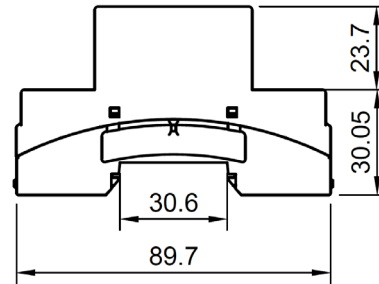
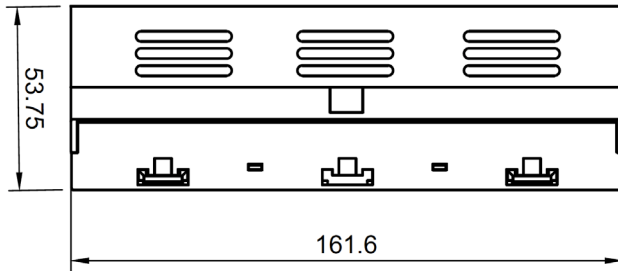
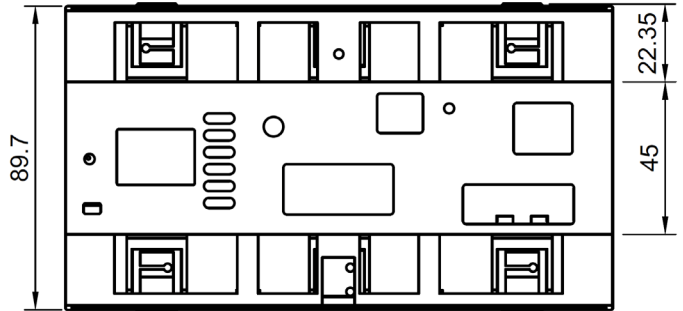
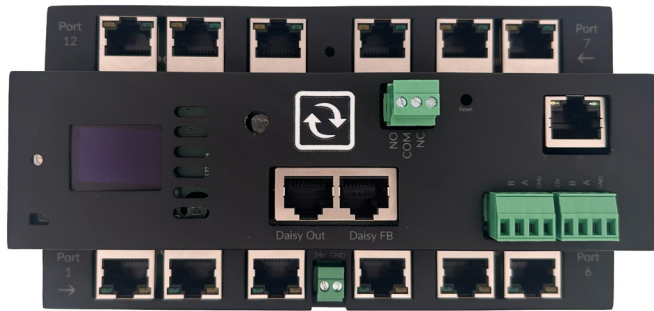




Base Unit (S-BASE-7)



units in mm

The S-BASE-7 is the latest version of the SwitchMon Base Unit. It serves as the foundational unit for the entire SwitchMon architecture. It includes built-in features for EPMS & BMS integration via SNMP, Modbus, BACnet IP and MQTT. This Base Unit has dedicated ports for Daisy Chain setup, two RS485 terminal blocks, and 12 sensor ports. Additionally, S-BASE-7 supports NFPA 70B electrical maintenance programs & FM loss prevention.

Sensor Metrics:

Relay output	1
TCP/IP	IPv4 at 10/100 Mbps
Built-in alerting options	Email and SNMP traps
Network protocol	DHCP, IPv4, and IPv6 support
Security	HTTPS TLS 1.2, Email TLS
Temperature accuracy	±0.48°C (0.86°F)
Temperature range	-40°C to 125°C (-40°F to 257°F)
Relative humidity accuracy	±1.8% RH
Relative humidity range	0 to 100% RH

Technical Specifications:

Storage	2GB of on-board data (sensor) logging
Powered by	PoE+ (30W) or 24V DC input via terminal block
Connectivity	RJ45 cable transmitting data & power from Base Unit to Sensor
Cable specification	RJ45 CAT 6/7 recommended Up to 100m (330ft) subject to cable quality & interference
Power usage	2527.34mW (without sensors attached)
Industrial IP protocols	Web server, SNMP v2 & v3, Modbus TCP & RTU, MQTT, BACnet IP

Environmental Specifications:

Operating temperature range	-25°C to +70°C (13°F to +158°F)
Humidity (operating and storage)	<90% RH (non-condensating)

Physical Specifications:

Sensor enclosure	UL-rated plastic enclosure
Mounting option	DIN rail mount
Dimensions	161.6mm (6.4") x 89.7mm (3.5") x 53.75mm (2.1")
Weight	337.1g (0.74lbs)