

Product Information

HES6G-2SFP Series

6G-port full Gigabit Unmanaged Ethernet Switches



Features

- 4 10/100/1000BaseTX RJ-45 Ports
- 2 1000Mbps SFP Fiber Ports
- Redundant Power Input (12~36VDC)
- Detect real temperature inside switch
- -40°C to +75°C Operating Temperature(W Models)
- IP30 Din Rail or Panel Mount



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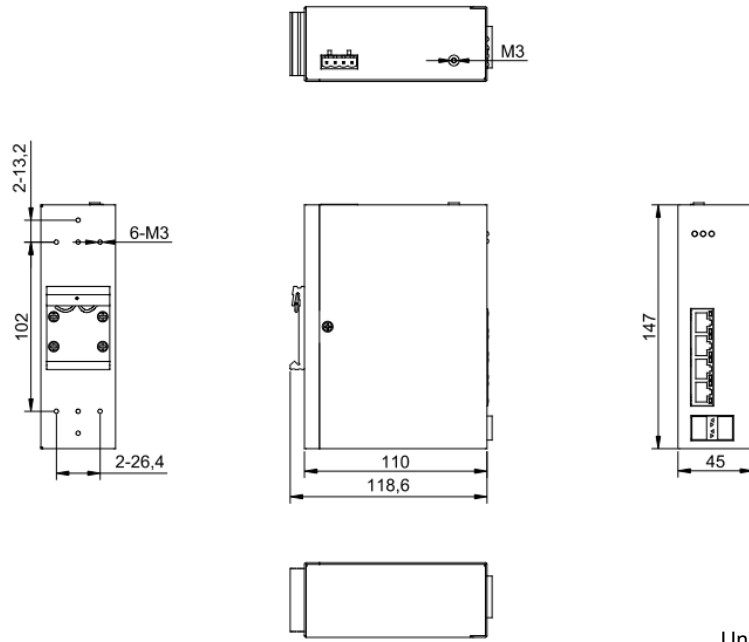
Introduction

The HES6G-2SFP Series are full gigabit unmanaged Ethernet switches that come standard with 2 Gigabit SFP fiber ports. The switches provide an economical solution for your industrial Gigabit Ethernet connection. The HES6G-2SFP series includes 2 models: one with an operating temperature range from -10 to 60°C, and the other one with an extended operating temperature range from -40 to +75°C. Both models are subject to a 100% burn-in test to ensure that they fulfill the special needs of industrial automation control applications. The power input ranges from 12~36VDC. The switches are installed with Din-rail or panel mount.

Specifications

| | | | |
|---------------------------------|---|-------------------------------------|--|
| Technology | | Environment Limits | |
| Standard : | IEEE802.3, 802.3u, 802.3x, 802.3z, 802.3ab, 802.3af/at | Operating Temp. : | Standard Models: -10 to 60°C Wide Temp. Models: -40 to 75°C |
| Processing Type : | Store and forward | Storage Temp. : | -40 to 85°C |
| Broadcast Storm : | Automatic Broadcast Storm Control | Ambient Relative Humidity : | 5 to 95%(Non-condensing) |
| Flow Control : | Full Duplex Flow Control, Half Duplex Back Pressure Control | Standards and Certifications | |
| Protocols : | CSMA/CD (Carrier Sense Multiple Access/Collision Direct) | Safety : | EN60950, UL60950, IEC60950 |
| Switch Properties | | EMI : | FCC Part15, CISPR(EN55022) Class A |
| MAC Table Size : | 4K | 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(CS) Level 3, EN61000-6-2 |
| Packet Buffer Size : | 128K | Shock : | IEC 60068-2-27 |
| Jumbo Frame Size : | Supports up to 9720 byte | Freefall : | IEC 60068-2-32 |
| Interface | | Vibration : | IEC 60068-2-6 |
| RJ45 Port : | Auto-negotiation 10/100/1000Base-T, Full/Half Duplex, Auto-MDI/MDIX | Warranty | |
| Fiber Ports : | 100/1000Base-X SFP interface. SFP module is MSA-compliant. | Warranty Period : | 3 years |
| LED Indicators : | P1, P2, 10/100/1000Mbps, POE+ (1~4) | | |
| Power Requirements | | | |
| Input Voltage : | 12~36VDC | | |
| Power budget : | 8W MAX | | |
| Input Connection : | Standard four terminal power input | | |
| Physical Characteristics | | | |
| Case : | Slim Metal Case, IP30 Design | | |
| Dimensions : | 45×147×110mm (W*H*D) | | |
| Installation : | DIN Rail or Panel Mounting | | |
| Optical Fiber | | | |
| Mode | Single Mode | | |
| Transmission Distance | 20km | | |
| Centre Wavelength | 1310nm | | |
| Cable Size | 9/125um | | |
| TX Power(dBm) | -8~-2dBm | | |
| RX Power(dBm) | < -24dBm | | |
| Transmission Rate | 1000Mbps | | |

Dimension drawings



Ordering Information

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|----------------|--|
| HES6G-2SFP-VL | Din-rail Unmanaged, 4 x 1000Mbps Copper Port, 2 x 1000Mbps SFP Fiber Port, Industrial Temperature -10 to +60 °C, Power Input 12~36VDC |
| HES6G-2SFP-VLW | Din-rail Unmanaged, 4 x 1000Mbps Copper Port, 2 x 1000Mbps SFP Fiber Port, Industrial Wide Temperature -40 to +75 °C, Power Input 12~36VDC |