Ethernet Switches

SX5E

Unmanaged Ethernet switches equipped
with various features

• See website for details on approvals and standards.

SX5E Ethernet Switches

Rugged design. Suitable for a range of applications.

Specifications and Ratings

Part No.	SX5E-HU055B
Rated Input Voltage	12/24/48V DC, 24V AC
Voltage Tolerance	9-60V DC, 18-30V AC
Power Consumption	3.4 W
Ethernet Standard	IEEE802.3u (100BASE-TX)/IEEE802.3i (10BASE-T) compliant
Data Transfer Speed	10Mbps/100Mbps (Auto-negotiation function)
Communication Method	All ports full/half duplex (Auto-negotiation function)
Number of Ports	5
Frame Transfer Method	Store and forward
Throughput	0.75 Mpps
Address Table	2,048 entries
Buffer Size	1 Mbits
EMI/EMS	FCC CFR47 Part 15, EN55022, CISPR22, Class A Electrostatic discharge: ±6 kV (contact), ±8 kV (air) (IEC 61000-4-2) Radiation electromagnetic field: 10V/m (80 MHz–2 GHz), 3V/m (2 GHz-2.7GHz) (IEC 61000-4-3) FTB: ±2 kV (Power Port), ±1 kV (Data Port) (IEC 61000-4-4) Lighting surge: ±1 kV/DM, ±2 kV/CM (Power Port), ±1 kV (Data Port) (IEC 61000-4-5) RF conducted immunity: 10V (150 kHz-80 MHz) (IEC 61000-4-6)
Vibration Resistance	5 Hz to 9 Hz: 3.5 mm, 9 Hz to 150 Hz: 2.0G (IEC 60068-2-6)
Shock Resistance	150 m/s2 11 ms (IEC 60068-2-27)
Operating Temperature	–40 to +75°C (no freezing)
Operating Humidity	5 to 95% RH (no condensation)
Storage Temperature	–40 to +85°C (no freezing)
Mounting	DIN rail/panel mounting (*1)
Degree of Protection	IP30
Weight (approx.)	200 g

*1: Optional accessory is necessary for panel mounting.
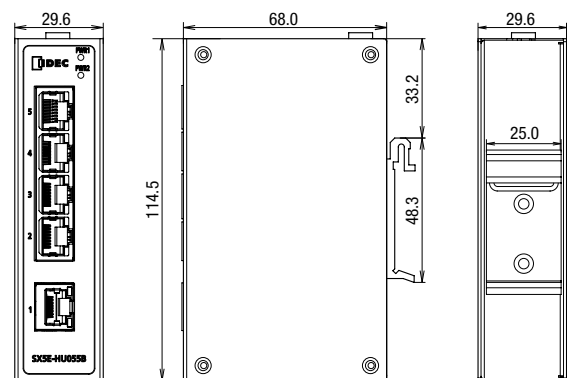
Ethernet Switch

Model		Part No.	Package Quantity
Ethernet switch		SX5E-HU055B	1

Accessories (optional)

Accessories		Part No.	Package Quantity
RJ45 connector cover (IP30)		SX9Z-CAP2PN02	2
Direct mounting bracket		SX9Z-1A01	1
Power supply terminal block		SX9Z-PMTD04PN02	2

Dimensions

All dimensions in mm.

⬇ Download catalogs and CAD from http://eu.idec.com/downloads