19”/2® 8-p Switch ESW302

A breeze to use in any weather

The 19”/2 8-p Switch ESW302 gives you eight Ethernet ports in a compact form factor. There’s no need to configure the Switch before use – simply plug in your cables and you’ll have data streaming instantly. The switch conforms to the IEEE802.3i and IEEE802.3u standards for smooth integration with other devices.
With a rugged case that has a protection rating of IP54 against rain and dust, you can count on long-term performance in any environment.

Guaranteed performance

Our products always come with a lifetime support to ensure your equipment maintains peak performance for many missions to come. We also serve units and keep spare parts in stock for 5 years after end-of-life.

Mounting

All 19”/2 units can be mounted together in several different ways:

- One 19”/2 unit can be mounted in a 19” rack
- Two 19”/2 units can be mounted together in a 19” rack
- Two or more devices can also be stacked on top of each other

19”/2® 8-p Switch
ESW302

Technical Specification	
Description	8-port Ethernet Switch
Speed	10BaseT and 100BaseTX (Auto Negotiate)
Duplex	Full duplex IEEE 802.3x flow control. Half duplex back pressure flow control
Managed	No, unmanaged operation via strapping
VLAN	Not configurable
Other features	MDI/MDI-X auto crossover Wire speed reception and transmission
Interfaces (front)	8 x LAN 10 or 100 Mb/s (RJ45) 1 x DC In 10-32 V
Power Consumption	20 W (maximum)
Transient power protection	Surge & burst on DC in
Case	Aluminium
Dimensions	220 x 182 x 44 mm (W x D x H)
Weight	2 kg
Certifications	Designed to meet IP54, MIL-STD-810 and MIL-STD-461
Other	No fans

Designed to meet:

MIL-STD-810F	Operating	Storage
Altitude Method 500.4, *(procedure II,III)*	4572 m (15000 ft)	Rapid decompression 12180 m (40000 ft)
Humidity Method 507.4	Five 48 h test cycles	-
Shock Method 516.5, *(procedure I, IV)*	40 G, 11 ms (Terminal-peak saw tooth shock pulse)	122 cm (26 drops)*
Salt fog Method 509.4, (*Procedure I)*	-	Salt concentration of 5 % +-1 % (48 h wet +48 h dry/cycle)
Temperature Method 501.4 & Method 502.4, *(procedure I, II)*	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 70 °C (-40 °F to 158 °F)
Temperature shock Method 503.4 (procedure I)	-40 °C to +55 °C (-40 °F to +131 °F)	-
Vibration Method 514.5		
- Category 2	-	√
- Category 14	√	-
- Category 20 a & b	√	-

** Only with optional Peli Case*

Designed to meet:

MIL-STD-461F	Limitation	Threshold
EMI radiated Method RE102	10 kHz to 18 GHz	Navy Mobile & Army
EMI radiated Method RS103	2 MHz to 1 GHz	Army
EMI conducted Method CE102	10 kHz to 10 Mhz	Basic Curve
EMI conducted Method CS101	30 Hz to 150 kHz	Curve #1
EMI conducted Method CS114	10 kHz to 200 MHz	Army
EMI conducted Method CS115	Tested according to standard	Army
EMI conducted Method CS116	10 kHz to 100 MHz	Army

ISO 9001: Certificate No. FM68727
ISO 14001: Certificate No. EMS554313

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