

HFB 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℃~75℃
- * 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	62.5/125u m	-23.5~-14d Bm	< -35dBm	10/100Mbps
Single	15km	1310nm	9/125um	-15~-8dB m	< -35dBm	10/100Mbps

* Physical Characteristics

Case: Slim Metal Case, IP40 Design

Dimensions:(W×H×D):

HFB5:30×127×80mm

HFB8:44×130×95mm

HFB16:70×149×130mm

HFB24:91×149×130mm

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
HFB5 Series				
HFB5	HFB5-W	5		
HFB5-SC	HFB5-SC-W	4	1	
HFB5-SSC	HFB5-SSC-W	4		1
HFB5-2SC	HFB5-2SC-W	3	2	
HFB5-2SSC	HFB5-2SSC-W	3		2
HFB8 Series				
HFB8	HFB8-W	8		
HFB8-2SC	HFB8-2SC-W	6	2	
HFB8-2SSC	HFB8-2SSC-W	6		2
HFB8-4SC	HFB8-4SC-W	4	4	
HFB8-4SSC	HFB8-4SSC-W	4		4
HFB16 Series				
HFB16	HFB16-W	16		
HFB16-2SC	HFB16-2SC-W	14	2	
HFB16-2SSC	HFB16-2SSC-W	14		2
HFB16-4SC	HFB16-4SC-W	12	4	
HFB16-4SSC	HFB16-4SSC-W	12		4
HFB24 Series				
HFB24	HFB24-W	24		
HFB24-2SC	HFB24-2SC-W	22	2	
HFB24-2SSC	HFB24-2SSC-W	22		2
HFB24-4SC	HFB24-4SC-W	20	4	
HFB24-4SSC	HFB24-4SSC-W	20		4
HFB24-6SC	HFB24-6SC-W	18	6	
HFB24-6SSC	HFB24-6SSC-W	18		6