

KIEN1008BA

8 Port Unmanaged Switch



- 8 fast ethernet ports,optical and electrical interface is optional,signal-mode and multi-mode is optical.
- Comply with explosive atmospheres standard IEC60079-11(GB3836.4).
- Dry contact for warning signal,support NO and NC
- Support DIN-Rail and non-housing version,DIN-Rail comply with IP40.
- CE,FCC, EN60950-1, UL508, UL Class I Div 2 (Pending)



Overview

KIEN1008BA is un-managed serial device that comply with explosive atmospheres standard, support 8 fast Ethernet ports, optical and electrical signal is optional. Support remote distance transmitting and forwarding, plug and play, easy for operating, have advanced insulation and damp proofing. Which suitable for use in factory automation, coal mine, high dust conditions, etc.

Technical Specifications

Technical Parameters

Standard

- ▼ IEEE 802.3i,
- ▼ IEEE 802.3u

Switching Properties

MAC Table Size	8K
Packet Buffer Size	1Mbit
Packet Forwarding Rate	1.2Mpps
Switching Delay	<10μs

Interface

Fast Ethernet Connector

- ▼ 100Base-FX,single-mode or multi-mode,SC/ST/FC connector is optional
- ▼ 10/100Base-T(X),auto negotiation,RJ45 connector.

Alarming Contactor

- ▼ Dry contact,NO and NC.
- ▼ 3X5.08mmspacing plug-in connector ;
- ▼ 0.5A at 125Vac,2A at 30Vdc ;

LED

LED on Front Panel

- ▼ Run :Running LED
- ▼ PWR1,PWR2: Power LED
- ▼ Alarm : Alarming LED
- ▼ 1-6 :Fiber ports 1-6 LED
- ▼ Fast ethernet LED
- ▼ Green :Link/ACTLED
- ▼ Yellow :Speed

Non-housing version support LED interface for users.

Power Requirements

Input Voltage

- ▼ 12DC(9-18VDC),Redundancy power
- ▼ 24-48VDC(18-72VDC), Redundancy power

Power Connector

- ▼ 5x5.08mmspacing plug-in connector

Power	<5.5W
Overload Protection	support
Reserve Protection	support
Redundancy Protection	support

Physical Characteristics

Housing	Metal fanless
IP class	IP40
Dimension	▼ 53.6mm×135mm×106.5mm(W×H×D)
Weights	0.76Kg
Installation	DIN-Rail or wall-mount

Environmental Limits

Operating Temperature	-40°C~+75°C
Storage Temperature	-40°C~+85°C

Relative Humidity 5-95%RH

Warranty

MTBF 385,000 hrs
warranty 5 years

Approvals

CE, FCC,
UL508,UL Class I Div 2 (Pending)
GOST
Inquire Kyland website for the newest dynamic.

Industry Standard

EMI
▼ FCC CFR47 Part 15,EN55022/CISPR22,Class A

EMS

- ▼ IEC61000-4-2(ESD) ±8kV(contact),±15kV(air)
- ▼ IEC61000-4-3(RS) 10V/m(80MHz ~ 2GHz)
- ▼ IEC61000-4-4(EFT) Power Port:±4kV;Data Port:±2kV
- ▼ IEC61000-4-5(Surge) Power Port:±2kV/DM,±4kV/CM;
Data Port:±2kV
- ▼ IEC61000-4-6(CS) 3V(10kHz ~ 150kHz);10V(150kHz ~ 80MHz)

Environmental

- ▼ IEC60068-2-6(vibration)
- ▼ IEC60068-2-27(shock)
- ▼ IEC60068-2-32(free-fall)

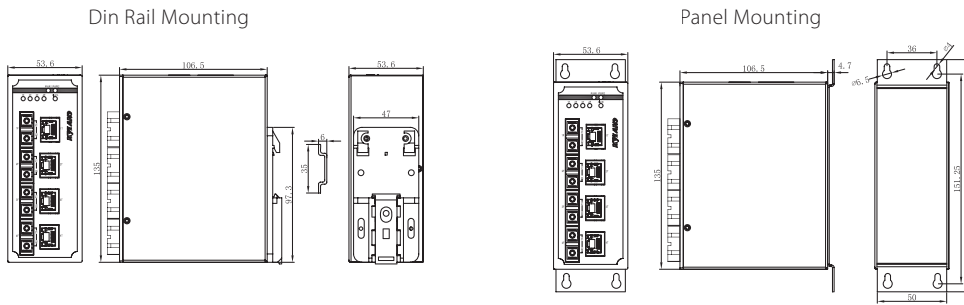
General industrial standard

- ▼ IEC61000-6-2
- ▼ IEC61000-6-4

Explosive atmosphere standard

- ▼ IEC60079-0(GB/T3836.1),
- ▼ IEC60079-1(GB/T3836.2),
- ▼ IEC60079-7(GB/T3836.3),
- ▼ IEC60079-11(GB/T3836.4)

» **Mechanical Drawing**



» **Ordering Information**

KIEN1008BA-X-Ports-PS

X

None Standard
C Conformal Coating

Ports

4S4T 4 100Base-FX single-mode fiber ports; 4 10/100Base-T(X) fast Ethernet ports
4M4T 4 100Base-FX multi-mode fiber ports; 4 10/100Base-T(X) fast Ethernet ports
6S2T 6 100Base-FX single-mode fiber ports; 2 10/100Base-T(X) fast Ethernet ports
6M2T 6 100Base-FX multi-mode fiber ports; 2 10/100Base-T(X) fast Ethernet ports
8S 8 100Base-FX single-mode fiber ports
8M 8 100Base-FX multi-mode fiber ports

Connector

100M fiber port specifications

SC05 SC connector, multi-mode, 1310nm, 5km
ST05 ST connector, multi-mode, 1310nm, 5km
FC05 FC connector, multi-mode, 1310nm, 5km
SC40 SC connector, single-mode, 1310nm, 40km
ST40 ST connector, single-mode, 1310nm, 40km
FC40 FC connector, single-mode, 1310nm, 40km
SC60 SC connector, single-mode, 1310nm, 60km
SC80 SC connector, single-mode, 1550nm, 80km

PS

L2-L2 24-48VDC(18-72VDC),redundant power
L6-L6 12DC(9-18VDC),redundant power

Accessories

Accessory Model	Description
DT-BGAZ-02	Panel for wall-mount
DT-FCZ-RJ45-01	Dustproof cover for RJ45 port