

HFD Series

DIN Rail Unmanaged Industrial Ethernet Switches



- * 10/100BaseT(X), 100BaseFX(SC/ST Connectors)
- * Low Voltage redundant AC/DC Power Inputs
- * Metal Case with IP30 Protection
- * Broadcasting Storm Control
- * Operating Temperature:-40°C~75°C
- * Enclosure color: Blue or Black

Specifications

* Technology

Network Standards:

IEEE802.3 10Base-T

IEEE802.3u 100BaseT(X) and 100BaseFX

IEEE802.3x Flow Control

Processing Type:Store and Forward

MAC Address:8K MAC Address Table

Broadcasting Storm Control:Automatic

Flow Control:Full/Half Duplex Back Pressure Flow Control

* Interface

RJ45 Port Connectors:10/100Base Auto-sensing, Full/Half Duplex MDI/MDI-X Auto-Negotiation

Fiber Port Connectors:100BaseFX, SC or ST connectors, Single-Mode or Multi-Mode

LED Indicators:Power, Port Status

* Power Requirements

Low Voltage Range:12~36VDC; 10~24VAC

High Voltage Range:200~350VDC; 165~265VAC

Connection:Standard 4 Pin Dual Power Connector

* Optical Fiber

Mode	Distance	Wavelength	Cable Size	TX Power	Rx Sensitivity	Transmission speed
Multi	2km	1310nm	62.5/125um	-23.5~-14dBm	< -35dBm	10/100Mbps
Single	15km	1310nm	9/125um	-15~-8dBm	< -35dBm	10/100Mbps

* Physical Characteristics

Case: Slim Metal Case, IP40 Design

Dimensions:(W×H×D):

HFD5:30×127×80mm

HFD8:44×130×95mm

HFD16:70×149×130mm

HFD24:91×149×130mm

DIN Rail or Panel Mounting

* Environment Limits

Standard Temp Models:-10°C to 60°C

Extended Temp Models:-40°C to 75°C

Storage Temperature:-40 to 85°C

Ambient Relative Humidity: 10 to 95%(Non-condensing)

* Ordering Information

Product Model		Connectors		
Standard Temperature Models(-10℃~60℃)	Extended Temperature Models(-40℃~75℃)	10/100BaseT(X)	100BaseFX	
			Multi-mode, SC Connectors	Single-mode, SC Connectors
HFD5 Series				
HFD5	HFD5-W	5		
HFD5-SC	HFD5-SC-W	4	1	
HFD5-SSC	HFD5-SSC-W	4		1
HFD5-2SC	HFD5-2SC-W	3	2	
HFD5-2SSC	HFD5-2SSC-W	3		2
HFD8 Series				
HFD8	HFD8-W	8		
HFD8-2SC	HFD8-2SC-W	6	2	
HFD8-2SSC	HFD8-2SSC-W	6		2
HFD8-4SC	HFD8-4SC-W	4	4	
HFD8-4SSC	HFD8-4SSC-W	4		4
HFD16 Series				
HFD16	HFD16-W	16		
HFD16-2SC	HFD16-2SC-W	14	2	
HFD16-2SSC	HFD16-2SSC-W	14		2
HFD16-4SC	HFD16-4SC-W	12	4	
HFD16-4SSC	HFD16-4SSC-W	12		4
HFD24 Series				
HFD24	HFD24-W	24		
HFD24-2SC	HFD24-2SC-W	22	2	
HFD24-2SSC	HFD24-2SSC-W	22		2
HFD24-4SC	HFD24-4SC-W	20	4	
HFD24-4SSC	HFD24-4SSC-W	20		4
HFD24-6SC	HFD24-6SC-W	18	6	
HFD24-6SSC	HFD24-6SSC-W	18		6