ESULS8-P2-B Series

Industrial 10/100M Ethernet Switch with PoE+
10 ports: 8 PoE+ ports, 2 SFP ports

Product Description

The KBC ESULS8-P2-B Series is a high performance, unmanaged industrial switch with 8* 10/100M auto sensing copper ports and 2 Gigabit SFP ports. Eight copper ports support PoE/PoE+ which means each port offers a maximum of 30w power. The switch is rugged in design with an IP40 enclosure and industrial level 3 ESD protection. Unique mount design makes DIN mounting and removal simple. The switch is rugged in design so that it is widely used in harsh environment applications, such as Power, Transportation, Pipeline, Petrochemicals, Automation Industries and IP surveillance.

Product Features

- Unmanaged industrial switch
- 8*10/100M Base-T(X) ports, Supporting IEEE802.3af&at
- 2*Gigabit SFP ports
- Redundant power supply input
- Overload current protection and reverse polarity protection
- Level 3 ESD protection
- IP40 housing design
- Supporting DIN rail or wall-mounted
- Unique DIN mount design makes mounting and removal simple
- Both PoE and Non-PoE models are available

Typical System Configuration

KBC Modular Switch ESM28M00 or Similar

ESULS8-P2-B

#1

#8

——— Cat5/5e/6   ——— Fiber
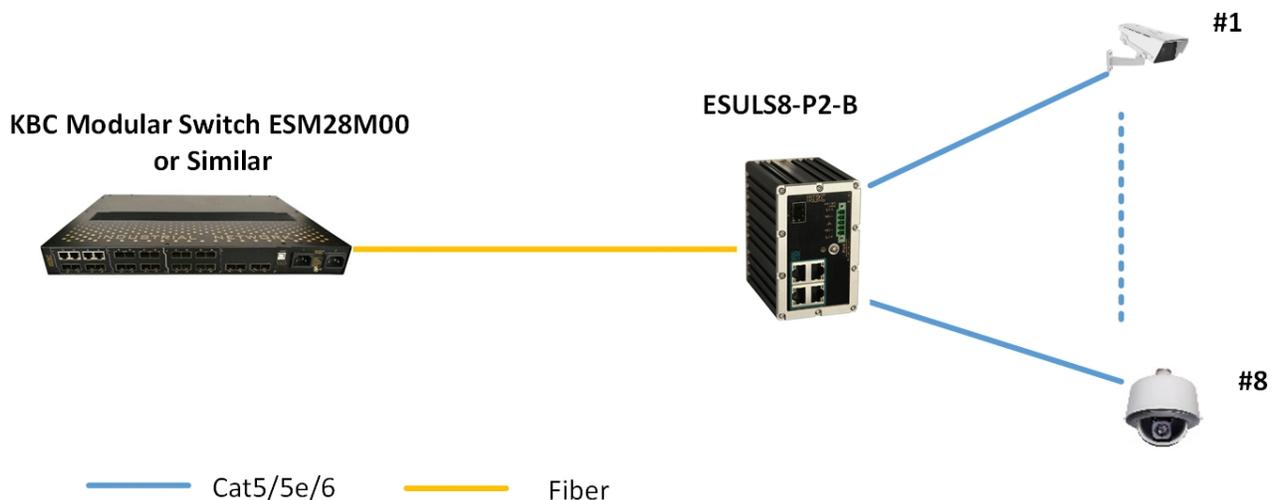
Specifications

Standards

IEEE Standards	IEEE802.3, IEEE802.3u
	IEEE802.3ab, IEEE802.3z

Ports

10/100MBase-T	8 ports with POE/POE+
1000Base-FX SFP[1]	2

Switch Performance

Architecture	Store-and-forward
Buffer	1M
MAC Address	8K
Switch Capacity	5.6GGbps

PoE

Standard	802.3af/at
PSE Type	End-span
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Output	up to 30 watts max per port

Mechanical

Dimension (W×D×H)	68mm × 105mm × 146mm
Weight	0.9kg

Power [2]

Redundant Power Input	48 ~ 57Vdc
Power Consumption	< 8W (no PoE output)
PoE Budget	240W
Overload Current Protection	Yes
Reverse Polarity Protection	Yes

Protection

Enclosure	IP40
ESD	Industrial level 3

Environmental

Operating Temperature	-40° ~ +75°C
Storage Temperature	-40° ~ +85°C
Operating Humidity	5% to 95% non-condensing
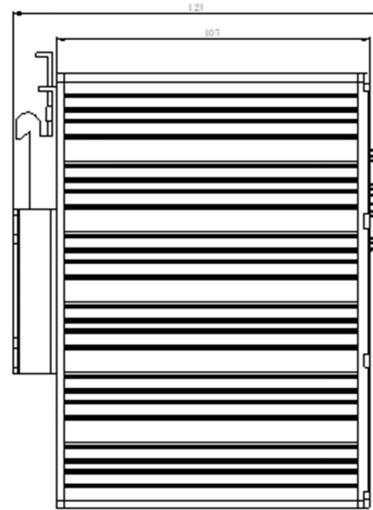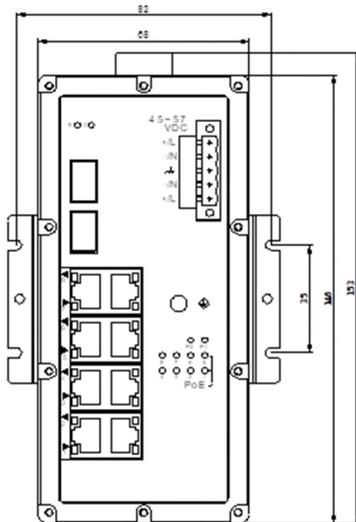
Order Information

ESULS8 – P2-B: Unmanaged, 8*10/100M Base-T PoE/PoE+, 2*1000MBase-FX SFP

ESULN8 – P2-B: Unmanaged, 8*10/100M Base-T, 2*1000M Base-FX SFP

1. SFP module sold separately.
2. Power supply sold separately.

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