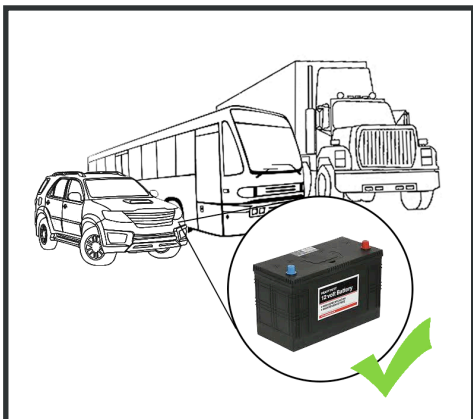
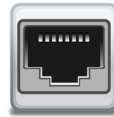
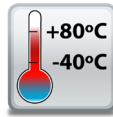


SW-705 Hardened 5 Port Ethernet Switch 10/100

5 Port Unmanaged Ethernet Switch Hardened DIN Mountable

- 5 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



Tough metal casing with removable numbered power terminal for easy wiring



Integral DIN mount and slim design takes up minimal cabinet space

SW-705

Hardened 5 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

Tough metal case

Compact case - all round small profile

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

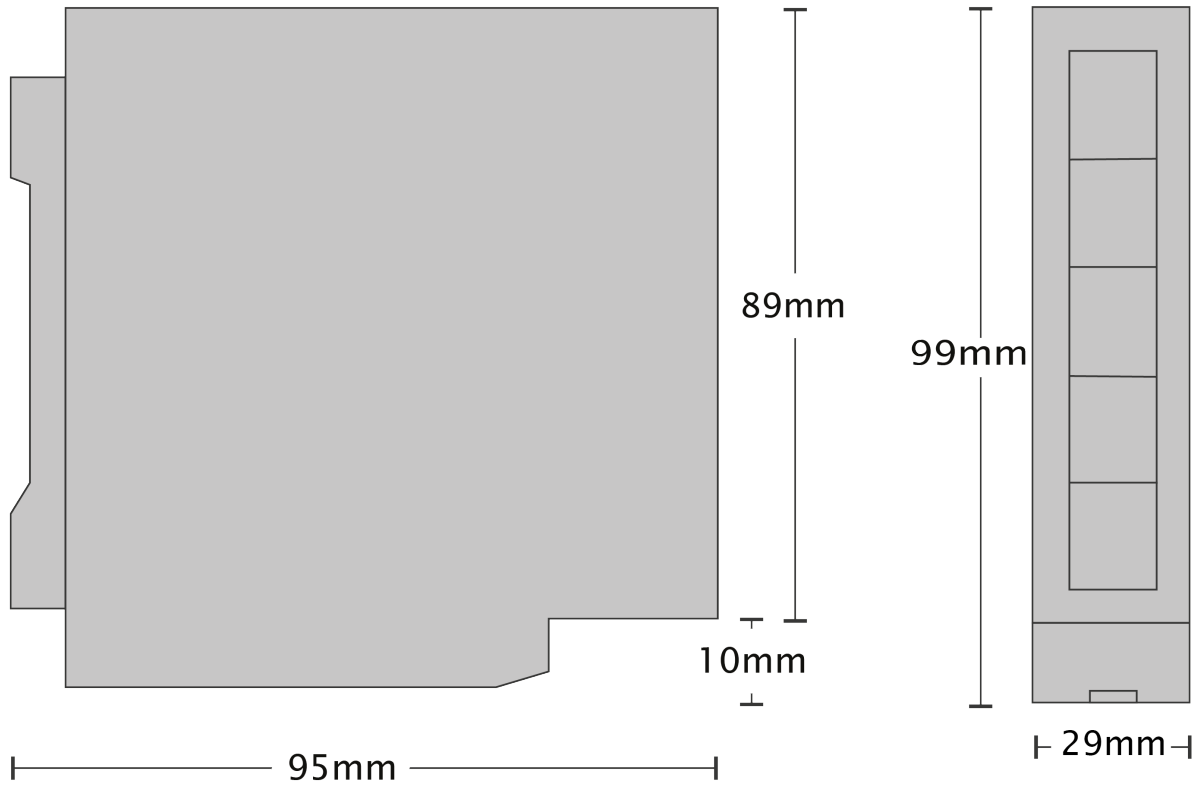
Dual redundant power input: +5VDC to +30VDC

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 | 1.35 Watts Max : 260 mAmps@+5VDC/45mAmps@+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 | 5 x RJ45 jack, 10/100Mhz autosensing, crossover auto sensing (Auto MDIX) |
| Protection | 1,500 Volts magnetic isolation between ports |
| Housing | IP-20 rated metal case |

SW-705

Hardened 5 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-705

Hardened 5 Port Ethernet Switch 10/100

Packaging Information

| | |
|---------------------|-----------------------------------|
| Packaging | Quick Start Guide |
| Device | Ethernet Switch 5 port |
| Packaged Weight | 0.338 kg, 11.92 ounces |
| Packaged Dims | 160x135x49 mm, 6.3x5.3x1.9 inches |
| GTIN Universal Code | 837324004182 |

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 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.

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