Product Datasheet - Technical Specifications

More information in our Web-Shop at ▶ **www.meilhaus.com**

Your contact

Technical and commercial sales, price information, quotations, demo/test equipment, consulting:

Tel.:   **+49 - (0)81 41 - 52 71-0**

FAX: **+49 - (0)81 41 - 52 71-129**

E-Mail: **sales@meilhaus.com**

www.meilhaus.com

SW-015

5 Port Gigabit Ethernet Switch

5 Port Unmanaged Gigabit Ethernet Switch Wall Mountable

- · 5 Port Gigabit Ethernet Switch
- · Power input: +5V to +30V DC
- · Compact design with integral wall mount
- · -10ºC to +60ºC/+14ºF to +140ºF temperature range
- · Integral wall mount or optional DIN rail mount
- · Connection LEDs on each Port

| UK CA | c MET us ® E115041 | Complies with UL 60950-1 CSA C22.2 No. 60950-1 | CE | IP30 | 5 | +60ºC -10ºC | DIN |
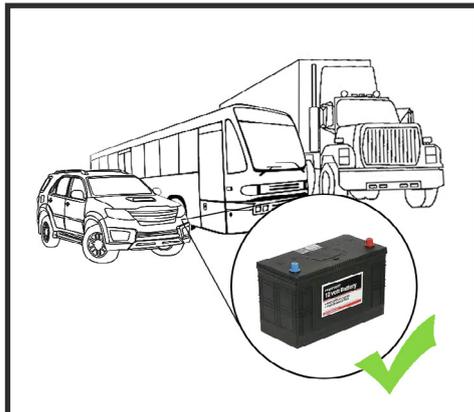
+5 to +30 Volt Power Input enables the device to be run from a standard car battery - ideal for in vehicle applications

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-015

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

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

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

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

Wall mount holes compatible with MK-048 DIN mount clips (MK-048 sold separately)

IP30 Non-conducting polyamide case

| 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	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	-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
Speed LED	Yellow	1Gbs
	Green	100Mbs
	Both	10Mbs

YELLOW   GREEN
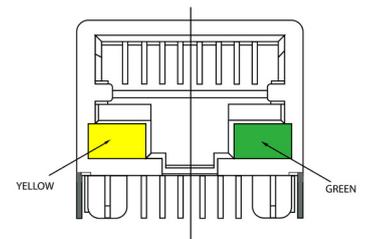
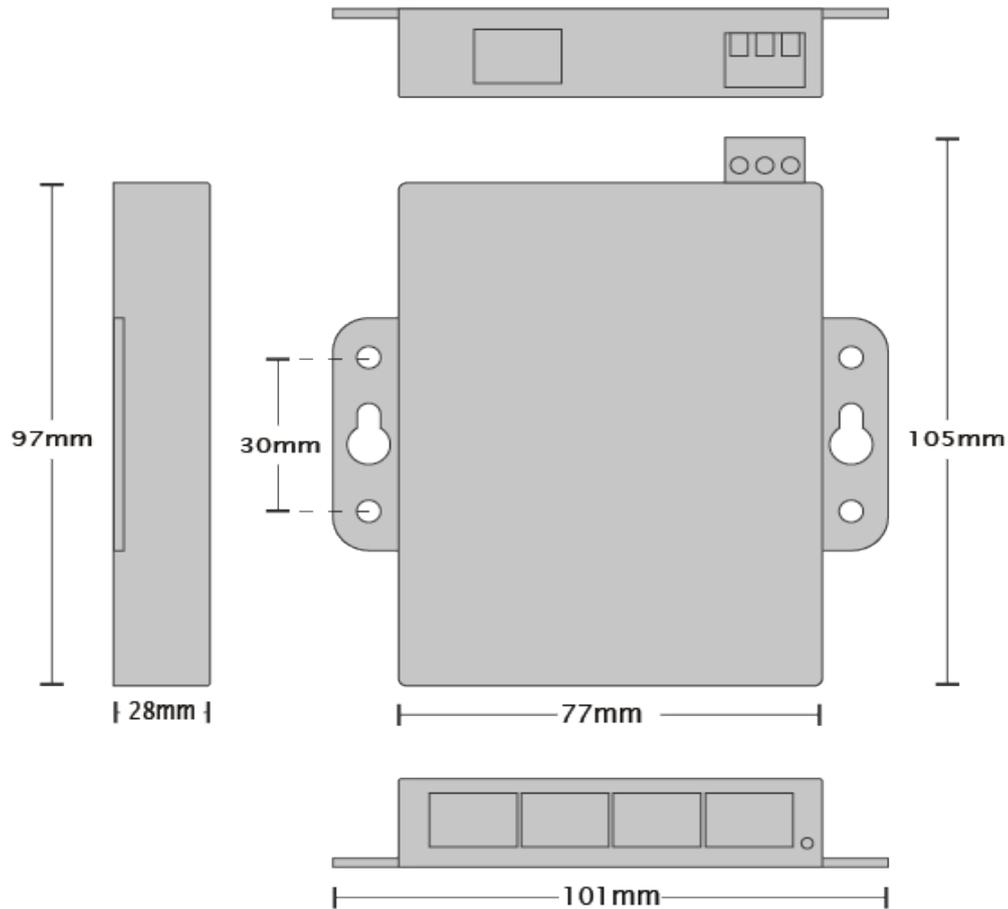| Ethernet	
Ethernet Port	5 x RJ45 jack, 10/100/1000Mbs autosensing, crossover auto sensing (Auto MDIX)
Protection	1,500 Volts magnetic isolation between ports
Housing	IP-30 rated non-conducting polyamide case

SW-015

5 Port Gigabit Ethernet Switch

Power Terminal Pin Outs

PIN	FUNCTION
1	+V Power
2	-V Power
3	Functional Earth
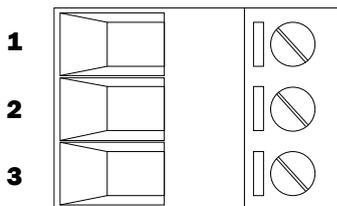
Ethernet Ports x4 Pin Outs

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-015

5 Port Gigabit Ethernet Switch

Product Information	
Product Weight	0.1289 kg/4.55 ounces
Product Dimensions	106x101x26 mm/4.2x4.0x1.1 inches

Packaging Information	
Packaging	Quick Start Guide
Device	5 Port Gigabit Ethernet Switch
Packaged Weight	0.209 kg/7.37 ounces
Packaged Dims	160x140x50mm/6.3x5.5x1.9 inches
GTIN Universal Code	837324004366

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

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 wide range of formats and specifications.