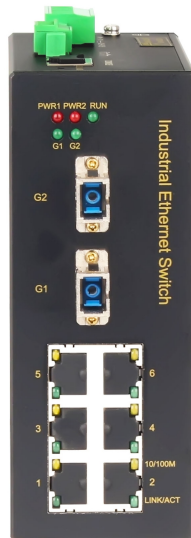


## MISCOM7208BP-2GTS

### 8-Port Gigabit BY-PASS Managed Industrial Ethernet Switch

#### Product description

MISCOM7208BP Gigabit optical road bypass managed din-rail Industrial Ethernet Switch is designed and developed for industrial high-speed communication network applications. It provides a high-end industrial Ethernet communication solution for flexible industrial applications. It breaks through the 10/100M backbone network communication bottleneck and provides 2 Gigabit fiber ports and 6x10/100M copper ports.



#### Features:

- 2 Gigabit fiber ports +6x10/100M copper ports
- Support indicator status display (maintain network connectivity when the in-line system fails)
- Support static multicast/IGMP Snooping
- Support broadcast storm suppression/ Rate limit
- Support industrial grade dual power input backup
- Support independent dual redundant power supply configuration
- Support power loss, fiber drop, broadcast storm alarm output
- Support VLAN/Qos/Port link aggregation/port mirroring
- Industrial grade wide temperature/ fanless design

## Product specifications

### Software performance

Redundancy protocol	Support MW-Ring and the recovery time<20ms. Support STP/RSTP
Multicast routing	Support IGMP snooping/ IGMP v1/v2 Support GMRP Support static multicast
Management and maintenance	Support Console and Web management methods Support SNMPv1/v2c Support unified PC software management

### Technical specifications

Ethernet Standard	IEEE802.3-10BaseT IEEE802.3u-100BaseTX/100Base-FX IEEE802.3x-Flow Control IEEE802.1D-Spanning Tree Protocol IEEE802.1w-Rapid Spanning Tree Protocol IEEE802.1Q -VLAN Tagging IEEE802.1p -Class of Service IEEE802.1X-Port Based Network Access Control
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### Switch properties

Priority queue	4
VLAN number	4096
IGMP Groups	256
MAC table	8k
Switch Bandwidth	5.2Gbps
Switch Delay	<5μs

### Interface

Gigabit ports	Port numbers: 2 Connector: 2 SC connector Single fiber bidirectional SFP Baud rate: 1000Base-LX(Fiber port)
10/100M Base port	Port numbers: 6 Connector: RJ45 100Base-Tx Baud rate: adaptive 10/100MBase-Tx
Terminal block for power input	5.08mm terminal block
Terminal block for relay alarm	3.81mm terminal block,1A@24VDC

## Communication distance

Twisted-pair	100m(CAT5/CAT5e cable)
Fiber	20km/40km/60km/80km

## LED indicator lights

	Port light: LINK/ACT; SPEED
Front panel LED	Running light: RUN
	Power LED: PWR1/PWR2

## Power Requirements

Power input	DC12-48V(support dual power Redundant input)
Full-load consumption	<6W
Overload protection	support
Inversed protection	support
Redundancy protection	support

## Working Environment

Operating Temperature	-40°C~85°C
Storage temperature	-40°C~85°C
Ambient Humidity	5%~95%( non-condensing)

## Physical Characteristics

Shell	IP40 protection, aluminum alloy shell
Installation	35mm din rail-mounted installation
Dimension	54mmx138mmx110mm

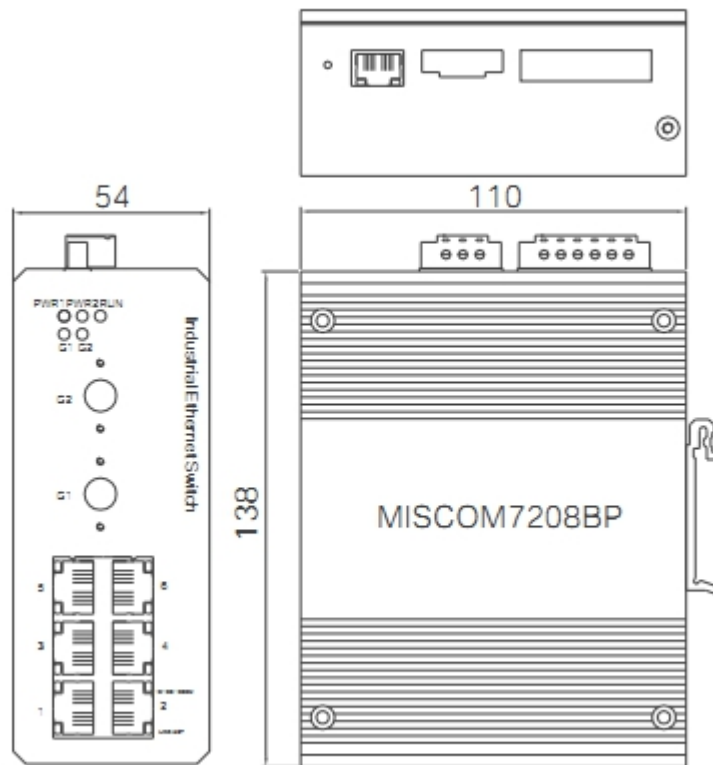
## Industry standard

EMC	EN61000-4-2(ESD), Level 4
	EN61000-4-3(RS), Level 4
	EN61000-4-4(EFT), Level 4
	EN61000-4-5(Surge), Level 4
	EN61000-4-6(CS), Level 4
	EN61000-4-8, Level 5
Impact	IEC60068-2-27
Falling	IEC60068-2-32
Shock	IEC60068-2-6

## Warranty

Warranty	5 Years
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## Dimensional drawing



Din-rail mounting (unit: mm)

## Ordering information

MISCOM7208-2GTS

2 Gigabit fiber ports +6x10/100M Based-Tx ports, by-pass Function, dual DC12~48V wide voltage power supply