

8-Port 10/100 Industrial Managed Switch with (1) or (2) Fiber Ports

SF7085xM

Product Features

- (8) 10/100 ports with auto-negotiation and auto-MDI/MDI-X
- Ports 7 & 8 provide either copper or fiber connectivity
- Wire speed store-and-forwarding switching
- Supports 802.3x flow control for full duplex operation
- Supports back-pressure flow control for half-duplex operation
- Provides Far End Fault function on the fiber ports
- Supports DHCP mode for IP configuration
- Provides port-based, 802.1Q tag-based VLAN function
- Provides port-based, 802.1p, DSCP QoS function
- SNMP, telnet, Web management support
- Supports industrial redundant ring configuration
- Industrial rated Emission and Immunity performance
- Supports DIN rail mounting and Panel mounting
- Provides WDT (Watchdog Timer)



Technical Specifications

Standards:	IEEE 802.3 10Base-T, 802.3u 100Base-TX, 100Base-FX
Network Ports:	(8) 10/100 Copper Ports (RJ-45) with Auto-Negotiate, Auto-MDI/MDI-X (2) 100Mbps Fiber Ports (Model Dependent) Ports 7 & 8 provide dual connectivity, either copper or fiber
Network Cables:	10Base-T: Cat.3, 4, 5 or higher up to 100 meters 100Base-TX: Cat.5 up to 100 meters 100Base-FX: 50/125, 62.5/125 MM Fiber, 9/125 SM Fiber
MAC Address Table:	1K Entries
Management Support:	SNMP MIB-II and private MIB, telnet, web-based, event traps
VLAN:	Port-Based VLAN, 802.1Q Tag-Based VLAN
QoS:	Port-Based, 802.1p-Based, DSCP-Based, IP Match-Based
LED Indication:	Per Unit: Power, Management Per 10/100M Port: Link/Activity, 100M, Duplex/Collision status Per Fiber Port: Link/Activity Status
Relay Output:	Alarm: Power Failure Interface: 2 terminal contacts Spec: 30VDC/1A max. or 120VAC/0.5A max.
DC Power Input:	Screw terminal block: 2 pairs of +/- contacts DC Jack: +7 ~ +30VDC (-D 6.3mm / +D 2.0mm)
Power Consumption:	7.3W max.
Dimensions:	5.51 x 4.17 x 1.57 inches (WxDxH)
Environment:	Operating Temperature: -20° C ~ +70° C Storage Temperature: -20° C ~ +85° C Relative Humidity: 5% to 95% non-condensing

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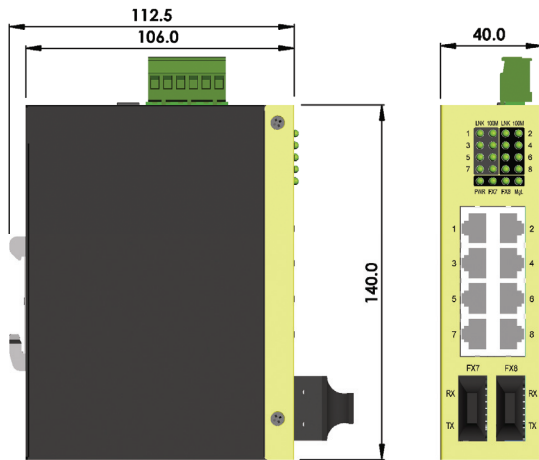
Models

Model	Fiber Port	Wavelength	Tx Power (dBm)	Rx Sens. (dBm)	Rx Max. (dBm)
SF70853M	(1) MM, ST, 2km	1310nm	-19 ~ -14	-31	-14
SF70854M	(1) MM, SC, 2km	1310nm	-19 ~ -14	-31	-14
SF70855M	(1) SM, SC, 20km	1310nm	-15 ~ -8	-30	-7
SF70855M-SFA	(1) SM, SC, 20km (Single Fiber)	Tx: 1310nm Rx: 1550nm	-14 ~ -8	-31	0
SF70855M-SFB	(1) SM, SC, 20km (Single Fiber)	Tx: 1550nm Rx: 1310nm	-14 ~ -8	-31	0
SF70853M2	(2) MM, ST, 2km	1310nm	-19 ~ -14	-31	-14
SF70854M2	(2) MM, SC, 2km	1310nm	-19 ~ -14	-31	-14
SF70855M2	(2) SM, SC, 20km	1310nm	-15 ~ -8	-30	-7
SF7085BM2	(1) MM, SC, 2km (1) SM, SC, 20km	1310nm 1310nm	-20 ~ -14 -15 ~ -8	-31 -30	0 -7
SF70855M2-SFA	(2) SM, SC, 20km (Single Fiber)	Tx: 1310nm Rx: 1550nm	-14 ~ -8	-31	0
SF70855M2-SFB	(2) SM, SC, 20km (Single Fiber)	Tx: 1550nm Rx: 1310nm	-14 ~ -8	-31	0

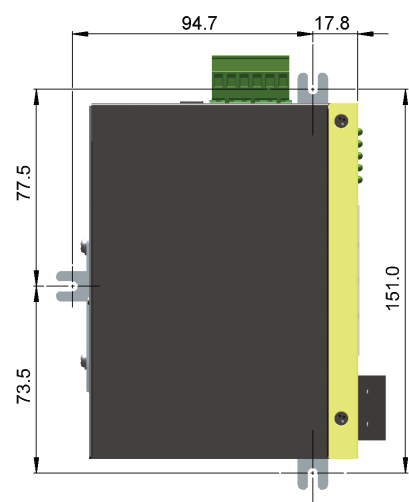


Accessories

Model	Description
PMB-1	Panel Mounting Kit
DRB-1	DIN Rail Mounting Kit
LPSUSF	Power Supply, 100-240VAC to 7.5VDC/1.2A



Dimensions (mm) with DRB-1 DIN Rail Mounting Kit



Dimensions (mm) with PMB-1 Panel Mounting Kit