

PACSystems™ Ethernet switch SLN080

Introduction



SLN080 is unmanaged Ethernet switch with 8x10/100Base-T(X) Ports. With very compact size of housing, you can install easily.

In addition, SLN080 can operate under harsh environment.

The extended operating temperature range is from -40 to 70°C.

Features

- 8x10/100Base-T(X) port.
- Ports support Auto MDI/MDI-X
- Supports store and forward transmission
- Supports flow control
- Compact size for easily installation
- Dual power input: 12~48VDC
- Warning system by relay output
- Rigid IP-30 housing design
- DIN-Rail and wall mounting enabled



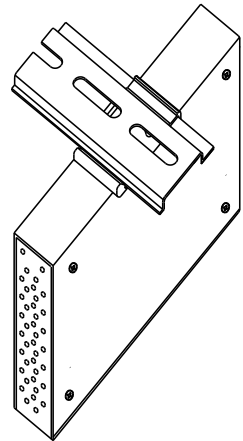
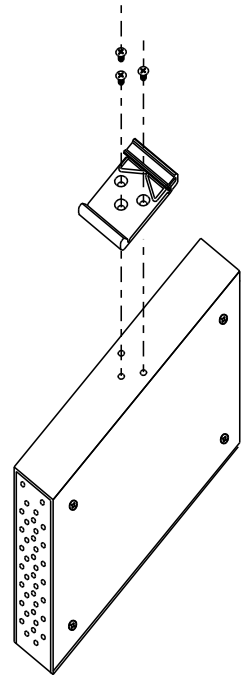
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Specifications

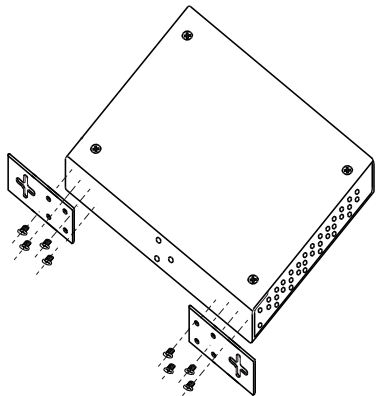
Part Number	IC086SLN080
Physical Ports	
10/100 Base-T(X) Ports in RJ45 Auto MDI/MDIX	8
Technology	
Ethernet Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3x for Flow control
MAC Table	2048 MAC address
Processing	Store-and-Forward
LED Indicators	
Power Indicator	Green: Power LED x2
10/100Base-T(X) RJ45 Port Indicator	Green for port Link/Act. Amber for duplex indicator
Power	
Input Power	Dual 12~48 VDC power inputs at 6-pin terminal block
Power Consumption(Typ.)	4 Watts
Overload Current Protection	Present
Reverse Polarity Protection	Present
Physical Characteristic	
Enclosure	IP-30
Dimension (W x D x H)	26.1(W) x 94.9(D) x 144.3(H)mm
Weight (g)	391 g
Environmental	
Storage Temperature	-40 to 85°C
Operating Temperature	-40 to 70°C
Operating Humidity	5% to 95% Non-condensing
Regulatory Approvals	
EMI	FCC Part 15, CISPR (EN55032) class A
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11
Shock	IEC60068-2-27
Free Fall	IEC60068-2-32
Vibration	IEC60068-2-6
Warranty	5 years

Installation

Din-Rail Install Step

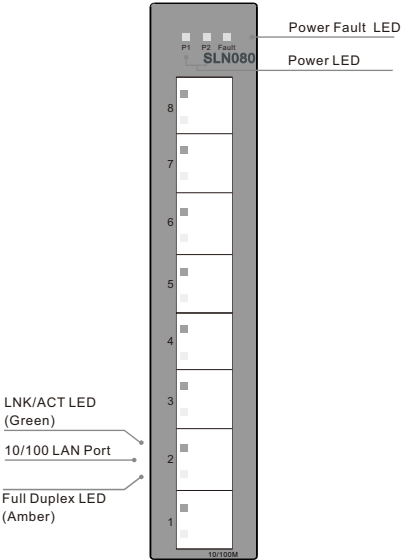


Wall-mounted Install Step

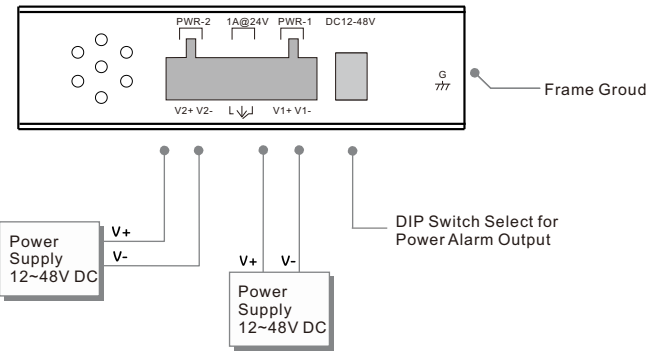


GFK-3149A

❖ Front panel



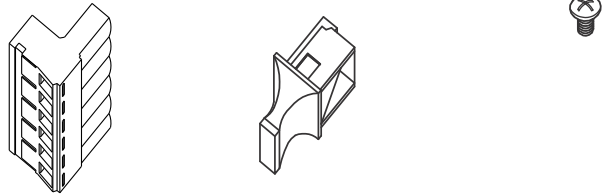
❖ Power Connection Guide



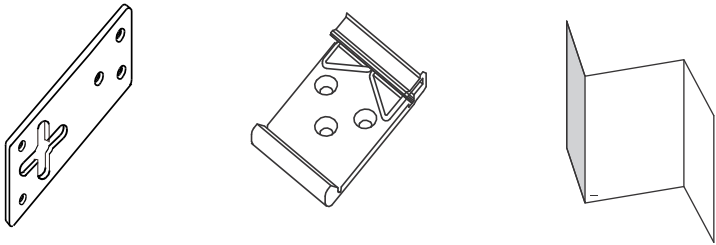
DIP Switch Function		
DIP-1	DIP-2	Description
OFF	OFF	Power failure relay alarm disabled
ON	OFF	PWR-1 failure, relay alarm enabled
OFF	ON	PWR-2 failure, relay alarm enabled
ON	ON	PWR-1or PWR-2 failure, relay alarm enabled

❖ Accessory

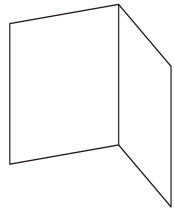
- ① 6-Pin Terminal block ② Dust Cover (RJ-45) ③ Screw (M3 X3)



- ④ Wall-mounted kit ⑤ 25mm DIN-Rail kit ⑥ Quick guide



- ⑦ RoHS Document



❖ Packing list

Part Number	Product Description	Accessory
IC086SLN080	Unmanaged Ethernet switch with 8x10/100Base-T(X)	① X 1, ② X 8, ③ X 6 ④ X 2, ⑤ X 1, ⑥ X 1, ⑦ X 1

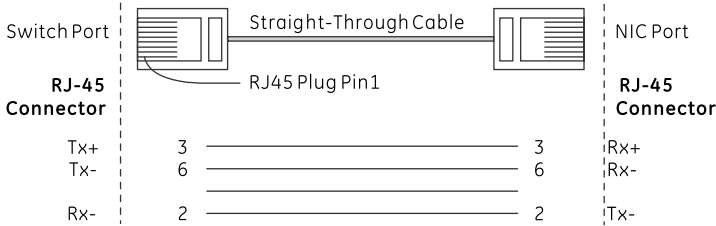
❖ Communication Connections

- 10/100Base-T(X) Ethernet Port Connection

- RJ45 (8-pin, MDI) Port Pinouts ■ RJ45 (8-pin, MDI-X) Port Pinouts

Pin	Signal		Pin	Signal	
1	Tx+		1	Rx+	
2	Tx-		2	Rx-	
3	Rx+		3	Tx+	
6	Rx-		6	Tx-	

■ RJ45 (8-pin) to RJ45 (8-Pin) Straight-Through Cable Wiring



■ RJ45 (8-pin) to RJ45 (8-Pin) Cross-Over Cable Wiring

