SW-008   8 Port Ethernet Switch 10/100
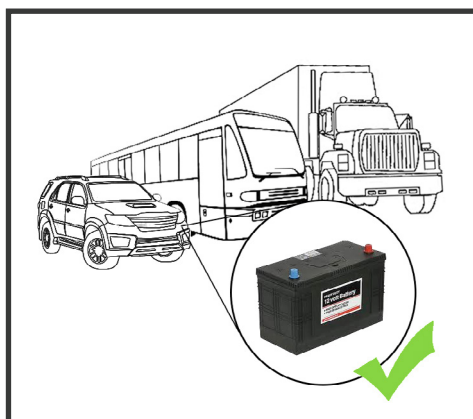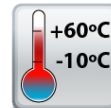
8 Port Unmanaged Ethernet Switch Wall Mountable
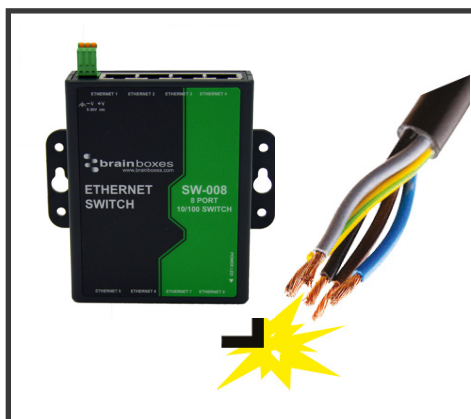
- 8 Port 10/100 Mbs Ethernet Switch
- Power input: +5V to +30V DC
- -10ºC to +60ºC/+14ºF to +140ºF temperature range
- Compact design with integral wall mount
- No software required - Simply plug in and connect
- Wall mountable, or DIN rail mountable with included mounting kit (MK-048)

UKCA	MET ® c us E112324 Complies with UL62368-1 CSA C22.2 No. 62368-1	CE	IP30	5	+60ºC -10ºC	DIN

+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 prevents electrical conduction – for safer installation

Integral wall mount option can be used with
MK-048 clips to allow DIN rail mounting

SW-008   8 Port Ethernet Switch 10/100

No software needed: Simply plug in any ethernet cable

Easy Wire Removable screw terminal block

Wide Range Input Power: +5VDC to +30VDC

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

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

Wall mount holes compatible with MK-048 DIN mount clips

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

IP30 Non-conducting polyamide case

-10ºC to +60ºC/+14ºF to +140ºF temperature range

Connectors	
Screw Terminals	3 way x 0.2inch/5.08mm pitch 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	-10ºC to +60ºC / +14ºF to +140ºF
Storage Temperature	-10ºC to +70ºC / +14ºF to +158ºF
Ambient Relative Humidity	5 to 95% (non-condensing)

Magjack LED Information		
Link/Activity LED	Solid green	Connection established
	Flashing Green	Data communication

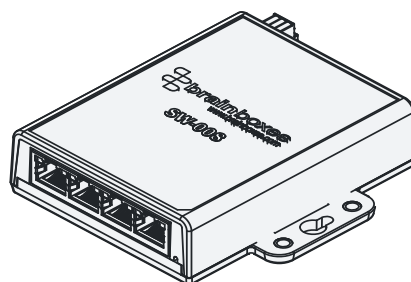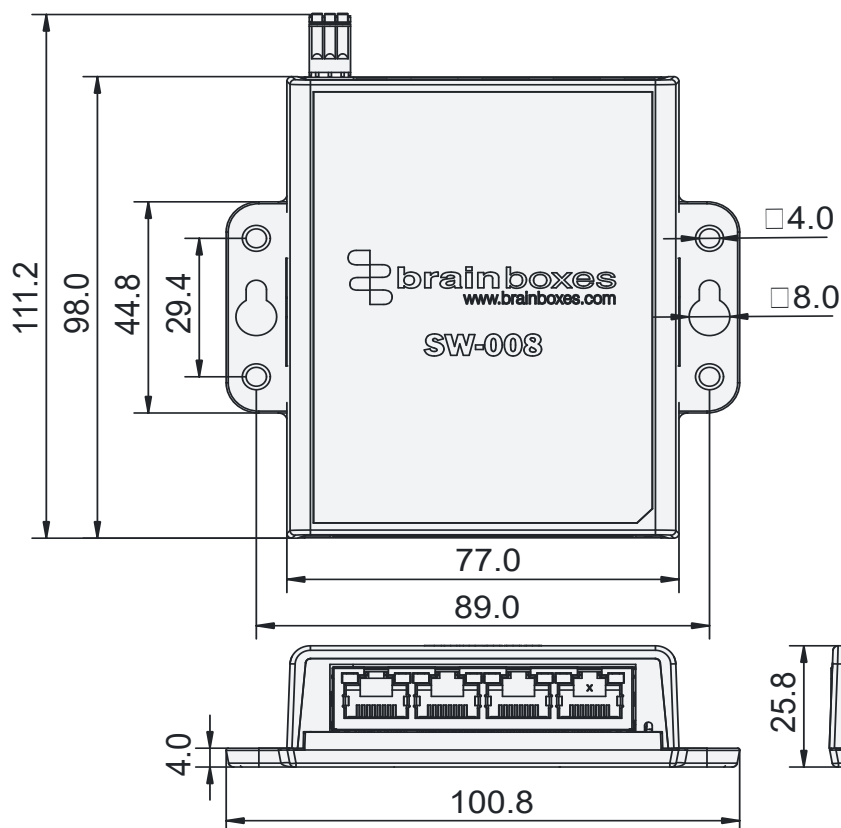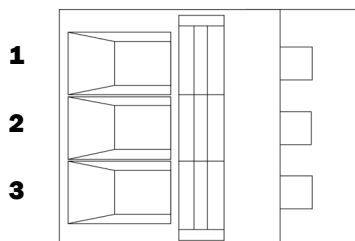| Ethernet	
Ethernet Port	8 x RJ45 jack, 10/100Mhz autosensing, crossover auto sensing (Auto MDIX)
Protection	1,500 Volts magnetic isolation between ports
Housing	IP-30 rated non-conducting polyamide case

SW-008
8 Port Ethernet Switch 10/100

□4.0
□8.0

111.2
98.0
44.8
29.4

77.0
89.0

4.0
100.8

25.8

All dimensions in mm
Tolerance +/- 0.5mm

Power Terminal Pin Outs

PIN	FUNCTION
1	+V Power
2	-V Power
3	Functional Earth

1
2
3

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-008   8 Port Ethernet Switch 10/100

Product Information	
Product Weight	0.129 kg, 4.55 ounces
Product Dimensions	100.8 x 111.2 x 25.8 mm, 4 x 4.4 x 1 inches

Packaging Information	
Packaging	Quick Start Guide
Device	8 Port Ethernet Switch
Packaged Weight	0.214 kg, 7.54 ounces
Packaged Dims	160x135x49 mm, 6.3x5.3x1.9 inches
GTIN Universal Code	837324004373

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

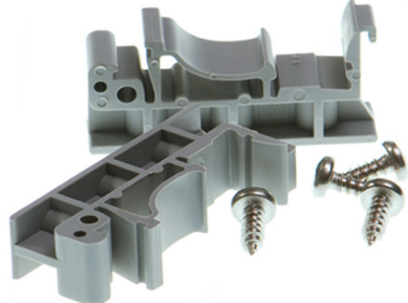| Product Support	
Warranty	Lifetime - online registration required
Support	Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team

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.

MK-048
DIN Rail Mounting Kit Suitable for attaching to SW-005 to make device clip on to a DIN rail.

SW Range
Switch products available in a range of formats and specifications.
www.brainboxes.com