HES6B-Z/HES6A-Z Series

6-port Din-rail Unmanaged Ethernet Switches

Features:

- 4× 10/100BaseT(X) (RJ45 Connector)
- 2 × 100BaseFX (Multi/Single-mode, SC/ST Connector)
- -40°C to 75°C Working Temperature Available
- MTBF: More than 300,000 Hours
- DC 12-52V Redundant Dual Power Inputs
- Lightning Surge Protection (Power Supply): 5000 A (8/20 μs)

RoHS | FCC | Wide Temp | CE | Fanless

Introduction:

Designed to fit Industrial and Commercial applications, the HES6B-Z/HES6A-Z series is plug and play Ethernet switches with IP40 DIN rail enclosure and convenient LEDs for Power (Link / Activity for each port). The fanless design, wide operating temperature, provide the products with high performance of resistance to high and low temperature, lightening protection and reliability and safety of industrial network. Multi-mode fiber models extend range up to 2 km. Single-mode fiber models extend range up to 20 km.

Specifications:

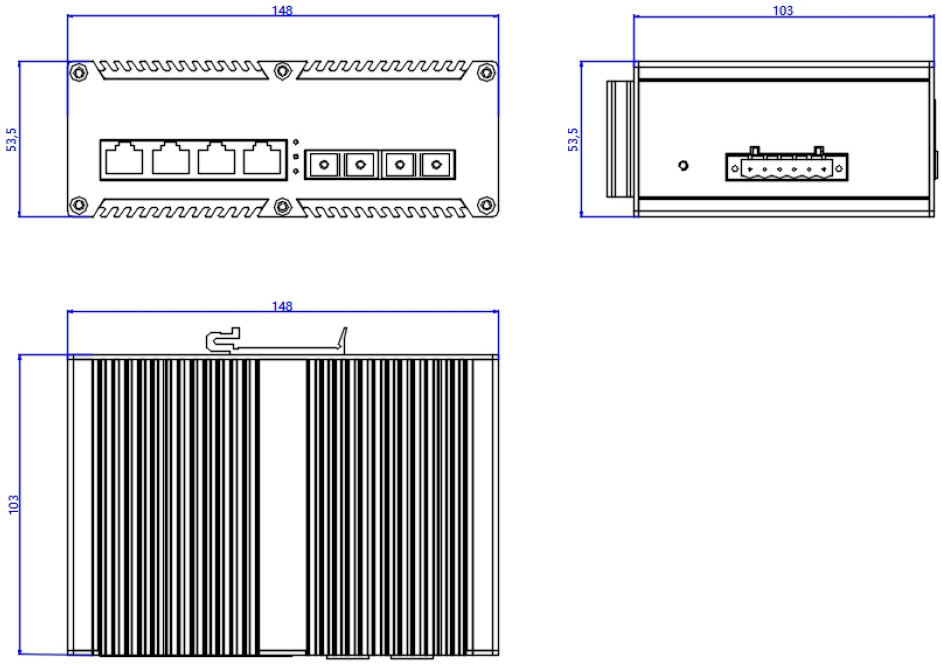
Ethernet Interface		
10/100BaseT(X) Ports (RJ45 Connector)	4 Full/Half Duplex Mode; Auto MDI/MDI-X Adaptive; Auto Negotiation Speed	
100BaseFX Ports	2 (Multi/Single-mode SC/ST Connector)	
Standards	IEEE802.3; IEEE802.3i; IEEE802.3u; IEEE802.3x	
LED Indicators	Power, Link / Activity for Each Port	
Optical Fiber		
Mode	Multi-mode	Single-mode
Transmission Distance	2km	20km
Center Wavelength	1310nm	1310nm
TX Power	⩾-18dBm	⩾-14dBm
RX Power	⩽-34dBm	⩽-33dBm
Transmission Rate	100Mbps	100Mbps
Switch Properties		
Processing Type	Store and Forward	
MAC Table Size	2K	
Packet Buffer Size	1Mbit	
Power Requirements		
Input Voltage	DC 12-52 V	
Power Consumption	5W Max	
Input Connection	Phoenix Terminal	
Reverse Polarity Protection	Supported	
Overload Current 4.0A Protection	Supported	

HENRICH®

PHONE: (909) 939-2468
EMAIL: customer_service@henrich-inc.com
WEBSITE: www.henrich-inc.com

Physical Characteristics		
Case	Metal Enclosure, IP40 Design	
Dimensions (Width × Height × Depth)	2.1" × 5.8" × 4.1" (53.5mm ×148 mm × 103 mm)	
Installation	DIN-rail Mounting	
Environmental Limits		
Operating Temp	HES6B-Z-XX: -10°C to 60°C	HES6A-Z-XX: -40°C to 75°C
Storage Temp	-40°C to 85°C	
Ambient Relative Humidity	5 to 95% (Non-condensing)	
Standards and Certifications		
EMI	FCC Part15, CISPR (EN55022) Class A	
EMS	EN61000-4-2(ESD) Level 3, EN61000-4-3(RS) Level 3, EN61000-4-4(EFT) Level 3, EN61000-4-5(Surge) Level 3, EN61000-4-6(Radio Frequency Transmission) Level 3, EN61000-4-8 (Power Frequency Magnetic Field) Level 3, EN61000-4-16 (Common-mode Transmission) Level 3	
Shock	IEC 60068-2-27	
Freefall	IEC 60068-2-32	
Vibration	IEC 60068-2-6	
Warranty		
Warranty Period	5 years	

Dimension Drawing:



HENRICH®
PHONE: (909) 939-2468
EMAIL: customer_service@henrich-inc.com
WEBSITE: www.henrich-inc.com

Ordering Information

4 × 10/100M Copper Ports and 2 x 10/100M Optical Fiber Ports	
HES6B-Z-2SC	Din-rail Unmanaged, 4 x 100Mbps Copper Port, 2 x 100Mbps Fiber Port, Multi-Mode 2KM, SC Interface, Industrial Temperature -10～65 °C, Power Supply 12~52VDC
HES6B-Z-2ST	Din-rail Unmanaged, 4 x 100Mbps Copper Port, 2 x 100Mbps Fiber Port, Multi-Mode 2KM, ST Interface, Industrial Temperature -10～65 °C, Power Supply 12~52VDC
HES6B-Z-2SSC	Din-rail Unmanaged, 4 x 100Mbps Copper Port, 2 x 100Mbps Fiber Port, Single-mode 20KM, SC Interface, Industrial Temperature -10～65 °C, Power Supply 12~52VDC
HES6B-Z-2SST	Din-rail Unmanaged, 4 x 100Mbps Copper Port, 2 x 100Mbps Fiber Port, Single-mode 20KM, ST Interface, Industrial Temperature -10～65 °C, Power Supply 12~52VDC
HES6A-Z-2SC	Din-rail Unmanaged, 4 x 100Mbps Copper Port, 2 x 100Mbps Fiber Port, Multi-Mode 2KM, SC Interface, Industrial Temperature -40°C to 75°C, Power Supply 12~52VDC
HES6A-Z-2ST	Din-rail Unmanaged, 4 x 100Mbps Copper Port, 2 x 100Mbps Fiber Port, Multi-Mode 2KM, ST Interface, Industrial Temperature -40°C to 75°C, Power Supply 12~52VDC
HES6A-Z-2SSC	Din-rail Unmanaged, 4 x 100Mbps Copper Port, 2 x 100Mbps Fiber Port, Single-mode 20KM, SC Interface, Industrial Temperature -40°C to 75°C, Power Supply 12~52VDC
HES6A-Z-2SST	Din-rail Unmanaged, 4x 100Mbps Copper Port, 2 x 100Mbps Fiber Port, Single-mode 20KM, ST Interface, Industrial Temperature -40°C to 75°C, Power Supply 12~52VDC
Other Models Are Available upon Request	