

# 5 Ports PoE+ Industrial Compact

**multicomp** PRO

5 Port (Ports 1-4 PoE+) Unmanaged 10/100 Ethernet Switch DIN Mountable

**RoHS  
Compliant**



## Features

- 5 port PoE+ 10/100 Fast Ethernet device
- Ports 1-4 PoE+ capable
- Fully compliant to IEEE 802.3af/at
- PoE Power Budget: 90W @ 70°C between all 4 PoE ports simultaneously
- Industrial temp range: -40°C to +70°C
- Redundant dual power inputs: +44V to +57V DC
- Compact design with integral DIN mount
- Allows power and data to be combined on the same Ethernet cable

## Specifications

Power Consumption	: 4 Watts Max : 91m Amps @ +44V DC/70m Amps @ +57V DC
Power Supply Input	: Unregulated +44V to +57Volts DC, reverse polarity protection
Isolation	: 1500Vrms Magnetic isolation from Ethernet
Operating and Storage Temperature	: -40°C to +70°C / -40°F to +158°F
Ambient Relative Humidity	: 5 to 95% (non-condensing)
Ethernet Ports	: 5 x RJ45 jack, 10/100Mhz autosensing, crossover auto sensing (Auto MDIX)
Protection	: 1,500 Volts magnetic isolation between ports
Housing	: IP-20 rated non-conducting polyamide case
Screw Terminals	: 3.5mm pitch, #22 - #14, 0.5mm <sup>2</sup> - 2.5mm <sup>2</sup> pin power supply
Wire Thickness	: 0.15 inch, 3.81mm, 20 pins, 12+8 screw terminals, #26 - #16 AWG, 0.14mm <sup>2</sup> - 1.3mm <sup>2</sup>

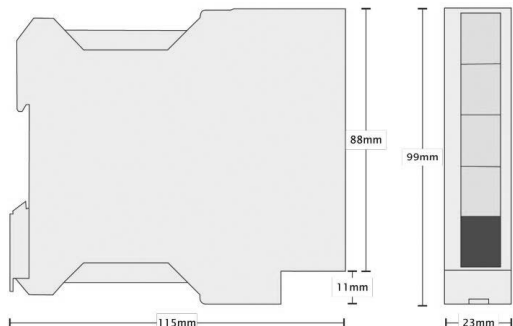
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## Diagram



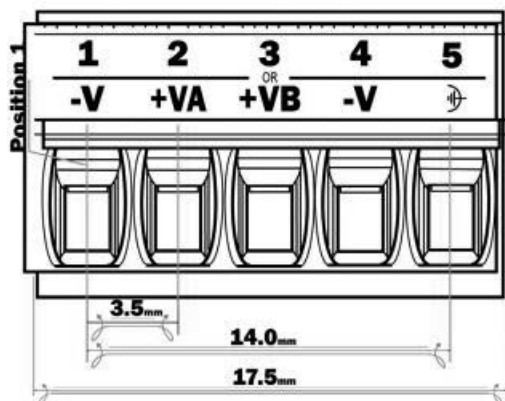
### Ethernet Ports x 4 Pin Outs

PIN	Function
1	Tx+ DC+
2	Tx- DC+
3	Rx+ DC-
4	unused
5	unused
6	Rx- DC-
7	unused
8	unused

### Power Terminal Pin Outs

Pin	Function
1	-V
2	+VA
3	+VB
4	-V

5 position 3.5mm pitch pluggable terminal block included



Dimensions : Millimetres

## Part Number Table

Description	Part Number
Compact Ethernet Switch, 5 Ports, 10/100Mbps, DIN Rail Mount	MP-525

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