

Features

- 8 Gigabit Ethernet ports
- Wide voltage input range: +5V to +30V DC - can be powered by a variety of sources
- Industrial operating temperature range: -40°C to +80°C/-40°F to +176°F - works in extreme conditions
- Redundant dual power inputs - reduces risk of power outage
- Small Footprint Case, only 23mm wide, 94mm deep

Industrial 8 Port Gigabit Ethernet Switch

RS Stock No.: 0694305



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

Industrial 8 port Gigabit Ethernet unmanaged switch.
Galvanically Isolated Ethernet Ports.
Automatic detection of data transmission speed: 10/100/1000 Mbps.
Industrial temperature range of -40°C to +80°C (-40°F to 176°F) and dual input redundant power supply with wide voltage range means it can be powered from USB or on the 24V factory floor.
Only 23mm wide and 94mm deep.
Power terminal is removable with numbered pins for easy wiring.
Power consumption is optimised based on the status of the link device.
No software required.
Ideal for factory floor, in vehicle and marine applications.

General Specifications

Switch Type	Ethernet Unmanaged Switch
Number of Ports	8 Gigabit Ethernet
Protocol Type	Ethernet 10/100/1000Mbps
Transmission Length	100m
Transmission Speed	10/100/1000Mbit/s
RJ45 Ports	8
Number of Fibre-Optic Ports	0
Housing	DIN rail mountable IP-20 rated non-conducting polyamide case
LED Indicators	Link/Activity Solid Connection established Flashing Data communication Speed Yellow 1000Mbps Green 100Mbps
For Use With	Control Cabinets; Ethernet Network; DIN Rail Control Cabinets, Machine Vision Systems, CCTV

Electrical Specifications

Maximum Supply Voltage	30VDC, reverse polarity protection
Nominal Supply Voltage	5~30VDC
Minimum Supply Voltage	5VDC
Power Consumption	6.5 Watts Max: @ +5V to +30VDC
Electrical Connection	Power 5 pin 3.5mm pitch, AWG #28 - #16, Stripping length 7mm/ 0.27in; Tightening Torque 0.22Nm – 0.25Nm
MTBF	750,000 hours

Mechanical Specifications

Mounting	DIN-Rail
Dimensions	116.2 x 99 x 45.3 mm
Depth	116.2
Height	99 mm
Width	45.3 mm
Weight	260g

Operation Environment Specifications

Maximum Operating Temperature	80 °C
Minimum Operating Temperature	-40 °C
Storage Temperature	-40 to 85 °C (-40 to 185 °F)
Relative Humidity	10% to 95% non-condensing

Protection Category

IP Rating	IP20
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Approvals

Compliance/Certifications	CE, UKCA, METL Complies with UL62368-1
Declarations	WEEE, RoHS, REACH

Similar Products

Parameters	0694305	0694306
Brand	RS PRO	RS PRO
Switch Type	Unmanaged	Unmanaged
Number of Ports	8	8
Protocol Type	Ethernet	Ethernet
Transmission Length	100m	100m
Transmission Speed	10/100/1000Mbps	10/100/1000Mbps
RJ45 Ports	8	8
Number of Fibre-Optic Ports	0	0
Number of RS-232 Ports	0	0
Number of RS-485 Ports	0	0
Number of USB Ports	0	0
Port Selection	Auto	Auto
Housing	Polyamide	Metal
LED Indicators	Yes	Yes
Maximum Supply Voltage	30V DC	30V DC
Nominal Supply Voltage	12~24V DC	12~24V DC
Minimum Supply Voltage	5V DC	5V DC
Power Consumption	6.5 Watts	6.5 Watts
Compatible USB Cable Version	n/a	n/a
Electrical Connection	Terminal Blocks	Terminal Blocks
MTBF	750,000 hours	750,000 hours
Alarm Relay	n/a	n/a
Mounting	DIN Rail	DIN Rail
Dimensions	116.2x99x45.3mm	114.9x99.3x41.3 mm
Depth	116.2 mm	114.9mm
Height	99 mm	99.3 mm
Width	45.3 mm	41.3mm
Weight	260g	380g
Maximum Operating Temp.	80°C	80°C
Storage Temperature	85°C	85°C
Relative Humidity	10 to 95%	10 to 95%

