Ethernet Switches

SX5E



Unmanaged Ethernet switches equipped with various features







• See website for details on approvals and standards.

High environmental resistance

- Rugged metal housing
- Operating temperature: -40 to +75°C
- IP30 protection

Various features

- Wide operating voltage range: 9-60V DC, 18-30V AC
- Redundant power supply possible (dual line connection)
- Broadcast storm protection
- Auto-negotiation function available
- Auto-MDI/MDIX function available

SX5E Ethernet Switches

Rugged design. Suitable for a range of applications.

Specifications and Ratings

Specifications and na	ungo		
Part No.	SX5E-HU055B	APEM	
Rated Input Voltage	12/24/48V DC, 24V AC	Switches &	
Voltage Tolerance	9-60V DC, 18-30V AC		
Power Consumption	3.4 W	Control Boxes	
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)	Switches	
Number of Ports	5	Safety Products	
Frame Transfer Method	Store and forward	Explosion Proof	
Throughput	0.75 Mpps	Terminal Blocks	
Address Table	2,048 entries	Relays & Sockets	
Buffer Size	1 Mbits	Circuit Protectors	
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)	Power Supplies LED Illumination Controllers	
Vibration Resistance	5 Hz to 9 Hz: 3.5 mm, 9 Hz to 150 Hz: 2.0G (IEC 60068-2-6)	Operator	
Shock Resistance	150 m/s2 11 ms (IEC 60068-2-27)	Interfaces Sensors	
Operating Temperature	-40 to +75°C (no freezing)	AUTO-ID	
Operating Humidity	5 to 95% RH (no condensation)	AUTU-ID	
Storage Temperature	-40 to +85°C (no freezing)		
Mounting	DIN rail/panel mounting (*1)	Programmable	
Degree of Protection	IP30	Operator Interfaces Periphery	
Weight (approx.)	200 g	Equipment	

^{*1:} Optional accessory is necessary for panel mounting.

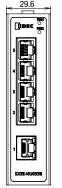
Ethernet Switch

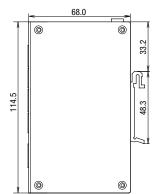
Model	Part No.	Package Quantity
Ethernet switch	SX5E-HU055B	1

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.

25.0

0

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