RS PRO

Features

- Hardened Industrial 14x 10/100 & 2x 1G Ethernet Switch

- Enhanced connectivity and flexibility: Higher port count enables flexible network layout and device placement

- High-speed Gigabit connectivity ensuring smooth and efficient data transfer for industrial automation applications

- Integrated DIN-rail mount with grounding - includes MK-103 DIN Rail clip for mounting options: 2 different heights and 180° rotation

- Wide voltage input range (+5V to +30VDC) and dual redundant power inputs - ensures reliability and reduces the risk of power outages

- Industrial hardened enclosure and wide operating temperature range (-40°C to +80°C /-40°F to +176°F) - reliable operation in harsh environments

Hardened Industrial 14x 10/100 & 2x 1G Ethernet Switch

RS Stock No.: 0180408

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

- Hardened Industrial 14x 10/100 & 2x 1G Ethernet Switch – enhance efficiency, accuracy, and throughput in high-speed assembly operations.
- 14x 10/100 Fast Ethernet ports and 2x 10/100/1000 Gigabit ports ensure flexibility in network integration, accommodating diverse network requirements and device capabilities, making it easier to integrate into existing industrial automation setups.
- Wide voltage input range (+5V to +30VDC) and dual redundant power inputs ensure reliability and reduce the risk of power outages.
- Hardened industrial design and wide temperature range of -40°C to +80°C (-40°F to 176°F) for reliable operation in challenging environments, minimising the risk of downtime due to environmental factors.

General Specifications

Switch Type	Ethernet; Unmanaged Switch
Number of Ports	14x 10/100 and 2x 10/100/1000 ports
Protocol Type	Ethernet 10/100/1000Mbps
Transmission Length	100m
Transmission Speed	10/100Mbit/s 2x 1G Ethernet ports
RJ45 Ports	16
Number of Fibre-Optic Ports	0
Housing	Metal with DIN Rail Mounting Clip
LED Indicators	Link/Activity; Port Speed; Power
For Use With	Control Cabinets; Ethernet Network; DIN Rail Control Cabinets

Electrical Specifications

Maximum Supply Voltage	30VDC
Nominal Supply Voltage	5 to 30VDC
Minimum Supply Voltage	5VDC
Power Consumption	6W
Electrical Connection	Screw Terminal 5 pin 3.5mm pitch AWG #28 - #16
MTBF	750,000 hours

Mechanical Specifications

Mounting	DIN-Rail
Dimensions	180 x 108 x 43 mm
Depth	108mm
Height	180mm
Width	43mm
Weight	640g

Operation Environment Specifications

Maximum Operating Temperature	80°C
Minimum Operating Temperature	-40°C
Storage Temperature	-40 to 80°C (-40 to 176°F)
Relative Humidity	10% to 95% non-condensing

Protection Category

IP Rating	IP20

Approvals

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

Similar Products

Parameters	0180407	0180408	0180410	0180411
Brand	RS PRO	RS PRO	RS PRO	RS PRO
Switch Type	Unmanaged	Unmanaged	Unmanaged	Unmanaged
Number of Ports	16	14 + 2x 1G	16 + 1SFP	14+2x1G+1SFP
Protocol Type	Ethernet	Ethernet	Ethernet	Ethernet
Transmission Length	100m	100m	Upto 10km	Upto 10km
Transmission Speed	10/100Base-T	10/100 1G Trunk	10/100 + SFP	10/100+1G+ SFP
RJ45 Ports	16	14 + 2G	16	14
Number of Fibre-Optic Ports	0	0	1	1
Port Selection				
Housing	Metal			
LED Indicators	Yes			
Maximum Supply Voltage	30 V DC			
Nominal Supply Voltage	5 to 30 VDC			
Minimum Supply Voltage	5 V DC			
Power Consumption	3.8W	6W	7.5W	7.5W
Electrical Connection	Screw Terminal 5 pin 3.5mm pitch AWG #28 - #16			
MTBF				
Mounting	Dual position Din Rail Mount			
Dimensions				
Depth	102	108	108	108
Height	158	180	180	180
Width	43	43	43	43
Weight	530g	640g	640g	640g
Maximum Operating Temperature	+80°C			
Storage Temperature	+80°C			
Relative Humidity	5 to 95% (non-condensing)			
Compliance/Certifications	WEEE, RoHS, CE, UKCA, METL Complies with UL62368-1			