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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!



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Product Information

HES18-2G Series

16+2G Gigabit Unmanaged Ethernet Swiches



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Features

- ❖ Up to 16 10/100 BaseT(x) Ports, 2 100 Mbps Fiber Ports
- ❖ Up to 2 1000Mbps RJ45/SFP Combo Ports
- ❖ 12~36VDC or 10~24VAC Power Inputs
- ❖ -40 to +75°C Operating Temperature Range (W Models)
- ❖ IP30 Din Rail or Panel Mounting

Introduction

The HES18-2G series Industrial Gigabit Unmanaged Ethernet Switches is equipped with 16 10/100 BaseT(x) ports, 2 Gigabit RJ45/SFP Combo interfaces and up to 2 100Mbps Fiber ports. SC, ST and FC can be selected as three kinds of fiber ports. HES18-2G series Industrial Ethernet switches provide 12-36VDC and 10-24VAC two ways of power input. This series of products can provide powerful information transmission in harsh industrial environment.

Specifications

Technology		Optical Fiber			
Standard :	IEEE802.3, 802.3u, 802.3x	Mode	Multi-mode	Single Mode	Single Mode
Processing Type :	Store and forward	Transmission Distance	2km	20km	20km
Flow Control :	Full Duplex Flow Control, Half Duplex Back Pressure Control	Centre Wavelength	1310nm	1310nm	1310nm
Switch Properties		Cable Size	62.5/125um	9/125um	9/125um
MAC Table Size :	8K	TX Power(dBm)	-20~-10dBm	-15~-8dBm	-8~-2dBm
Interface		RX Power(dBm)	< -32dBm	< -32dBm	< -24dBm
RJ45 Port :	10/100BaseT(X) or 10/100/1000BaseT(X) auto negotiation speed	Transmission Rate	100Mbps	100Mbps	1000Mbps
Fiber Ports :	100BaseFX ports (SC/ST connector)	Environment Limits			
Fiber Module :	1000Base-LX (2 SFP slots)	Operating Temp. :	Standard Models: -10 to 60°C Wide Temp. Models: -40 to 75°C		
LED Indicators :	Power, Port Status, 10/100/1000M	Storage Temp. :	-40 to 85°C		
Power Requirements		Ambient Relative Humidity : 5 to 95%(Non-condensing)			
Input Voltage :	12~36VDC @ 17W MAX 10~24VAC @ 17VA MAX	Standards and Certifications			
Input Connection :	Standard four terminal power input	EMI :	FCC Part15, CISPR(EN55022) Class A		
Physical Characteristics		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, EN61000-4-11 Level3, CISPR 22 Radiated Level3, CISPR 22 Conducted Level3, ANSIC 63.4 Level3,		
Case :	Slim Metal Case, IP30 Design	Warranty			
Dimensions :	69.2 × 151.9 × 150.5mm	Warranty Period :	5 Years		
Installation :	DIN Rail or Panel Mounting				

Ordering Information

HES18-2G Series

HES18-2G-VLW	Din-rail Unmanaged, 16 x 100Mbps Copper Port, 2 x Gigabit combo Interface, Industrial Wide Temperature -40°C to +75°C, Power Input 12~36VDC or 10~24VAC
HES18-2G-2SC-VLW	Din-rail Unmanaged, 14 x 100Mbps Copper Port, 2 x 100Mbps Multi-Mode Fiber Port with SC Connectors, 2 x Gigabit Combo Port, 2km, Industrial Wide Temperature -40°C to +75°C, Power Input 12~36VDC or 10~24VAC
HES18-2G-2SSC-VLW	Din-rail Unmanaged, 14 x 100Mbps Copper Port, 2 x 100Mbps Single-Mode Fiber Port with SC Connectors, 2 x Gigabit Combo Port, 20km, Industrial Wide Temperature -40°C to +75°C, Power Input 12~36VDC or 10~24VAC
HES18-2G-2ST-VLW	Din-rail Unmanaged, 14 x 100Mbps Copper Port, 2 x 100Mbps Multi-Mode Fiber Port with ST Connectors, 2 x Gigabit Combo Port, 2km, Industrial Wide Temperature -40°C to +75°C, Power Input 12~36VDC or 10~24VAC
HES18-2G-2SST-VLW	Din-rail Unmanaged, 14 x 100Mbps Copper Port, 2 x 100Mbps Single-Mode Fiber Port with ST Connectors, 2 x Gigabit Combo Port, 20km, Industrial Wide Temperature -40°C to +75°C, Power Input 12~36VDC or 10~24VAC