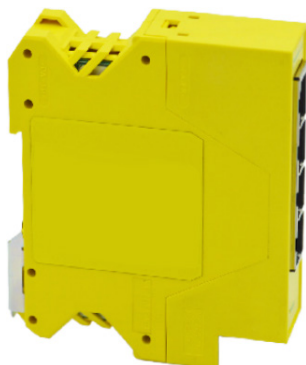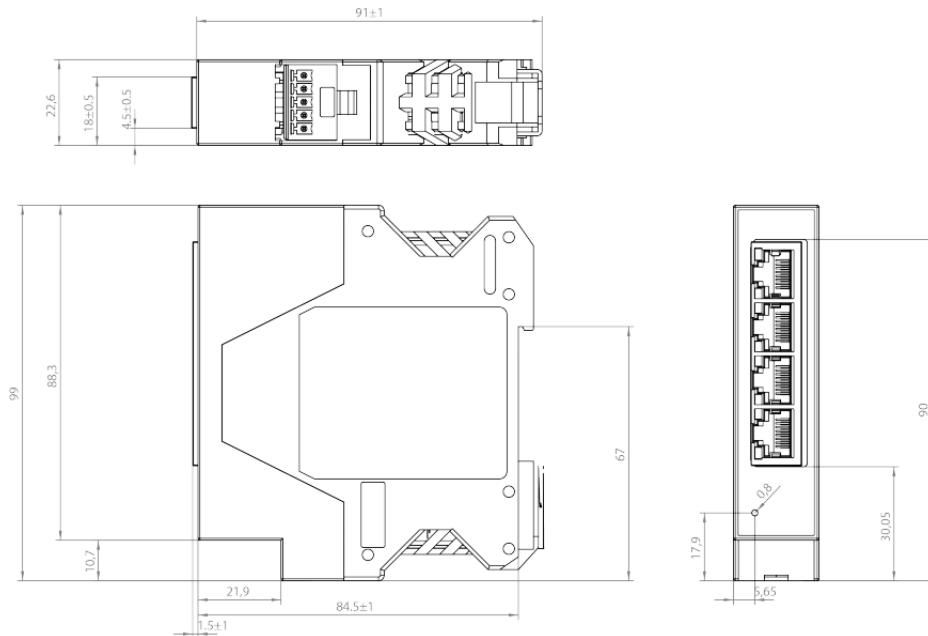# 4 Port Industrial Gigabit Switch

multicomp PRO

Features

- 4 Gigabit Ethernet ports
- Wide voltage input range: +5V to +30V DC - can be powered by a variety of sources
- Industrial temperature range: -40ºC to +80ºC/-40ºF to +176ºF - works in extreme conditions
- Redundant dual power inputs -reduces risk of power outage
- Jumbo Frame support upto 9K frames
- Integral DIN mount

Specifications	
Connectors	
Screw Terminals	3.5mm pitch, #22 - #14, 0.5mm^2-2.5mm^2 pin power supply
Wire Thickness	0.15 inch, 3.81mm, 20 pins, 12+8 screw terminals, #26 - #16 AWG, 0.14mm^2 to 1.3mm^2
Power Supply	
Power Consumption	3.6W Max: 550mA@+5V DC/90mA@+30V DC
Power Supply input	Unregulated +5V to +30Volts DC, reverse polarity protection
Isolation	1500VRMS Magnetic isolation from Ethernet
Environmental	
Operating Temperature	-40ºC to +80ºC/-40ºF to +176ºF
Storage Temperature	-40ºC to +80ºC/-40ºF to +176ºF
Ambient Relative Humidity	5 to 95% (non-condensing)
Magjack LED Information	
Link/Activity LED	Solid green Connection established
	Flashing Green Data communication
Speed	Yellow 1000Mbps Green 100Mbps
Ethernet	
Ethernet Port	4 x RJ45 jack, 10/100/1000Mbs autosensing, crossover auto sensing (Auto MDIX)
Protection	1,500 Volts magnetic isolation between ports
Housing	IP-20 rated non-conducting polyamide case

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicomp PRO

Page <1>   06/12/23   V1.0

4 Port Industrial Gigabit Switch

multicompPRO

Diagram

Power Terminal Pin Outs

Pin	Function
1	-V
2	+VA
3	+VB
4	-V
5	Functional Earth

Ethernet Ports × 4 Pin Outs

PIN	Function
1	TxRxA+
2	TxRxA-
3	TxRxB+
4	TxRxC+
5	TxRxC
6	TxRxB-
7	TxRxD+
8	TxRxD-

Dimensions : Millimetres

Part Number Table

Description	Part Number
Industrial Gigabit Switch, 4 Port, +5V To +30V DC	MP-514

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicompPRO

06/12/23   V1.0