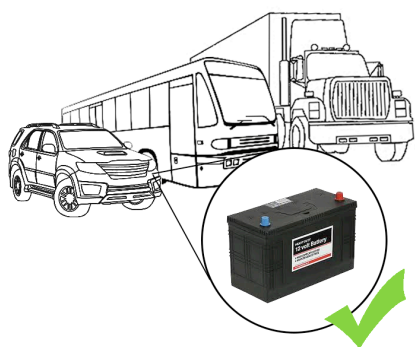
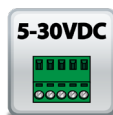
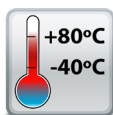


SW-115

EMBEDDED 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
- Mounting holes in PCB



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



Ideal for mounting within passenger information terminals or kiosks



Embedded format, takes up minimal space, with mounting holes connected to Functional Earth



SW-115

EMBEDDED INDUSTRIAL 5 PORT GIGABIT ETHERNET SWITCH

No software needed: Simply plug in any ethernet cable

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

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

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

Easy Wire Removable screw terminal block



Ready for embedded applications

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

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

Connectors

Screw Terminals

3.5mm pitch, #22 - #14, 0.5mm²-2.5mm² pin power supply

Wire Thickness

0.150 inch, 3.81mm, 20 pins, 12+8 screw terminals, #26 - #16 AWG, 0.14mm²-1.3mm²

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

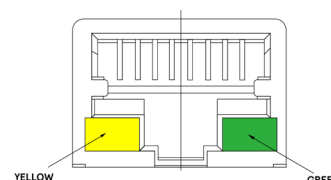
1 Gbs

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

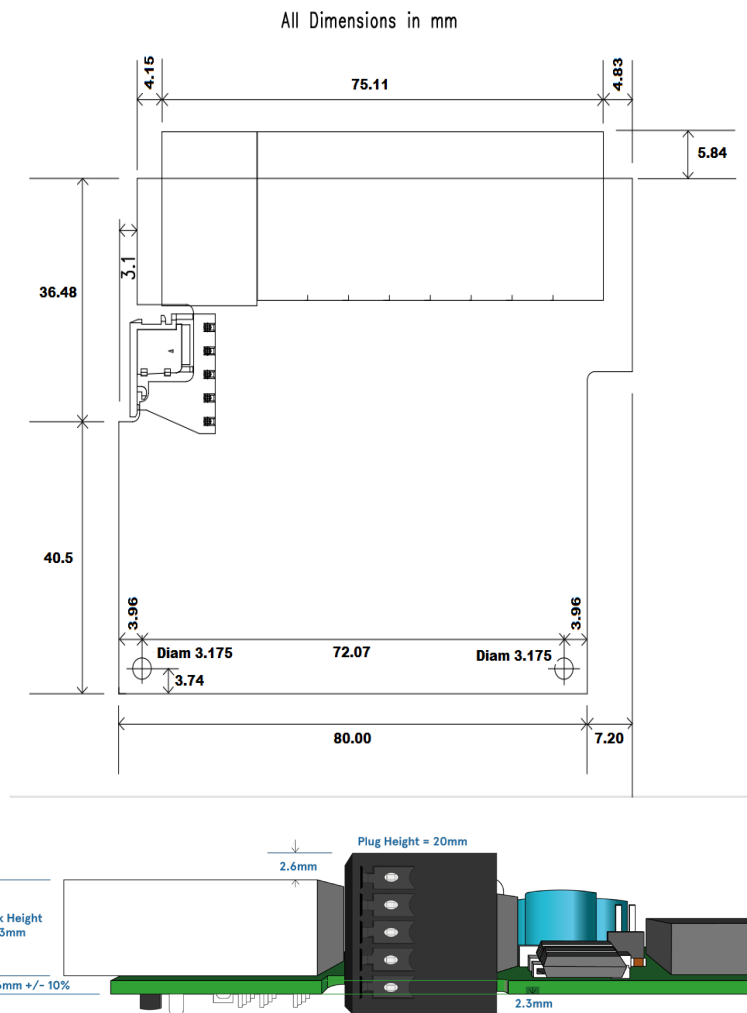
Housing

This device is uncased for embedded applications

The mounting holes are connected to Functional Earth

SW-115

EMBEDDED 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

SW-115 EMBEDDED INDUSTRIAL 5 PORT GIGABIT ETHERNET SWITCH

Packaging Information

Packaging	Quick Start Guide
Device	Embedded Industrial 5 Port Gigabit Ethernet Switch
Packaged Weight	0.088 kg, 3.10 ounces
Packaged Dims	160x135x49 mm, 6.3x5.3x1.9 inches
GTIN Universal Code	837324004304

Approvals

Industry Approvals	Microsoft Certified Gold Partner, WEEE, RoHS, AEO (C-TPAT), CE
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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