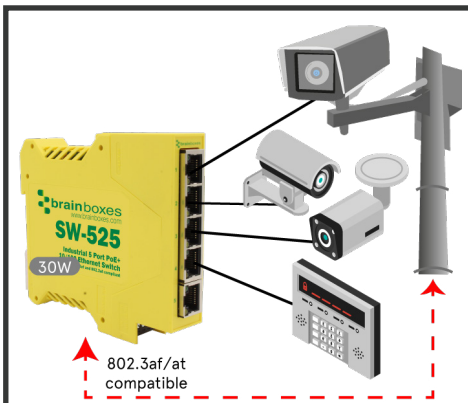
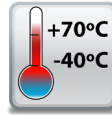


SW-525 Industrial 5 Port PoE+ 10/100 Ethernet Switch

5 Port (Ports 1-4 PoE+) Unmanaged 10/100 Ethernet Switch DIN Mountable

- 5 port PoE+ 10/100 Fast Ethernet device
- Ports 1-4 PoE+ capable
- Fully compliant to IEEE 802.3af/at
- PoE Power Budget: 90W @ 70°C
- Industrial temp range: -40°C to +70°C
- Redundant dual power inputs: +44V to +57V DC
- Compact design with integral DIN mount
- Allows power and data to be combined on the same Ethernet cable



Send power and data to remote CCTV cameras, PoE telephones, PoE Wifi access points, NVRs, and more



Non conducting polyamide casing with removable numbered power terminal for easy wiring



Integral DIN mount and slim design takes up minimal cabinet space

SW-525

Industrial 5 Port PoE+ 10/100 Ethernet Switch

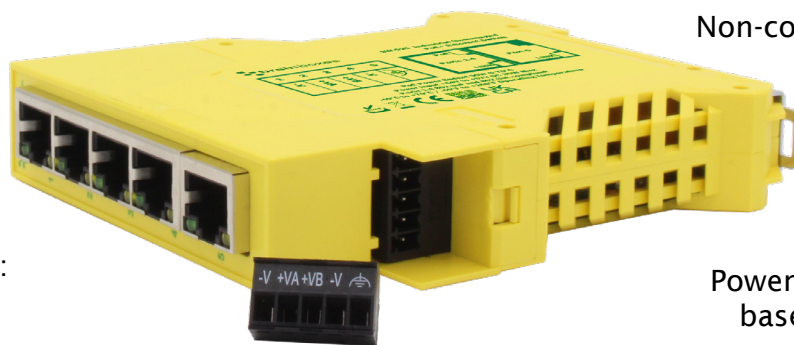
90W PoE Power Budget shared
between 4 Ethernet Ports

-40°C to +70°C/-40°F to +158°F
temperature range

Ports 1-4 IEEE 802.3af/
at compliant: deliver
up to 30W to each port
(backwards compatible)

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



Non-conducting polyamide case

Integral DIN mount with
ground

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

Easy Wire Removable screw
terminal block

Dual redundant power input:
+44VDC to +57VDC

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

4 Watts Max : 91mAmps@+44VDC/70mAmps@+57VDC

PoE Power Budget

90W @ 70°C

Power Supply input

Unregulated +44V to +57Volts DC, reverse polarity protection

Isolation

1500VRMS Magnetic isolation from Ethernet

Environmental

Operating Temperature

-40°C to +70°C/-40°F to +158°F

Storage Temperature

-40°C to +70°C/-40°F to +158°F

Ambient Relative Humidity

5 to 95% (non-condensing)

Magjack LED Information

Link/Activity LED

Solid green

Connection established

Flashing Green

Data communication

PoE Power LED
(Ports 1-4)

Solid Yellow

PoE Power ON

Flashing Yellow

Power Warning

Ethernet

Ethernet Port

5 x RJ45 jack, 10/100Mhz autosensing, crossover auto sensing (Auto MDIX)

Protection

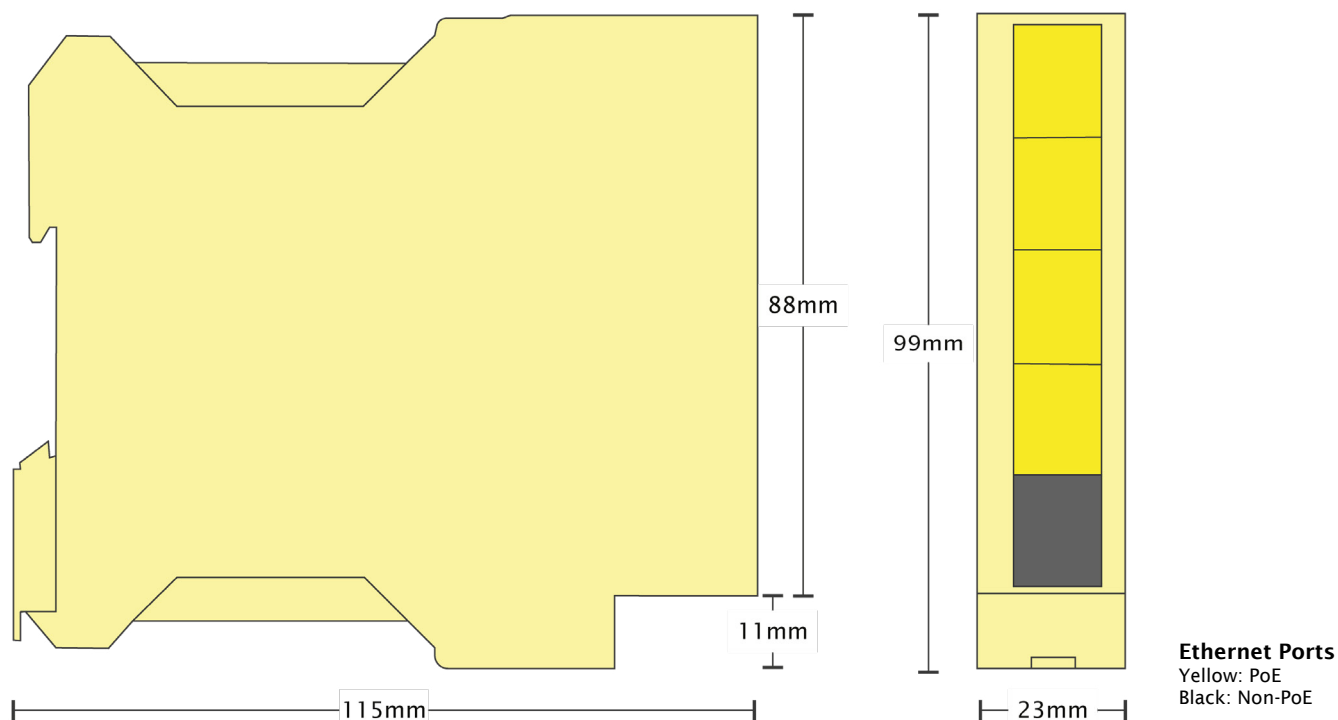
1,500 Volts magnetic isolation between ports

Housing

IP-20 rated non-conducting polyamide case

SW-525

Industrial 5 Port PoE+ 10/100 Ethernet Switch



Ethernet Ports x4 Pin Outs

PoE Pinout 1/2(V+) 3/6(V-) Endspan Mode A

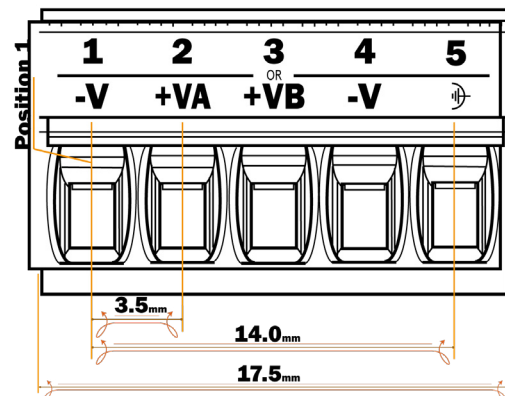
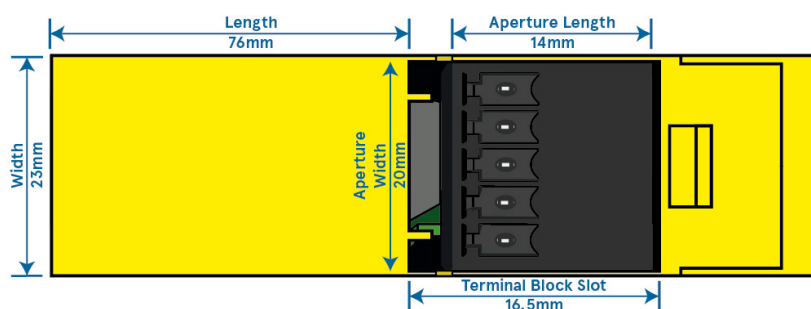
PIN	FUNCTION
1	Tx+ DC+
2	Tx- DC+
3	Rx+ DC-
4	unused
5	unused
6	Rx- DC-
7	unused
8	unused

Power Terminal Pin Outs

PIN	FUNCTION
1	-V
2	+VA
3	+VB
4	-V

5 position 3.5mm pitch socket compatible with Euroblock pluggable terminal block connectors

5 position 3.5mm pitch pluggable terminal block included



Lifetime Warranty and Support:

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

SW-525

Industrial 5 Port PoE+ 10/100 Ethernet Switch

Product Information

Product Weight	0.124 kg, 4.37 ounces
Product Dimensions	120x100x10 mm, 4.7x3.9x0.4 inches

Packaging Information

Packaging	Quick Start Guide, Device
Packaged Weight	0.226 kg, 7.97 ounces
Packaged Dims	160x135x49 mm, 6.3x5.3x1.9 inches
GTIN Universal Code	837324004533

Industry Approvals

HTS	METLABS E112324 complies with UL62368-1, CSA C22.2, No. 62368-1 Microsoft Certified Gold Partner, WEEE, RoHS, AEO (C-TPAT), CE, UKCA
ECCN	8517620000
CAGE	5A991.b
	8QCY6

Warranty

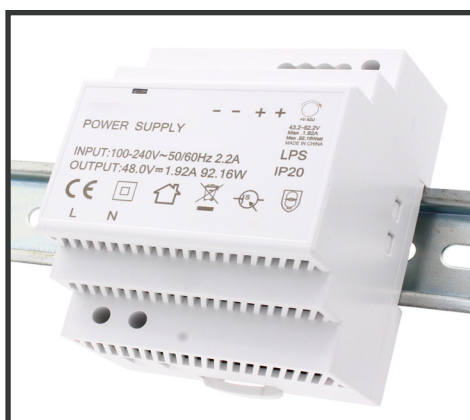
Support	Lifetime - online registration required
	Lifetime Web, Email & Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team

Standards

OEM option	ISO9001, ISO14001
COO (Country of Origin)	Available for bulk buy OEM
Made In	GB
Customisable	Manufactured in GB by Brainboxes
	Brainboxes operate a 'Perfect Fit Custom Design' policy for volume users More info: sales@brainboxes.com



PW-323
PoE Splitter



PW-301
DIN Rail Power Supply



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