GENERAL INFORMATION

The Mosaic Ethernet Switch allows for multiple Mosaic Controllers, accessories, and devices to be network together. The Mosaic Switch offers six unmanaged Ethernet ports, with four ports providing Power over Ethernet (PoE) in a compact DIN rail format making it the perfect accessory for any Mosaic Control System.

APPLICATIONS
- Mosaic systems that require network connections
- Systems that use PoE to power controllers or accessories

FEATURES
- Six-port, unmanaged Ethernet switch with four PoE ports
- RJ45 connections for 10/100Base-TX Ethernet
- Supports sACN, Art-Net, KiNet and other Ethernet protocols
- Low voltage 48VDC power input
- Installer friendly for permanent installation with rising clamp terminal connections
- DIN rail installation

REGULATORY AND COMPLIANCE
- cETLus Listed
  - Conforms to UL-60950-1
  - Certified to CAN/CSA-C22.2 No. 60950-1
- CE Compliant
- Compliant with California Title 20/24 when properly installed and configured

ORDERING INFORMATION

Mosaic Ethernet Switch

MODEL	DESCRIPTION
MSC-NET2	Mosaic 6-port Ethernet Switch with PoE

Related Show Controllers

MODEL	DESCRIPTION
MTPC	Tessera Panel Controller
MSC_[1]	Mosaic Show Controller
MSCX	High-capacity Show Controller
MALC	Mosaic Atlas
MALCP	Mosaic Atlas Pro

[1] Available with one(1), two(2) or four(4) DMX universe output(s)

Related Products

MODEL	DESCRIPTION
MTPC-RIO	Tessera Remote Input/Output Device
M108-__	Button Station
M-TS	Mosaic Touchscreen
MRIO-A	Audio/Timecode Remote Device
MRIO-D	DALI Remote Device
MRIO-I/O	Input/Output Remote Device w/ Serial
MSC-OPTO	Four-port DMX/RDM Splitter

ETC

SPECIFICATIONS

GENERAL
- No configuration required
- Standard Ethernet connections using RJ45 connections
- Five year warranty

MECHANICAL
- Six unit wide DIN Enclosure complies with DIN43880 and EN60715 (35/7.5 rail)
- Rugged aluminum enclosure
- Wiring connections use plug-able rising clamp terminals

ELECTRICAL
- Six RJ45 connections support 10/100Base-TX Ethernet
  - Link and data LEDs
  - Static and DHCP addressing support
- Four ports provide Power over Ethernet (IEEE 802.3af)
- PoE device detection and classification (Class 0 to Class 4)
- Auto detection for full or half duplex operation
- Auto speed detection per port (10/100Base-TX)
- Supports auto detection of cable type for uplink
- Individual indicators for port activity
- Independent isolation per port
- 48 VDC power input
- Power consumption dependant on load, 100 W maximum

THERMAL
- Ambient temperature: 0°–50° C (32°–122° F)
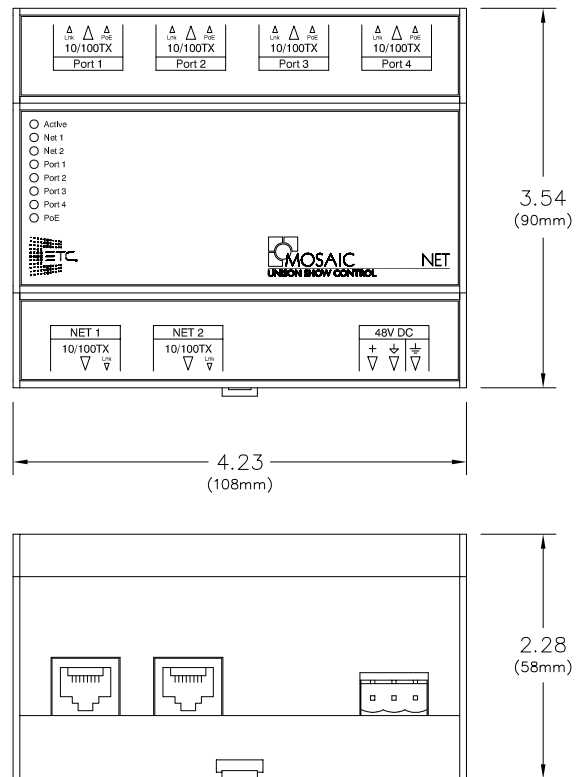- 10–50% relative humidity, non-condensing

PHYSICAL

Ethernet Switch Dimensions*

MODEL	HEIGHT		WIDTH		DEPTH	
	in	mm	in	mm	in	mm
MSC-NET2	3.54	90	4.23	108	2.28	58

Ethernet Switch Weights*

MODEL	WEIGHT		SHIPPING WEIGHT	
	lb	kg	lb	kg
MSC-NET2	0.79	0.36	1.60	0.70

*Weights and dimensions typical

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