SmartZone™ G5 Intelligent Power Distribution Units (iPDUs)

PANDUIT®
SPECIFICATION SHEET

overview

The SmartZone G5 iPDU is more than a power distribution unit and energy monitoring device. These iPDUs monitor the data center power and environment (at the rack or cabinet level), by continuously scanning for electrical circuit overloads, and physical environmental conditions that place critical IT equipment at risk. The iPDUs provide comprehensive, accurate, energy measurement data to efficiently use power resources, make informed capacity planning decisions, improve uptime, measure PUE (power usage effectiveness), and drive green data center initiatives to save energy and money.

Making the right choice in IT equipment is essential for a safe, efficient data center operation. Panduit's full range of iPDUs, environmental sensors, and dual locking power cords are the key to fulfilling mission-critical data center needs.



technical information

		Height In. (mm)	Width In. (mm)	Depth In. (mm)
Dimensions:	**1U:**	1.6 (40.6)	17.5 (444.5)	2.0 (50.8)
	1U:	1.7 (43.2)	17.5 (444.5)	7.8 (198.1)
	1U:	1.7 (43.2)	17.5 (444.5)	10.6 (269.2)
	2U:	3.4 (86.4)	17.5 (444.5)	7.8 (198.1)
	0U HALF:	32.2 (818)	2.0 (51)	2.1 (53)
	0U MID:	58.6 (1488)	2.0 (51)	2.1 (53)
	0U MID:	58.6 (1488)	2.2 (56)	2.4 (61)
	0U MID:	58.6 (1488)	58.6 (1488)	2.9 (74)
	0U FULL:	68.9 (1750.1)	2.0 (50.8)	2.1 (53.3)
	0U FULL:	70 (1778)	2.2 (56)	2.4 (61)
	0U FULL:	70 (1778)	2.2 (56)	2.9 (74)
	0U FULL:	72 (1829)	2.2 (56)	2.9 (74)
	0U FULL +:	74.6 (1896)	2.0 (50.8)	2.1 (53.3)
	0U FULL Wide:	74.0 (1880)	3.3 (83.8)	2.1 (53.3)
	0U FULL Wide:	68.9 (1750)	3.3 (84)	2.1 (53)
	0U FULL Wide:	70 (1778)	3.3 (84)	2.9 (74)
	0U FULL Wide +:	70 (1778)	4.1 (104)	2.9 (74)
Mounting:	Vertical units provide up to 48 outlets and without encroaching on the EIA space. Horizontal units provide up to 16 outlets and mount in standard (1U or 2U) TIA/EIA rack space.			

key features and benefits

Combination outlets‡:	Combination outlets provide the ultimate in flexibility by allowing a customer to use an outlet as either an C13/C15 outlet or a C13/C15/C19/C21 outlet respectively. All combination outlets also accept the Panduit dual locking power cords to eliminate accidental disconnects.
Dual rated PDUs:	Simplify your supply chain by selecting a Dual Rated PDU. Dual rated PDUs have ratings and NRTL approvals for both North American & EMEA on the same part number.
HotSwappable controller:	Replace the controller and display module without having to power down the rack
Redundant network access:	Specifically designed for Landlord/Tenant (Co-Lo's) allowing for remote access of real-time, vital statistics and operating information on two separate, secure networks
Hardened security:	SNMP v3, TLS, Encrypted Security; allows for Panduit PDUs to pass standard popular industry certified security scans
1 GB ethernet:	Reduces deployment time by auto-negotiating with data center level network switches
Plug & play sensors:	Digital sensors not only allow for multiple sensors on the same bus; but also identify themselves to the controller to simplify setup and commissioning
Multi-color PDUs:	Different color PDUs simplify power feed identification in redundant power schemes
Mobile & desktop friendly web GUI:	Enhanced web interface that detects the type of device that you are on (laptop, tablet or smart phone); and automatically adjusts the screen for an optimal experience

(continued on the next page.)

key features and benefits (continued)

Outlet density:	Meets demands of densely packed IT equipment in rack or cabinet space
Form factor:	Optimal form factor enables efficient rack space utilization and airflow
Operating temperature:	60°C ambient at full load for operational reliability in high temperature areas
Cable retention:	Innovative cable tie accepting outlets allow for secure cord retention (C13 & C19 only) using a cable tie for added safety and security. (Panduit part number: PLT2I-C0)
Circuit breakers:	Protects data center equipment for increased reliability by interrupting potentially hazardous circuit over-current conditions*
Color coded circuits*:	Easily identify phase to outlet banks to aid in fault isolation or load balancing
External chassis ground:	Meets NEC requirements and installation guidelines for IT equipment
Load balancing:	Monitored through visual display on oLED (for three-phase units only)
Multiple input plug options:	A full breadth offering to seamlessly interoperate with existing building power wiring schemes
Multiple mounting options:	Enables simple out of the box commissioning and flexibility with Panduit cabinets and industry standard mounting features enabling installation into third party cabinets
Mounting buttons:	Allows tool-less mounting of rack PDUs for faster installations on vertical 0U units
Supported metering:	Frequency, VA, PF, plus aggregate and per phase Amperage, Voltage, Wattage, and Kilowatts per hour

‡Applies to products outfitted with combination outlets
*Applies to products outfitted with circuit breakers

iPDU product families

MI series:	Rack PDUs that have the ability for aggregate power monitoring to quickly identify potential power issues, and reclaim available or under-utilized power capacity.
MS series:	Rack PDUs that have the ability for aggregate power monitoring and outlet level switching capabilities for individual outlets or a group of outlets. Enabling power sequencing, rebooting equipment or restrict unauthorized use of individual outlets.
MPO series:	Rack PDUs that have the ability for outlet level (and aggregate) power monitoring to quickly identify potential power issues, and reclaim available or under-utilized power capacity at the outlet level enabling the redeployment or decommissioning of individual servers to reclaim available or under-utilized power capacity.
MSPO series:	Rack PDUs that have the ability for outlet level (and aggregate) power monitoring and outlet level switching capabilities for individual outlets or a group of outlets. Power monitoring at the individual outlet level provides actionable management data on the power consumption of each connected IT device enabling the redeployment or decommissioning of individual servers to reclaim available or under-utilized power capacity. Ideal for remote power reset, and cabinet power on sequencing and restrict unauthorized use of individual outlets.

electrical specifications

Input voltage:	**North America** • Single-Phase 120 V • Single-Phase 208 V • Three-Phase Delta 208 V • Three-Phase Wye 120/208 V • Three-Phase Wye 415 V	**International models** • Single-Phase 240 V • Three-Phase Wye 240/415 V (for Japan 415 V only) Three-Phase Delta 208 V
Input current: (per phase)	**North America** • 15A, 20A, 30A, 50A, 60A	**International models** • 16A, 32A
Input power:	**North America** • 1.4 – 17.3 (kVA)	**International models** • 3.7 – 22 (kVA)
Input frequency:	50/60 Hz	
Output voltage:	120 – 240 VAC	
Maximum output current: (outlet)	IEC C13: 10A IEC C19: 16A NEMA 5-20R: 16A	
Overload protection: (where applicable)	Circuit Breakers, hydraulic magnetic	

10 kAIC Circuit Breakers for all 415 V models for North America

general specifications

Temperature: operating	50°F to 140°F (10°C to 60°C)
Temperature: storage	-4°F to 140°F (-20°C to 60°C)
Relative humidity: operating	10% to 90% non-condensing
Relative humidity: non-operating	5% to 95% RH
Relative humidity: storage	5% to 95%
Elevation: operating	0 to 10,000 ft. (0 to 3000m)
Elevation: storage	0 to 30,000 ft. (0 to 9144m)
Conformance standards:	North America - UL, CB Test Approved File number: E218078 International - CE Approved, EAC Russia Approval
Environmental compliances:	RoHS & REACH

cabinet compatibility

Panduit iPDUs can be easily installed into Panduit (or third party cabinets) by utilizing the installed mounting buttons (18.4 mm diameter). Where necessary, a Small Diameter (14.5 mm) mounting button is available (sold separately, P/N: MA018). Panduit PDUs feature threaded inserts on the back and both sides for the ultimate in mounting flexibility. They safely and efficiently manage and distribute power to multiple devices through a single input power connector, per PDU, to enhance scalability of network build outs.

Monitored Input – MI Series

	Region	Input Current per Phase	Form Factor	Input Plug Type	Circuit Breakers	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (In.)	Width (In.)	Depth (inches) at Outlet Position	Panduit SKU Part No.
100-240VAC, 1-Phase	NA	15	1U	5-15P	0	1.4	8	(8)5-20R	1.7	17.5	10.6	P08D09M
	INTL	16	1U	IEC 60309 2P+E 6h (IP44)	0	3.7	12	(12)C13	1.7	17.5	10.6	P12D36M
	NA	20	1U	5-20P	0	1.9	8	(8)5-20R	1.7	17.5	10.6	P08D10M
	NA	20	1U	L5-20P	0	1.9	8	(8)5-20R	1.7	17.5	10.6	P08D11M
	NA	20	1U	L6-20P	0	3.3	12	(12)C13	1.7	17.5	10.6	P12D13M
	NA	30	2U	L5-30P	2	2.9	16	(16)5-20R	3.4	17.5	10.6	P16D12M
	NA	30	2U	L6-30P	2	5.0	16	(12)C13, (4)C19	3.4	17.5	10.6	P16D14M
	INTL	32	2U	IEC 60309 2P+E 6h (IP44)	2	7.4	16	(12)C13, (4)C19	3.4	17.5	10.6	P16D37M
	NA	15	0U HALF	5-15P	0	1.4	16	(16)5-20R	32.2	2.0	2.1	P16D20M
	NA	20	0U HALF	5-20P	0	1.9	16	(16)5-20R	32.2	2.0	2.1	P16D21M
	NA	20	0U HALF	L5-20P	0	1.9	16	(16)5-20R	32.2	2.0	2.1	P16D22M
	INTL	16	0U MID	IEC 60309 2P+E 6h (IP44)	0	3.7	24	(20)C13, (4)C19	58.7	2.0	2.1	P24D40M
	NA	20	0U MID	L6-20P	0	3.3	24	(20)C13, (4)C19	58.7	2.0	2.1	P24D24M
	NA	30	0U MID	L5-30P	2	2.9	24	(24)5-20R	58.7	2.0	2.1	P24D23M
	NA	30	0U MID	L6-30P	2	5.0	24	(20)C13, (4)C19	58.7	2.0	2.1	P24D07M
	INTL	32	0U MID	IEC 60309 2P+E 6h (IP44)	2	7.4	24	(20)C13, (4)C19	58.7	2.0	2.1	P24D03M
	NA	30	0U FULL	L6-30P	2	5.0	38	(32)C13, (6)C19	68.9	2.0	2.1	P38D25M
	INTL	32	0U FULL	IEC 60309 2P+E 6h (IP44)	2	7.4	34	(28)C13, (6)C19	68.9	2.0	2.1	P34D41M
	INTL	32	0U FULL	IEC 60309 2P+E 6h (IP44)	2	7.4	42	(36)C13, (6)C19	68.9	2.0	2.1	P42D06M
	NA	50	0U FULL	CS8265C	3	8.3	36	(30)C13, (6)C19	68.9	2.0	2.1	P36D26M
208VAC, 3-Phase	NA	30	1U	L15-30P	3	8.6	6	(6)C19	1.7	17.5	10.6	P06D16M
	NA	30	1U	L21-30P	3	8.6	6	(6)C19	1.7	17.5	10.6	P06D17M
	NA	50	1U	CS8365C	6	14.4	6	(6)C19	1.7	17.5	10.6	P06D18M
	NA	30	0U MID	L15-30P	3	8.6	24	(18)C13, (6)C19	58.7	2.0	2.1	P24D27M
	NA	30	0U MID	L21-30P	3	8.6	24	(18)C13, (6)C19	58.7	2.0	2.1	P24D01M
	NA	30	0U FULL	L21-30P	3	8.6	24	(18)C13, (6)C19	68.9	2.0	2.1	P24E30M
	NA	30	0U FULL	L21-30P	3	8.6	30	(18)C13, (6)5-20R, (6)C19	68.9	2.0	2.1	P30D02M
	NA	30	0U FULL	L15-30P	3	8.6	36	(30)C13, (6)C19	68.9	2.0	2.1	P36D08M
	NA	30	0U FULL	L21-30P	3	8.6	38	(30)C13, (2)5-20R, (6)C19	68.9	2.0	2.1	P38D28M
	NA	50	0U FULL	CS8365C	3	10.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36D29M
	NA	50	0U FULL	CS8365C	6	14.4	24	(12)C13, (12)C19	68.9	2.0	2.1	P24D31M
	NA	60	0U FULL	IEC 60309 3P+E 9h (IP44)	6	17.3	24	(12)C13, (12)C19	70	2.2	3.1	P36D31M
	NA	50	0U FULL	CS3865C	6	14.4	36	(24)C13, (12)C19	70	2.2	3.1	P36D30M
	NA	60	0U FULL	IEC 60309 3P+E 9h (IP44)	6	17.3	36	(24)C13, (12)C19	68.9	2.0	2.1	P24D34M
	NA	60	0U FULL	IEC 60309 3P+E 9h (IP44)	6	17.3	36	(24)C13, (12)C19	70	2.2	3.1	P36D31M
	NA	30A	0U FULL	NEMA L21-30P	3	8.6	48	(24)C13, C15, (24)C13, C15, C19, C21	70	2.2	2.4	P48D21M
	NA	30A	0U FULL	L15-30P	3	8.6	48	(24)C13, C15, (24)C13, C15, C19, C21	70	2.2	2.4	P48D22M
	NA	60A	0U FULL	IEC 60309 3P+E 9h 60A (IP44)	6	17.3	48	(24)C13, C15, (24)C13, C15, C19, C21	70	2.2	2.9	P42D20M
	NA	50A	0U FULL	CS8365	6	14.4	42	(21)C13, C15, (21)C13, C15, C19, C21	70	2.2	2.9	P42D22M

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Monitored Input – MI Series (continued)

	Region	Input Current per Phase	Form Factor	Input Plug Type	Circuit Breakers	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (In.)	Width (In.)	Depth (inches) at Outlet Position	Panduit SKU Part No.
230/415VAC, 3-Phase	INTL	16	1U	IEC 60309 3P+N+E 6h (IP44)	0	11.0	6	(6)C19	1.7	17.5	10.6	P06D38M
	INTL	32	1U	IEC 60309 3P+N+E 6h (IP44)	6	22.0	6	(6)C19	1.7	17.5	10.6	P06D39M
	INTL	16	0U MID	IEC 60309 3P+N+E 6h (IP44)	0	11.0	30	(24)C13, (6)C19	58.7	2.0	2.1	P30D05M
	INTL	16	0U FULL	IEC 60309 3P+N+E 6h (IP44)	0	11.0	42	(36)C13, (6)C19	68.9	2.0	2.1	P42D42M
	INTL	32	0U FULL	IEC 60309 3P+N+E 6h (IP44)	6	22.0	24	(12)C13, (12)C19	68.9	2.0	2.1	P24D43M
	INTL	32	0U FULL	IEC 60309 3P+N+E 6h (IP44)	6	22.0	42	(30)C13, (12)C19	68.9	2.2	2.1	P42D04M
	NA/ INTL	30A/32A	0U FULL	IEC 60309 3P+N+E 6h 30A/32A (IP44)	6	17.3/ 22.0	48	(24)C13, C15, (24)C13, C15, C19, C21	70	2.2	2.4	P48D20M
	NA/ INTL	20A/16A	0U MID	IEC 60309 3P+N+E 6h 20A/16A (IP44)	0	11.5/ 11.0	48	(24)C13, C15, (24)C13, C15, C19, C21	58.6	2.2	2.4	P48D23M
	NA/ INTL	60A/63A	0U FULL	IEC 60309 3P+N+E 6h 60/63 (IP44)	12	43.5/ 34.6	42	(21)C13, C15, (21)C13, C15, C19, C21	72	2.2	2.9	P42D21M
415VAC, 3-Phase	NA	30	1U	IEC 60309 3P+N+E 6h (IP67)	6	17.3	6	(6)C19	1.7	17.5	10.6	P06D01M
	NA	30	1U	IEC 60309 3P+N+E 6h (IP44)	6	17.3	6	(6)C19	1.7	17.5	10.6	P06D03M
	NA	30	1U	NEMA L22-30P	6	17.3	6	(6)C19	1.7	17.5	10.6	P06D02M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP67)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24D02M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP44)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24D05M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24D04M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP67)	6	17.3	36	(24)C13, (12)C19	68.9	2.0	2.1	P36D01M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP44)	6	17.3	36	(24)C13, (12)C19	68.9	2.0	2.1	P36D03M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	36	(24)C13, (12)C19	68.9	2.0	2.1	P36D02M
	NA	30	0U FULL - Wide	NEMA L22-30P	6	17.3	48	(48)C13	68.9	3.3	2.1	P48D03M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h (IP67)	6	17.3	48	(48)C13	68.9	3.3	2.1	P48D04M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h (IP44)	6	17.3	48	(48)C13	68.9	3.3	2.1	P48D08M
	NA	30	0U FULL +	IEC 60309 3P+N+E 6h (IP67)	6	17.3	42	(36)C13, (6)C19	74.6	2.0	2.1	P42D05M
	NA	30	0U FULL +	NEMA L22-30P	6	17.3	42	(36)C13, (6)C19	74.6	2.0	2.1	P42D07M
	NA	30	0U FULL +	IEC 60309 3P+N+E 6h (IP44)	6	17.3	42	(36)C13, (6)C19	74.6	2.0	2.1	P42D08M

Note: MOQ 30 & LT 30 Business Days applies for all 415 V PDUs for N. America. All 415 V PDUs for N. America include 10 kAIC circuit breakers.

Monitored Switched – MS Series

	Region	Input Current per Phase	Form Factor	Input Plug Type	Circuit Breakers	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (In.)	Width (In.)	Depth (inches) at Outlet Position	Panduit SKU Part No.
100-240VAC, 1-Phase	NA	15	1U	5-15P	0	1.4	8	(8)5-20R	1.7	17.5	10.6	P08E14M
	INTL	16	1U	IEC 60309 2P+E 6h (IP44)	0	3.7	8	(8)C13	1.7	17.5	10.6	P08E25M
	NA	20	1U	5-20P	0	1.9	8	(8)5-20R	1.7	17.5	10.6	P08E15M
	NA	20	1U	L5-20P	0	1.9	8	(8)5-20R	1.7	17.5	10.6	P08E16M
	NA	20	1U	L6-20P	0	3.3	8	(8)C13	1.7	17.5	10.6	P08E18M
	INTL	32	1U	IEC 60309 2P+E 6h (IP44)	2	7.4	8	(8)C13	1.7	17.5	10.6	P08E05M
	NA	30	2U	L5-30P	2	2.9	16	(16)5-20R	3.4	17.5	10.6	P16E17M
	NA	30	2U	L6-30P	2	5.0	16	(12)C13, (4)C19	3.4	17.5	10.6	P16E19M
	INTL	32	2U	IEC 60309 2P+E 6h (IP44)	2	7.4	16	(12)C13, (4)C19	3.4	17.5	10.6	P16E26M
	NA	15	0U HALF	5-15P	0	1.4	12	(12)5-20R	36.1	2.0	2.1	P12E20M
	INTL	16	0U HALF	IEC 60309 2P+E 6h (IP44)	0	3.7	16	(12)C13, (4)C19	36.1	2.0	2.1	P16E27M
	NA	20	0U HALF	5-20P	0	1.9	12	(12)5-20R	36.1	2.0	2.1	P12E21M
	NA	20	0U HALF	L5-20P	0	1.9	12	(12)5-20R	36.1	2.0	2.1	P12E22M
	NA	20	0U HALF	L6-20P	0	3.3	16	(12)C13, (4)C19	36.1	2.0	2.1	P16E24M
	INTL	16	0U MID	IEC 60309 2P+E 6h (IP44)	0	3.7	24	(20)C13, (4)C19	58.7	2.0	2.1	P24E04M
	NA	30	0U MID	L5-30P	2	2.9	18	(18)5-20R	58.7	2.0	2.1	P18E23M
	NA	30	0U FULL	L6-30P	2	5.0	24	(20)C13, (4)C19	68.9	2.0	2.1	P24E28M
	NA	30	0U FULL	L6-30P	2	5.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36E33M
	INTL	32	0U FULL	IEC 60309 2P+E 6h (IP44)	2	7.4	24	(20)C13, (4)C19	68.9	2.0	2.1	P24E01M
	NA/ INTL	30A/32A	0U FULL	IEC 60309 2P+E 6h (IP44)	2	7.4	32	(24)C13, (8)C19	68.9	2.0	2.1	P32E06M
	INTL	32	0U FULL - Wide	IEC 60309 2P+E 6h (IP44)	2	7.4	44	(38)C13, (6)C19	68.9	3.3	2.1	P44E07M

Note: MOQ 30 & LT 30 Business Days applies for all 415 V PDUs for N. America. All 415 V PDUs for N. America include 10 kAIC circuit breakers.

208VAC, 3-Phase	NA	30	0U FULL	L15-30P	3	8.6	24	(18)C13, (6)C19	68.9	2.0	2.1	P24E29M
	NA	30	0U FULL	L15-30P	3	8.6	36	(30)C13, (6)C19	68.9	2.0	2.1	P36E34M
	NA	30	0U FULL	L21-30P	3	8.6	36	(30)C13, (6)C19	68.9	2.0	2.1	P36E35M
	NA	50	0U FULL	CS8365C	3	10.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36E12M
	NA	60	0U FULL	IEC 60309 3P+E 9h (IP44)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24E32M
	NA	30A	0U FULL	NEMA L21-30P	3	8.6	48	(24)C13, C15, (24)C13, C15, C19, C21	70	2.2	2.9	P48E21M
	NA	30A	0U FULL	L15-30P	3	8.6	48	(24)C13, C15, (24)C13, C15, C19, C21	70	2.2	2.9	P48E22M
	NA	60A	0U FULL	IEC 60309 3P+E 9h 60A (IP44)	6	17.3	42	(21)C13, C15, (21)C13, C15, C19, C21	72	2.2	2.9	P42E24M
	NA	60A	0U FULL	IEC 60309 3P+E 9h 60A (IP44)	6	17.3	48	(24)C13, C15, (24)C13, C15, C19, C21	70	4.1	2.9	P48E24M
	NA	50A	0U FULL	CS8365	6	14.4	48	(24)C13, C15, (24)C13, C15, C19, C21	70	4.1	2.9	P48E26M
230/415VAC, 3-Phase	INTL	16	0U FULL	IEC 60309 3P+N+E 6h (IP44)	0	11.0	24	(18)C13, (6)C19	68.9	2.0	2.1	P24E02M
	INTL	16	0U FULL	IEC 60309 3P+N+E 6h (IP44)	0	11.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36E08M
	INTL	32	0U FULL	IEC 60309 3P+N+E 6h (IP44)	6	22.0	24	(12)C13, (12)C19	68.9	2.0	2.1	P24E03M
	INTL	32	0U FULL - Wide	IEC 60309 3P+N+E 6h (IP44)	6	22.0	36	(24)C13, (12)C19	68.9	3.3	2.1	P36E09M
	NA/ INTL	30A/32A	0U FULL	IEC 60309 3P+N+E 6h 30A/32A (IP44)	6	17.3/ 22.0	48	(24)C13, C15, (24)C13, C15, C19, C21	70	2.2	2.9	P48E20M
	NA/ INTL	20A/16A	0U MID	IEC 60309 3P+N+E 6h 20A/16A (IP44)	0	11.5/ 11.0	48	(24)C13, C15, (24)C13, C15, C19, C21	58.6	2.2	2.9	P48E23M
	NA/ INTL	60A/63A	0U FULL	IEC 60309 3P+N+E 6h 60/63A (IP44)	12	43.5/ 34.6	48	(24)C13, C15, (24)C13, C15, C19, C21	70	3.3	2.9	P48E25M

(continued on the next page.)

Monitored Switched – MS Series (continued)

	Region	Input Current per Phase	Form Factor	Input Plug Type	Circuit Breakers	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (In.)	Width (In.)	Depth (inches) at Outlet Position	Panduit SKU Part No.
415VAC, 3-Phase	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP67)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24E05M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP67)	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24E07M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP67)	6	17.3	24	(24)C13	68.9	2.0	2.1	P24E08M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP44)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24E09M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP44)	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24E10M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP44)	6	17.3	24	(24)C13	68.9	2.0	2.1	P24E11M
	NA	30	0U FULL	INEMA L22-30P	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24E06M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24E12M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(24)C13	68.9	2.0	2.1	P24E13M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP67)	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36E01M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP67)	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36E03M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP44)	6	17.3	36	(24)C13, (12C19	68.9	3.3	2.1	P36E04M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP44)	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36E05M
	NA	30	0U FULL - Wide +	NEMA L22-30P	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36E02M
	NA	30	0U FULL - Wide +	NEMA L22-30P	6	17.3	36	(30)C13 (6)C19	68.9	3.3	2.1	P36E06M
	NA	30	0U FULL - Wide +	NEMA L22-30P	6	17.3	48	(48)C13	74.0	3.3	2.1	P48E04M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP67)	6	17.3	48	(48)C13	74.0	3.3	2.1	P48E03M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP44)	6	17.3	48	(48)C13	74.0	3.3	2.1	P48E11M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP67)	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48E05M
	NA	30	0U FULL - Wide +	NEMA L22-30P	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48E06M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP44)	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48E12M

Note: MOQ 30 & LT 30 Business Days applies for all 415 V PDUs for N. America. All 415 V PDUs for N. America include 10 kAIC circuit breakers.

Monitored Per Outlet – MPO Series

	Region	Input Current per Phase	Form Factor	Input Plug Type	Circuit Breakers	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (In.)	Width (In.)	Depth (inches) at Outlet Position	Panduit SKU Part No.
100-240VAC, 1-Phase	NA	30	0U FULL	NEMA L6-30P	2	5.0	24	(20)C13, (4)C19	68.9	2.0	2.1	P24F01M
	NA	30	0U FULL	NEMA L6-30P	2	5.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36F15M
	INTL	32	0U FULL	IEC 60309 2P+E 6h (IP44)	2	7.4	24	(20)C13, (4)C19	68.9	2.0	2.1	P24F06M
	INTL	32	0U FULL	IEC 60309 2P+E 6h (IP44)	2	7.4	32	(24)C13, (8)C19	68.9	2.0	2.1	P32F10M
208VAC, 3-Phase	NA	30	0U FULL	NEMA L15-30P	3	8.6	24	(18)C13, (6)C19	68.9	2.0	2.1	P24F02M
	NA	30	0U FULL	NEMA L21-30P	3	8.6	24	(18)C13, (6)C19	68.9	2.0	2.1	P24F03M
	NA	50	0U FULL	Hubbell CS8365C	3	10.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36F18M
	NA	60	0U FULL	IEC 60309 3P+E 9h (IP44)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24F05M
230/415VAC, 3-Phase	INTL	16	0U FULL	IEC 60309 3P+N+E 6h (IP44)	0	11.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36F12M
	INTL	32	0U FULL	IEC 60309 3P+N+E 6h (IP44)	6	22.0	24	(12)C13, (12)C19	68.9	2.0	2.1	P24F08M
	INTL	32	0U FULL - Wide	IEC 60309 3P+N+E 6h (IP44)	6	22.0	36	(24)C13, (12)C19	68.9	3.3	2.1	P36F13M
415VAC, 3-Phase	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP67)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24F09M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP67)	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24F11M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP67)	6	17.3	24	(24)C13	68.9	2.0	2.1	P24F12M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP44)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24F13M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP44)	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24F14M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP44)	6	17.3	24	(24)C13	68.9	2.0	2.1	P24F15M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24F10M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24F16M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(24)C13	68.9	2.0	2.1	P24F17M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h (IP67)	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36F01M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h (IP67)	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36F03M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h (IP44)	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36F04M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h (IP44)	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36F05M
	NA	30	0U FULL - Wide	NEMA L22-30P	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36F02M
	NA	30	0U FULL - Wide	NEMA L22-30P	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36F06M
	NA	30	0U FULL - Wide +	NEMA L22-30P	6	17.3	48	(48)C13	74.0	3.3	2.1	P48F04M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP67)	6	17.3	48	(48)C13	74.0	3.3	2.1	P48F03M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP44)	6	17.3	48	(48)C13	74.0	3.3	2.1	P48F11M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP67)	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48F05M
	NA	30	0U FULL - Wide +	NEMA L22-30P	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48F06M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP44)	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48F12M

Note: MOQ 30 & LT 30 Business Days applies for all 415 V PDUs for N. America. All 415 V PDUs for N. America include 10 kAIC circuit breakers.

Monitored Switched Per Outlet – MSPO Series

	Region	Input Current per Phase	Form Factor	Input Plug Type	Circuit Breakers	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (In.)	Width (In.)	Depth (inches) at Outlet Position	Panduit SKU Part No.
100-240VAC, 1-Phase	INTL	16	1U	IEC 60309 2P+E 6h (IP44)	0	3.7	8	(8)C13	1.7	17.5	10.6	P08G10M
	INTL	32	1U	IEC 60309 2P+E 6h (IP44)	2	7.4	8	(8)C13	1.7	17.5	10.6	P08G12M
	INTL	16	0U MID	IEC 60309 2P+E 6h (IP44)	0	3.7	24	(20)C13, (4)C19	58.7	2.0	2.1	P24G11M
	NA	30	0U FULL	L6-30P	2	5.0	24	(20)C13, (4)C19	68.9	2.0	2.1	P24G01M
	NA	30	0U FULL	L6-30P	2	5.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36G18M
	INTL	32	0U FULL	IEC 60309 2P+E 6h (IP44)	2	7.4	24	(20)C13, (4)C19	68.9	2.0	2.1	P24G06M
	INTL	32	0U FULL	IEC 60309 2P+E 6h (IP44)	2	7.4	32	(24)C13, (8)C19	68.9	2.0	2.1	P32G13M
	NA/ INTL	20	0U FULL	IEC 60309 3P+N 6h (IP44)	3	11.5	36	(24)C13, (12)C19	66	2.3	2.9	P36G32M
	INTL	32	0U FULL - Wide	IEC 60309-332P6	2	7.4	44	(38)C13, (6)C19	68.9	3.3	2.1	P44G14M
208VAC, 3-Phase	NA	30	0U FULL	L15-30P	3	8.6	24	(18)C13, (6)C19	68.9	2.0	2.1	P24G02M
	NA	30	0U FULL	L21-30P	3	8.6	24	(18)C13, (6)C19	68.9	2.0	2.1	P24G03M
	NA	30	0U FULL	L15-30P	3	8.6	36	(30)C13, (6)C19	68.9	2.0	2.1	P36G22M
	NA	30	0U FULL	L21-30P	3	8.6	36	(30)C13, (6)C19	68.9	2.0	2.1	P36G19M
	NA	50	0U FULL	CS8365C	6	14.4	24	(12)C13, (12)C19	68.9	2.0	2.1	P24G04M
	NA	50	0U FULL	CS8365C	3	10.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36G20M
	NA	60	0U FULL	IEC 60309 3P+E 9h (IP44)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24G05M
	NA	50	0U FULL	CS3865	6	14.4	36	(24)C13, (12)C19	66	2.3	2.9	P36G30M
	NA	30A	0U FULL	NEMA L21-30P	3	8.6	48	(24)C13, C15, (24)C13, C15, C19, C21	70	2.2	2.9	P48G31M
	NA	30A	0U FULL	L15-30P	3	8.6	48	(24)C13, C15, (24)C13, C15, C19, C21	70	2.2	2.9	P48G32M
	NA	50	0U FULL	IEC 60309 3P+E 9h (IP44)	6	17.3	36	(24)C13, (12)C19	66	2.3	2.9	P36G31M
	NA	60A	0U FULL	IEC 60309 3P+E 9h 60A (IP44)	6	17.3	42	(21)C13, C15, (21)C13, C15, C19, C21	70	2.2	2.9	P42G20M
	NA	50A	0U FULL	CS8365	6	14.4	42	(21)C13, C15, (21)C13, C15, C19, C21	70	2.2	2.9	P42G22M
230/415VAC, 3-Phase	INTL	16	0U FULL	IEC 60309 3P+N+E 6h (IP44)	0	11.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36G15M
	INTL	32	0U FULL	IEC 60309 3P+N+E 6h (IP44)	6	22.0	24	(12)C13, (12)C19	68.9	2.0	2.1	P24G08M
	INTL	32	0U FULL - Wide	IEC 60309 3P+N+E 6h (IP44)	6	22.0	36	(24)C13, (12)C19	68.9	3.3	2.1	P36G16M
	NA/ INTL	32	0U FULL -	IEC 60309 3P+N+E 6h (IP44)	6	22.0	36	(24)C13, (12)C19	66	2.3	2.9	P36G33M
	NA/ INTL	30A/32A	0U FULL	IEC 60309 3P+N+E 6h 30A/32A (IP44)	6	17.3/ 22.0	48	(24)C13, C15, (24)C13, C15, C19, C21	70	2.2	2.9	P48G30M
	NA/ INTL	20A/16A	0U MID	IEC 60309 3P+N+E 6h 20A/16A (IP44)	0	11.5/ 11.0	48	(24)C13, C15, (24)C13, C15, C19, C21	58.6	2.2	2.9	P48G33M
	NA/ INTL	60/63	0U FULL	IEC 60309 3P+N+E 6h (IP44)	12	34.5/ 44.4	36	(24)C13, C19	66	2.3	2.9	P36G34M
	NA/ INTL	60A/63A	0U FULL	IEC 60309 3P+N+E 6h 60A/63A (IP44)	12	43.5/ 34.6	42	(21)C13, C15, (21)C13, C15, C19, C21	71.9	2.2	2.9	P42G21M

(continued on the next page.)

Monitored Switched Per Outlet – MSPO Series (continued)

	Region	Input Current per Phase	Form Factor	Input Plug Type	Circuit Breakers	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (In.)	Width (In.)	Depth (inches) at Outlet Position	Panduit SKU Part No.
415VAC, 3-Phase	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP67)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24G09M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP67)	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24G13M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP67)	6	17.3	24	(24)C13	68.9	2.0	2.1	P24G14M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP67)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24G15M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP67)	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24G16M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h (IP67)	6	17.3	24	(24)C13	68.9	2.0	2.1	P24G17M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24G10M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24G18M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(24)C13	68.9	2.0	2.1	P24G19M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h (IP67)	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36G01M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h (IP67)	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36G03M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h (IP44)	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36G04M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h (IP44)	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36G05M
	NA	30	0U FULL - Wide	NEMA L22-30P	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36G02M
	NA	30	0U FULL - Wide	NEMA L22-30P	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36G06M
415VAC, 3-Phase	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP67)	6	17.3	48	(48)C13	74.0	3.3	2.1	P48G03M
	NA	30	0U FULL - Wide +	NEMA L22-30P	6	17.3	48	(48)C13	74.0	3.3	2.1	P48G04M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP44)	6	17.3	48	(48)C13	74.0	3.3	2.1	P48G12M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP67)	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48G05M
	NA	30	0U FULL - Wide +	NEMA L22-30P	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48G06M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h (IP67)	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48G13M

Note: MOQ 30 & LT 30 Business Days applies for all 415 V PDUs for N. America. All 415 V PDUs for North America include 10 kAIC circuit breakers.

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