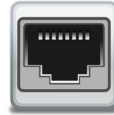
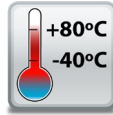


SW-508 Industrial 8 Port Ethernet Switch 10/100

8 Port Unmanaged Ethernet Switch DIN Mountable

- 8 Port 10/100 Mbs Ethernet Switch
- Redundant dual power inputs: +5V to +30V DC
- Compact design with integral DIN mount
- No software required - Simply plug in and connect
- Industrial temperature range



+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 provides Ethernet connection to multiple devices



Complies with
UL62368-1
CSA C22.2
E112324 No. 62368-1

SW-508

Industrial 8 Port Ethernet Switch 10/100

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 MBps
 2k Byte maximum packet size – improves the efficiency of bulk data transfer and system performance



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

Non-conducting polyamide case

Multiple ports in a small space

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 | 1.5 Watts Max : 300 mAmps@+5VDC/50mAmps@+30VDC |
| Power Supply input | Unregulated +5V to +30Volts DC, reverse polarity protection |
| Isolation | 1500VRMS Magnetic isolation from Ethernet |

Environmental

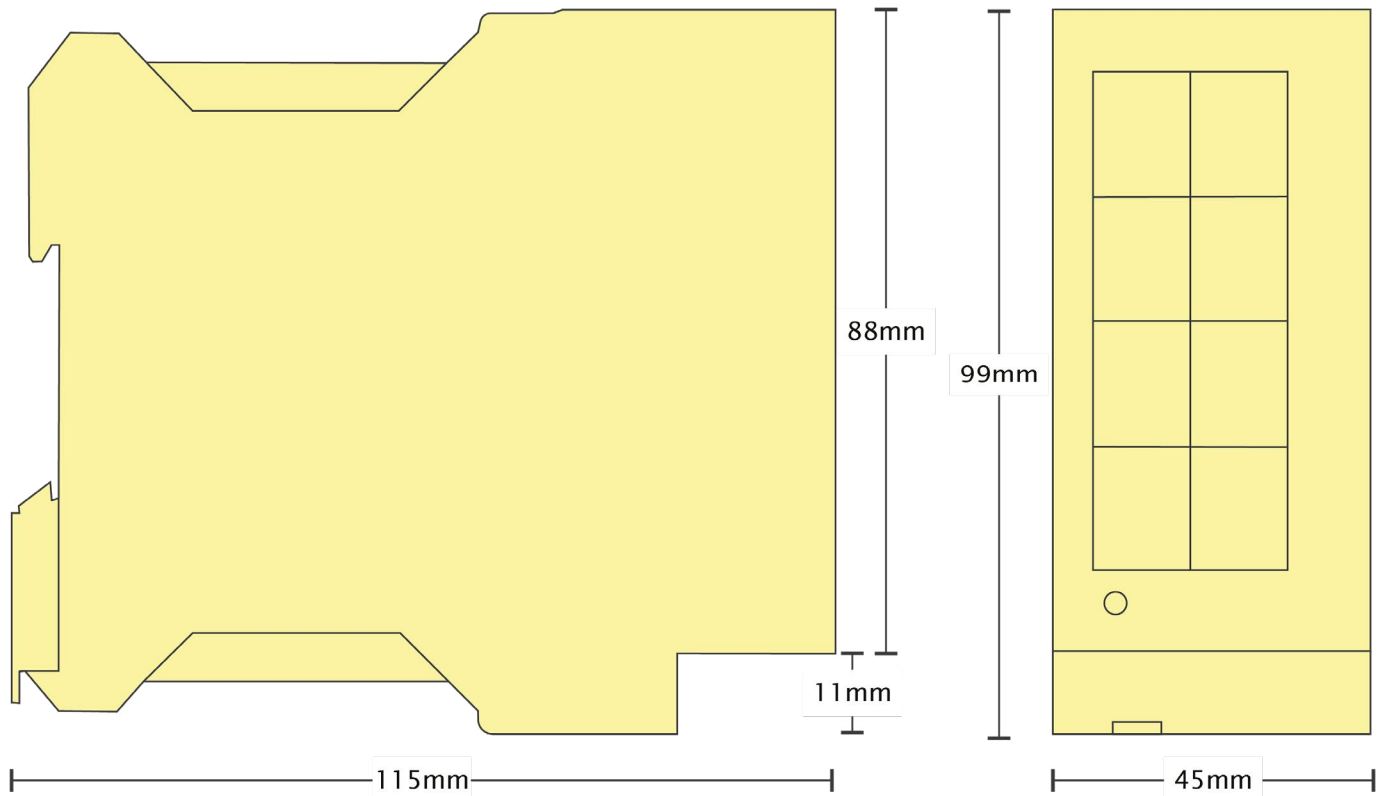
| | |
|---------------------------|--------------------------------|
| Operating Temperature | -40°C to +80°C/-40°F to +176°F |
| Storage Temperature | -40°C to +80°C/-40°F to +176°F |
| Ambient Relative Humidity | 5 to 95% (non-condensing) |

Magjack LED Information

| | | |
|-------------------|----------------|------------------------|
| Link/Activity LED | Solid green | Connection established |
| | Flashing Green | Data communication |

Ethernet

| | |
|---------------|--|
| Ethernet Port | 8 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 |

SW-508**Industrial 8 Port Ethernet Switch 10/100****Power Terminal Pin Outs**

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

Ethernet Ports x4 Pin Outs

| PIN | FUNCTION |
|------------|------------------|
| 1 | RD+ / TD+ |
| 2 | RD- / TD- |
| 3 | TD+ / RD+ |
| 4 | NC |
| 5 | NC |
| 6 | TD- / RD- |
| 7 | NC |
| 8 | NC |

Lifetime Warranty and Support:

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

SW-508

Industrial 8 Port Ethernet Switch 10/100

Packaging Information

| | |
|---------------------|-----------------------------------|
| Packaging | Quick Start Guide |
| Device | Ethernet Switch 8 port |
| Packaged Weight | 0.244 kg, 8.61 ounces |
| Packaged Dims | 160x135x49 mm, 6.3x5.3x1.9 inches |
| GTIN Universal Code | 837324003833 |

Approvals

| | |
|--------------------|--|
| Industry Approvals | Microsoft Certified Gold Partner, WEEE, RoHS, AEO (C-TPAT), CE, UKCA, METL Complies with UL62368-1 |
|--------------------|--|

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 the UK 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