



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Ethernet Switch

Unmanaged Industrial Ethernet Switch



SPECIFICATIONS

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)
	Lightning 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/s ² 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.

PRODUCT DESCRIPTION

The SX5E series offers a fast, 5-Port Unmanaged Industrial Ethernet Switch with a wide range of operating voltages (AC and DC) and operating temperatures. With a compact, industrial-grade design and rugged metal housing, this switch is suitable for installation in Class I, Division 2 hazardous locations and for industrial applications in harsh environmental conditions requiring an IP30 degree of protection. Potential applications include wastewater treatment, machine tools, packaging machines, oil and gas, food processing machines, elevators, building automation, power utilities, traffic control, transportation and more.

KEY FEATURES

- Compact Unmanaged Industrial Ethernet Switch
- 5-port 10/100 Mbps
- Wide Operating Voltage range: 9-60V DC, 18-30V AC
- Wide Operating Temperature range: -40 to +75 °C
- Full/Half Duplex Operation
- Supports Auto-MDI/MDIX Function
- Redundant Power Input
- Broadcast Storm Protection
- IP30 Protection Rugged Metal Housing
- cULus, CE, Class I, Division 2




SX5E Ethernet Switch

PART NUMBERS

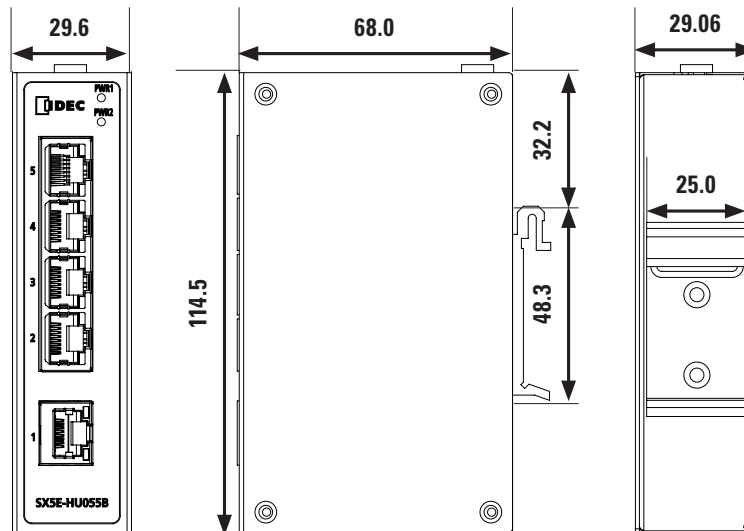
Model	Package Quantity	Part Number
Ethernet Switch 	SX5E-HU055B	1

ACCESSORIES

Model	Package Quantity	Part Number
RJ45 connector cover (IP30) 	SX9Z-CAP2PN02	2
Direct mounting bracket 	SX9Z-1A01	1
Power Supply Terminal Block 	SX9Z-PMTD04PN02	2

DIMENSIONS (MM)

SX5E Ethernet Switch



IDEC Corporation • 1175 Elko Drive • Sunnyvale, CA 94089 • 800-262-IDEC (4332) • Fax: 408-745-5258 • www.IDEC.com/usa

©2017 IDEC Corporation. All Rights Reserved. SX9Y-DS100-0a 10/17 (PDF Only)