ethernet with M12 connector
IEEE802.3x Flow Control and Back Pressure / IEEE802.3af for POE

Switch Architecture / Data Processing / Packet buffer size
Back-plane (Switching Fabric): 12Gbps / Store and Forward / 1M

Flow Control / MAC address table size
IEEE 802.3x Flow Control and Back Pressure / 1K

Network Cable
UTP/STP above Cat.5e Cable
EIA/TIA-568 10-ohm (100m)

Protocol
CSMA/CD

POE power
Input Voltage 24VDC-56VDC

Installation mounting
Wall Mounting

Network Interface
6xM12 10/100BaseT(X) auto negotiation
4 x M12 10/100M POE+ 802.3at/af PSE port
2 x M12 10/100M port
Auto MDI/MDI-X function, Full/Half duplex

Case Dimension (L x W x D)
163cm x 100cm x 56.2mm

### LED

M12 PW1(Power 1) Green, M12 PW2(Power 2) Green, SW( Relay) Amber, M12 port: Green --- LNK (Link/Active), Amber --- POE link
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Reserve polarity protection & Overload current protection
Present

Power supply
Redundant Dual DC24V-56V Power Input

Alarm Relay Contact
Relay outputs with current carrying capacity of 1 A @24VDC, Relay in open circuit mode when 2 powers are connected. In short circuit mode when only one power supply is connected

Power consumption
3.76W@48 VDC full load, Without POE / Max 126W @ 24VDC full load with POE

Housing
Rugged Metal ,IP40 Protection

Operating temperature / Operating Humidity / Storage temperature
-40°C ~75°C fully tested / 5% to 95% (Non-condensing) / -40°C ~85°C

MTBF (mean time between failure)
510,304 hrs ( MIL-HDBK-217F) at 25°C

Certifications	
EN55022/24	ITE equipment
EN55011	Industrial, Scientific and Medical (ISM) equipment
Safety / EMC/EMS	IEC EN60950-1, CE, FCC, VCCI
EMI	FCC Part 15 Subpart B Class A, CE EN 55022 Class A
EN 50155 / EN 60068-2-6	Vibration
EN 50155 / EN 60068-2-27	Shock
EN 50155 / EN 60068-2-32	Free Fall