760205278 | PM-PS-48

PatchMAX PowerSUM 48 Port Panel

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	SYSTIMAX®
Product Type	RJ45 patch panel
Product Brand	PATCHMAX®	PowerSUM

General Specifications

ANSI/TIA Category	5e
Cable Type	Unshielded
Color	Black
Conductor Type	Solid	Stranded
Modules, quantity	8
Rack Type	EIA 19 in
Rack Units	3
Termination Type	IDC
Total Ports, quantity	48
Transmission Standards	ANSI/TIA-568.2-D	ISO/IEC 11801 Class E
Wiring	T568A	T568B

Dimensions

Height	134.37 mm	5.29 in
Width	482.6 mm	19 in
Depth	206.5 mm	8.13 in
Compatible Diameter Over Dielectric, maximum	1.168 mm	0.046 in

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Compatible Diameter Over Dielectric, minimum	0.762 mm	0.03 in
Compatible Conductor Gauge, solid	22 AWG	24 AWG
Compatible Conductor Gauge, stranded	22 AWG	24 AWG

Electrical Specifications

Current Rating at Temperature	1.5 A @ 20 °C	1.5 A @ 68 °F
Dielectric Withstand Voltage, RMS, conductive surface	1,500 Vac @ 60 Hz
Dielectric Withstand Voltage, RMS, contact-to-contact	1,000 Vac @ 60 Hz
Insulation Resistance, minimum	500 MOhm
Remote Powering	Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A

Material Specifications

Contact Plating Material	Precious metals
Material Type	High-impact, flame retardant, thermoplastic	Powder-coated steel
Termination Contact Plating	Nickel

Mechanical Specifications

Plug Insertion Life, minimum	750 times
Plug Insertion Life, test plug	IEC 60603-7 compliant plug
Plug Retention Force, minimum	133 N	29.9 lbf

Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative Humidity	Up to 95%, non-condensing
Flammability Rating	UL 94 V-0
Safety Standard	UL	cUL

Packaging and Weights

Packaging quantity	1

Regulatory Compliance/Certifications

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Agency

Classification

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system

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