HFB Series

DIN Rail Managed Industrial Ethernet Switches

Fast Managed Ethernet Switches

* RingOn™ Redundant Ring Technology, Recovery Time
   within 15ms, Supports RSTP/STP
* Enriched Management Features: QoS, IGMP snooping/
   GMRP,VLAN, SNMP V1/V2/V3
* Multiple Redundant AC/DC Power Choices
* Upgrated EMI Immunity
* Enclosure color: Blue or Black

Specifications

* Technology
   Network Standards:
   IEEE802.3 10Base-T
   IEEE802.3u 100BaseT(X), 100BaseFX
   IEEE802.3x Flow Control
   IEEE802.1p Classe of Service
   IEEE802.1Q VLAN Tagging
   IEEE802.1ad LACP
   Processing Type:Store and Forward
   MAC Address:8k MAC Address Table
   Management:by Web Browser
   RingOn™:Recovery Time within 15ms
   Broadcasting Storm Control:Automatic
   Flow Control:Full/Half Duplex Back Pressure Flow Control
   Protocols:SNMP V1/V2/V3, DHCP Server, SNTP, SMTP, IGMP Snooping/GMRP, LACP, RMON,

HTTPS, Telnet, Syslog, HTTP
* Switch Properties

Priority Queues:4
IGMP Groups:64
Max. Available VLANs:256
VLAN ID Range:1~4096
* 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
Console Port:DB9 male
Output Warning:Relay, Standard 2 Pin, 0.5A@24VDC
* 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	Typical Dist	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):
HFB8M:49×139×115mm
HFB16M:70×149×130mm
HFB24M: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°C~60°C)	Extended Temperature Models(-40°C~75°C)	10/100BaseT(X)	100BaseFX	
			Multi-mode, SC Connectors	Single-mode, SC Connectors
HFB8M Series				
HFB8M	HFB8M-W	8		
HFB8M-2SC	HFB8M-2SC-W	6	2	
HFB8M-2SSC	HFB8M-2SSC-W	6		2
HFB8M-4SC	HFB8M-4SC-W	4	4	
HFB8M-4SSC	HFB8M-4SSC-W	4		4
HFB16M Series				
HFB16M	HFB16M-W	16		
HFB16M-2SC	HFB16M-2SC-W	14	2	
HFB16M-2SSC	HFB16M-2SSC-W	14		2
HFB16M-4SC	HFB16M-4SC-W	12	4	
HFB16M-4SSC	HFB16M-4SSC-W	12		4
HFB24M Series				
HFB24M	HFB24M-W	24		
HFB24M-2SC	HFB24M-2SC-W	22	2	
HFB24M-2SSC	HFB24M-2SSC-W	22		2
HFB24M-4SC	HFB24M-4SC-W	20	4	
HFB24M-4SSC	HFB24M-4SSC-W	20		4
HFB24M-6SC	HFB24M-6SC-W	18	6	
HFB24M-6SSC	HFB24M-6SSC-W	18		6