

INS-801 : 5-port 10/100Base-TX Industrial Switch



Product Introduction & Benefits

VOLKTEK's INS-801 Industrial Switch is a 5-port 10/100Base-TX switch in a rugged, hardened case. It has components that are able to withstand a high degree of vibration and shock – and temperatures as high as 70°C. Not an ordinary office switch, the INS-801 is engineered and designed specifically for harsh, industrial-type applications. With its hardened case, redundant DC power inputs and high-performance components, the INS-801 is perfectly suited for your industrial automation environment.



Applications:

- Industrial/Factory/Laboratory automation SCADA systems
- Self-service banking systems
- Factory robots and HVAC control systems
- Wafer fabrication systems
- Point of Sale (POS) systems
- Security cameras or other remotely distributed serial devices
- Rugged, hardened case and industrial-grade components able to withstand extreme vibration/shock

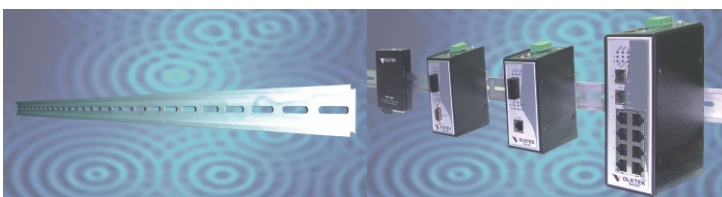
Main Features:

- 5 x 10/100 Mbps ports
- Port-based QoS (port # 1 only)
- Rugged, hardened IP30 case
- Vibration/Shock operational
- Dual redundant DC power inputs
- Power Terminal Block
- Wide voltage range: 9~48V
- DIP switch to enable or disable alarm functions
- Power-input polarity protection function
- Under-power & over-power detection function
- Operating temperature: 0°C~70°C

Ordering Information:

INS-801:

5-port 10/100Base-TX Industrial Switch



Specifications:

Standards:

IEEE 802.3u 100Base-TX/FX
 IEEE 802.3 10Base-T
 IEEE 802.3x Flow Control

Ports:

5 x 10/100Base-TX (RJ-45)

Throughput

Ethernet: 14,880 pps Per Port
 Fast Ethernet: 148,800 pps Per Port

Max Distances:

RJ-45: 100m (330ft)

DIP Switches:

DIP1	PWR:	Normal power alarm enable/disable
DIP2	RPS:	Redundant power alarm enable/disable
DIP3	P1:	Port 1 link alarm enable/disable
DIP4	P2:	Port 2 link alarm enable/disable
DIP5	P3:	Port 3 link alarm enable/disable
DIP6	P4:	Port 4 link alarm enable/disable
DIP7	P5:	Port 5 link alarm enable/disable
DIP8	QoS:	Port base QoS enable/disable. Port 1 with high priority (default)

Power:

Power Input: 9 ~ 48V DC / 1A

Temperature:

Operating: 0°C to 70°C
 Storage: -20°C to 80°C

Humidity:

Operating: 10 to 95%RH
 Storage: 5 to 95%RH

Compliance:

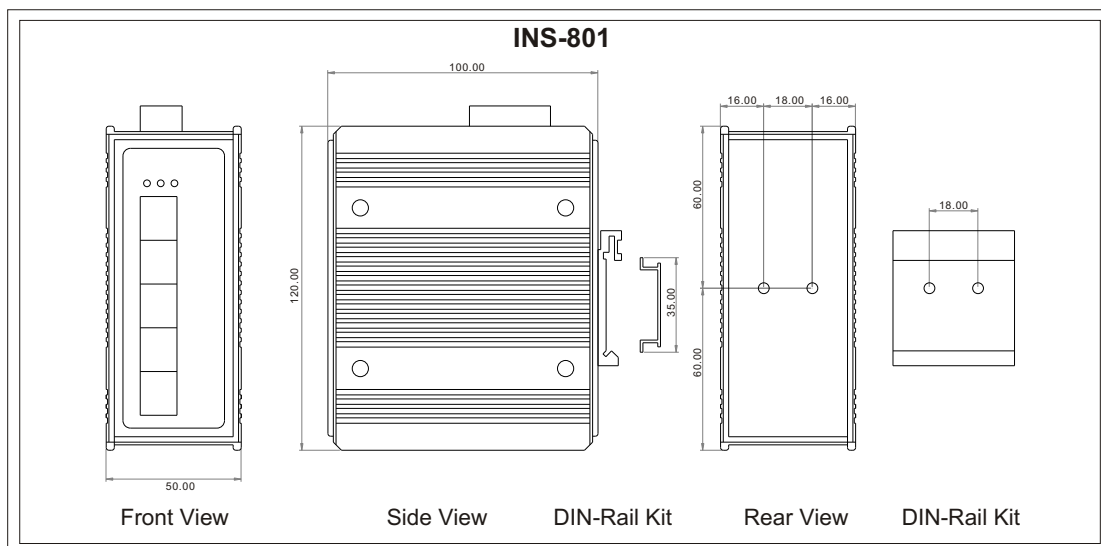
FCC Part 15 of Class A & CE Approved

Weight:

450g

Dimensions:

100 x 50 x 120mm (D x W x H)



Unit=mm