5-Port Industrial Ethernet Switch - DIN Rail Mountable - TAA

Product ID: IES5102

This compact 5-port industrial Ethernet switch is engineered to deliver fast, reliable network connectivity and durability in the most demanding industrial environments. It provides top performance in a wider range of operating temperatures than conventional network switches, making it ideal for factories and warehouses.

Designed with a rugged IP30-rated housing, the network switch delivers maximum performance even in harsh industrial conditions. Its wide-range terminal block input gives you the flexibility to power the switch as required, based on your own power input source, while its wide operating temperature range keeps your network running smoothly.

This industrial Ethernet switch is easy to install, with an attached metal bracket for DIN rail mounting on equipment racks and cabinets.

Now you can eliminate the hassle of troubleshooting mismatched speed and duplex settings. This switch gives you full/half-duplex auto-negotiation and auto MDI/MDIX operation, enabling you to connect your network devices quickly and easily with little to no configuration required.

With lower overall power consumption, the Ethernet switch enhances your energy efficiency, in turn helping you reduce monthly costs.

The IES5102 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Well suited for networks in demanding industrial applications such as warehouses and factories

• A great way to enhance network connectivity, adding small workgroups to an existing network

• Install in a server rack or cabinet in a network room or test lab environment

Features

• Network up to 5 Ethernet devices, even in industrial settings, with a robust IP30-rated switch

• Wide-range 12-48V DC terminal block input

• Easy installation with an integrated DIN rail bracket

• Wider range of operating temperatures, ideal for industrial environments

• IEEE 802.3az Energy-Efficient Ethernet

• Supports 10BaseT/100BaseTX and Full-Duplex/Half-Duplex Auto-negotiation

• Supports IEEE 802.3x flow control and back pressure

• Store-and-forward switching mechanism

Hardware

	Warranty	2 Years
	Ports	5
	Interface	RJ45 (10/100 Ethernet)
	Regulatory Approvals	EN61000-6-2 EN61000-6-4 EN61000-4-3 (Radiated RFI Standards) EN61000-4-4 (Burst Standards) EN61000-4-6 (Induced RFI Standards) EN61000-4-8 (Magnetic Field Standards) IEC60068-2-6 Fc (Vibration) IEC60068-2-27 Ea (Shock)
	Industry Standards	IEEE 802.3 (10BASE-T), IEEE 802.3u (100BASE-TX)
		IEEE 802.3az (Energy-Efficient Ethernet)
		IEEE 802.1P Quality of Service (QoS)

Performance

	Maximum Data Transfer Rate	200 Mbps (Full-Duplex)
	Maximum Cable Length	328.0 ft [100 m]
	Buffer Size	56 KB
	Flow Control	IEEE 802.3x Full-Duplex
	Surge Protection	ESD: EN61000-4-2 Surge: EN61000-4-5
	Compatible Networks	10/100 Mbps
	Auto MDIX	Yes
	Full Duplex Support	Yes
	Jumbo Frame Support	No
	Switching Architecture	Store-and-Forward
	MTBF	1,179,133 Hours

Connector(s)

	External Ports	5 - RJ-45
		1 - Terminal Block (3 Wire)

Software

	OS Compatibility	OS Independent; No additional drivers or software required

Indicators

	LED Indicators	1 - Power
		5 - Link/Activity
		5 - Activity (100 Mbps)

Power

	Power Source	Terminal Block
	Input Voltage	12 ~ 48 DC
	Output Voltage	12V DC

	Power Consumption (In Watts)	2.12W Max

Environmental

	Operating Temperature	-10C to 60C (14F to 140F)
	Storage Temperature	-25C to 85C (-13F to 185F)
	Humidity	5~95% RH (Non-Condensing)

Physical Characteristics

	Color	Black
	Material	Plastic
	Product Length	2.8 in [70 mm]
	Product Width	1.0 in [2.5 cm]
	Product Height	4.3 in [11 cm]
	Weight of Product	5.3 oz [150 g]

Packaging Information

	Package Quantity	1
	Package Length	7.9 in [20.1 cm]
	Package Width	7.0 in [17.7 cm]
	Package Height	3.2 in [8.1 cm]
	Shipping (Package) Weight	10.1 oz [286.0 g]

What's in the Box

	Included in Package	1 - 5 Port Ethernet Switch (w/ Attached DIN Rail Bracket)
		1 - Terminal Block
		1 - Instruction Manual CD

Warranty Information

	Warranty	2 Years