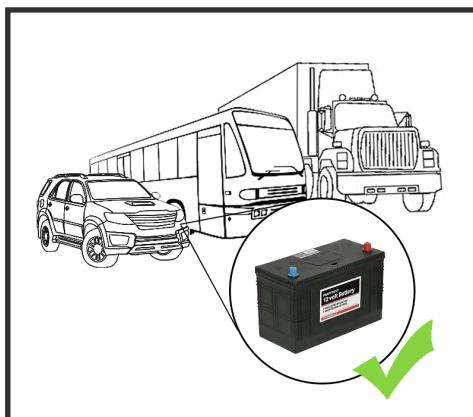
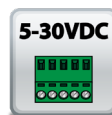
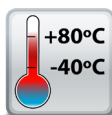


SW-515

COMPACT INDUSTRIAL 5 PORT GIGABIT ETHERNET SWITCH

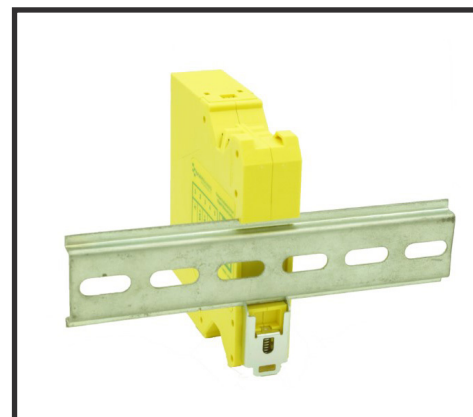
- 5 Gigabit Ethernet ports
- Wide voltage input range: +5V to +30V DC - can be powered by a variety of sources
- Industrial temperature range: -40°C to +80°C/-40°F to +176°F - works in extreme conditions
- Redundant dual power inputs - reduces risk of power outage
- Compact design - efficient use of DIN rail
- Integral DIN mount



+5 to +30 Volt power input enables the device to be run from a standard car battery - ideal for in vehicle applications



Non conducting polyamide casing with removable numbered power terminal for easy wiring



Integral DIN mount and slim design takes up minimal cabinet space



GLOBAL ACCREDITATIONS



Complies with
UL60950-1

SW-515 COMPACT INDUSTRIAL 5 PORT GIGABIT ETHERNET SWITCH

No software needed: Simply plug in any ethernet cable

All Ethernet ports are Auto MDI/MDIX supporting straight through or crossover Ethernet cables

Integral DIN mount with ground

Automatic detection of data transmission speed: 10 or 100 or 1000 Mbps



-40°C to +80°C/-40°F to +176°F temperature range

Non-conducting polyamide case

Compact case - all round small profile

Power consumption is optimised based on the status of the link device

Dual redundant power input: +5VDC to +30VDC

Easy Wire Removable screw terminal block

Connectors

| | |
|-----------------|---|
| Screw Terminals | 3.5mm pitch, #22 - #14, 0.5mm ² -2.5mm ² pin power supply |
| Wire Thickness | 0.150 inch, 3.81mm, 20 pins, 12+8 screw terminals, #26 - #16 AWG, 0.14mm ² -1.3mm ² |

Power Supply

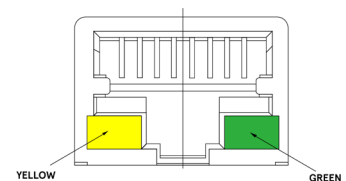
| | |
|--------------------|---|
| Power Consumption | 3.6W Max: 720mA@+5VDC/120mA@+30VDC |
| Power Supply input | Unregulated +5V to +30Volts DC, reverse polarity protection |
| Isolation | 1500VRMS Magnetic isolation from Ethernet |

Environmental

| | |
|---------------------------|--------------------------------|
| Operating Temperature | -40°C to +80°C/-40°F to +176°F |
| Storage Temperature | -40°C to +80°C/-40°F to +176°F |
| Ambient Relative Humidity | 5 to 95% (non-condensing) |

Magjack LED Information

| | | |
|-------------------|----------------|------------------------|
| Link/Activity LED | Solid green | Connection established |
| | Flashing Green | Data communication |
| Speed LED | Yellow | 1 Gbs |
| | Green | 100Mbps |
| | Both | 10Mbps |



Ethernet

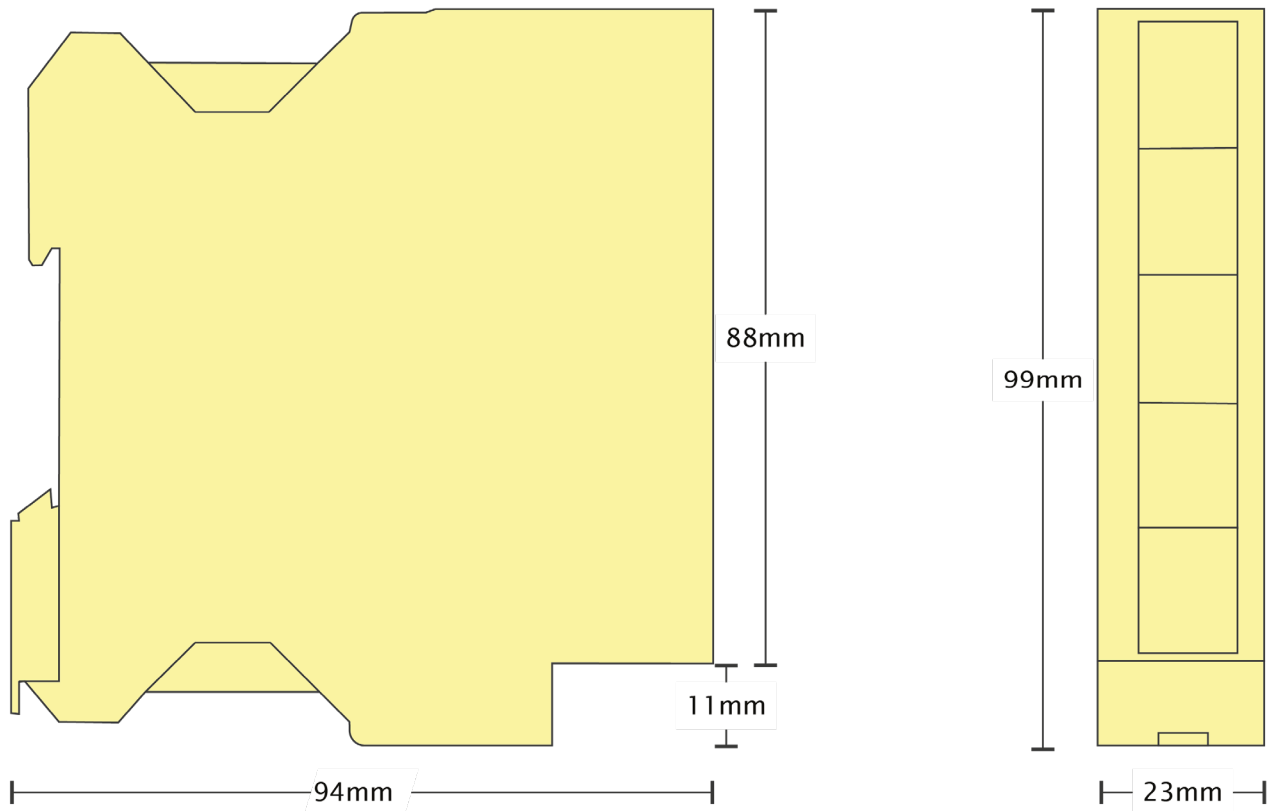
Ethernet Port 5 x RJ45 jack, 10/100/1000Mbps autosensing, crossover auto sensing (Auto MDIX)

Protection 1,500 Volts magnetic isolation between ports

Housing IP-30 rated non-conducting polyamide case

SW-515

COMPACT INDUSTRIAL 5 PORT GIGABIT ETHERNET SWITCH


Power Terminal Pin Outs

| PIN | FUNCTION |
|-----|------------------|
| 1 | -V |
| 2 | +VA |
| 3 | +VB |
| 4 | -V |
| 5 | Functional Earth |

Ethernet Ports x5 Pin Outs

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

Lifetime Warranty and Support:

We can help with every aspect of your project, from getting you up and running to custom application.

SW-515 COMPACT INDUSTRIAL 5 PORT GIGABIT ETHERNET SWITCH

Packaging Information

| | |
|---------------------|-----------------------------------|
| Packaging | Quick Start Guide |
| Device | Ethernet Switch 5 port |
| Packaged Weight | 0.199 kg, 7.02 ounces |
| Packaged Dims | 160x135x49 mm, 6.3x5.3x1.9 inches |
| GTIN Universal Code | 837324004281 |

Approvals

| | |
|--------------------|--|
| Industry Approvals | Microsoft Certified Gold Partner, WEEE, RoHS, AEO (C-TPAT), CE, METL Complies with UL 60950-1 |
|--------------------|--|

Product Support

| | |
|----------|---|
| Warranty | Lifetime - online registration required |
| Support | Lifetime web, email and phone support from fully qualified, friendly staff who work in and alongside the Product Development Team |

Additional Information

| | |
|--------------|--|
| OEM option | Available for bulk buy OEM |
| Made In | Manufactured in Great Britain (GB) by Brainboxes - Winner 2005 European Electronics Industry Awards 'Manufacturer of the Year' |
| Customisable | Brainboxes operate a 'Perfect Fit Custom Design' policy for volume users. More info:sales@brainboxes.com |



PW-600

Power supply with connectors for UK, USA, EU and AUS mains socket. 'Tails' are suitable for connecting to screw terminal blocks.



PW-650

Power supply with USB connector and prewired screw terminal block. Suitable for use with 5V USB ports.



SW Range

Switch products available in a range of formats and specifications.

www.brainboxes.com