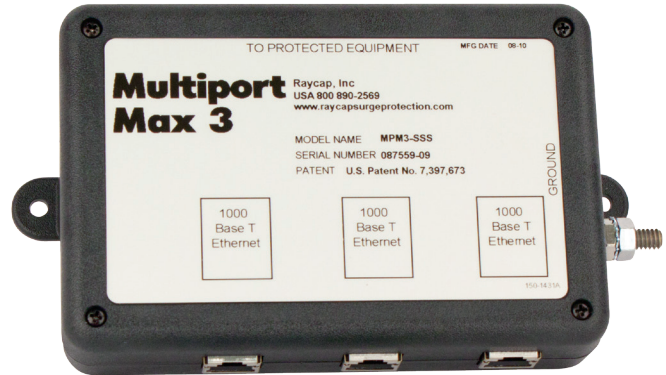# Data Surge Protection Solutions
Multiport Max 3

The Multiport Max 3 lets users protect up to three separate lines and modules can be replaced and or upgraded independently.

ACData®

Features

- Innovative modular design allows for custom protection configurations
- Modules can be removed, replaced and/or upgraded independently
- Separate modules available for
  - 1000 Base-T shielded Gigabit Ethernet (GigE)
  - Power over Ethernet (PoE) 1000 Base-T shielded GigE is UL497B 5th Edition Listed
- Double lug grounding available

Benefits

Field upgradable protects shielded Gigabit Ethernet (GigE) or shielded Power Over Ethernet (PoE)

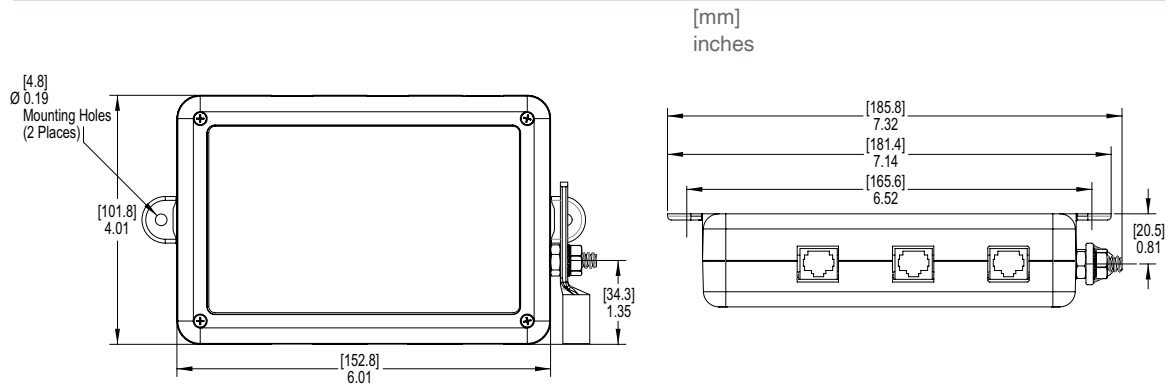## Basic Applications

- Light-industrial
- Telecommunications

Raycap

ACData®

Electrical		Base Model MPM3-XXX	
Module Specifications		SM0010	NM0060*
	Breakdown Voltage	-	120 VDC to 140 VDC
	Accumulative Surge Current Capacity [I_{max}]	<3 kA 8/20 µs	<3 kA 8/20 µs
	Suppression Technology	TBU + GDT	SAD + GDT
	Connection Type	1000 Base-T GigE Ethernet Modules	PoE 1000 Base-T GigE Ethernet Modules
	Pins Protected	1 & 2, 3 & 6, 4 & 5, 7 & 8	1 & 2, 3 & 6, 4 & 5, 7 & 8
	Connection Method	8 RJ45 Shielded Modular Jack	RJ45 Shielded Modular Jack

Mechanical		Base Model MPM3-XXX
	OperatingTemperature (°C)	-40° C to +80° C
	Enclosure Type (Indoor)	TABS Plastic, UL 94 V0 Rated
	Enclosure Dimension (L × W × H)	7.32″ × 4.01″ × 1.62″ [185.8 × 101.8 × 41.0 mm]
	Weight	1.0 lbs [.45 kg]

Optional Configurations		Part Number-Suffix
	Double Lug Grounding (DL)	*(See key to Part Numbering System below.)* MPM3-XXX-**DL**

Standards Compliance & Certifications		
	*Standards	UL 497B 5th Edition: 2008, UL 1283 5th Edition: 2009
	Certification	UL

Product Diagram

[mm]
inches

Part Numbering System
Naming Configuration

MPM3 - XXX - DL
  1   2   3

1 = Multiport Max 3 Enclosure MPM3
2 = Port Configuration
  X = Blank (port is empty)
  S = 1000 Base-T GigE Ethernet Shielded
  N = PoE 1000 Base-T GigE Ethernet

Example
MPM3-**SNN**
    Port 1 = Shielded GigE
Port 2 & 3 = PoE 1000 Base-T GigE Ethernet

†GigE configurations require two ports each side by side.

BTU = Transient Blocking Unit
GDT = Gas Discharge Tube

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