FEP-75052FIN-S30

Specification

IEEE Standard	IEEE 802.3 10Base-T Ethernet
	IEEE 802.3u 100Base-TX Fast Ethernet
	IEEE 802.3u 100Base-FX Fast Ethernet
	IEEE 802.3x Flow Control and Back Pressure
Switch Architecture	Back-plane (Switching Fabric): 1.0Gbps
Data Processing	Store and Forward
Flow Control	IEEE 802.3x Flow Control and Back Pressure
MAC address Table Size	1K
Packet Buffer Size	1M
LED	4xRJ-45 10/100BaseT(X) auto negotiation
	4 x 10/100M port
	Auto MDI/MDI-X function, Full/Half duplex
	1x100BaseX, SM SC 30km
Network Cable	UTP/STP above Cat.5e Cable
	EIA/TIA-568 100-ohm (100m)
	Fiber Cable (Multi-mode): 50/125um,62.5/125um
	Fiber Cable (Single-mode): 9/125um
Protocol	CSMA/CD
LED	PW1 (Power 1) – Green
	PW2 (Power 2) – Green
	PW3 (Power 3) – Amber
	RLY (Relay) Amber
	F5 – Green
	ON – FX fiber is detected
	OFF – FX fiber is not detected
	Flashing – FX fiber is active
	TX/RJ–45 port:
	Green – LNK (Link/Active)
	FX Fiber port:
	Link: (Green)
	Flash: Active
Reserve Polarity Protection	Present
Overload Current Protection	Present
Power Supply	Redundant Dual DC 12V-56V Power Input,
Power Consumption	3.76W@48 VDC full load

Alarm Relay Contact	Relay outputs with current carrying capacity of 1 A @24VDC, Relay in OPEN mode when 2 powers are connected. In SHORT mode when only one power supply is connected
Removable Terminal Block	Provide 2 Redundant power Alarm relay contact, 6 Pin Wire range: 0.34mm^2 to 2.5mm^2 Solid wire (AWG):12-24/14-22 Stranded wire (AWG): 12-24/14-22 Torque:5lb-In/0.5Nm/0.56Nm Wire Strip length: 7-8mm
Operating Temperature	-40℃~75℃
Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40℃~85℃
MTBF (mean time between failure)	510,304 hrs (MIL-HDBK-217F) at 25°C
Housing	Rugged Metal, IP30 Protection
Case Dimension (LxWxD)	142x36.2x105mm (LxWxD)
Installation	DIN Rail and Wall Mount options included
Certification	
Safety	LVD EN62368-1
EMC/EMS	CE, FCC, VCCI
EMI	FCC Part 15 Subpart B Class A
EN 60068-2-6	Vibration
EN 60068-2-27	Shock
EN 60068-2-32	Free Fall