

EAT•N

Powerware

Single Phase Systems-International TPC2104 Series



Enclosure Power Distribution Units (ePDU™)



RACK MOUNTED

- 19" x 1.72" (1U) x 7.0"
- Approximate shipping weight: 7 lbs.

(1) INDICATOR LIGHT 12VDC

- On front panel: power "on" to system

EMI/RFI FILTERING

- Common Mode - Line to Ground
- Differential Mode - Line to Line

SPIKE/SURGE SUPPRESSION

- Line to Line

(16) IEC 60320 (C13) OUTLETS

- 4 on the front and 12 on the rear panel
- Each group of (4) outlets is rated by UL/CSA up to 250V~/15A and by VDE at 250V~/10A

OVERLOAD CIRCUIT PROTECTION

- Precision electromagnetic breaker provides manual on/off switching and trips in an overload condition

IEC 60320 POWER INLET

- The C20 inlet is located on the rear panel and rated by UL/CSA at 125V~/20A or 250V~/16A, and by VDE at 250V~/16A

SPECIFICATIONS	TPC2104
Approvals	UL/cUL Listed, TUV, CE
Voltage Input/Output (50/60Hz)	100-240V~
Current Input	20A
Current Output	16A
Full Load VA	1920VA @ 120V~ 3840VA @ 240V~
IEC 60320 Outlets	Type C13
Circuit Breaker with Kick Guard	20/20A
EMI/RFI Filter	YES
Multi-Stage Surge Suppression	YES
Power Inlet (IEC 60320)	Type C20 inlet



TVSS (Transient Voltage Surge Suppression) MOV SPECIFICATIONS			
Continuous AC Voltage	150VAC	270VAC	320VAC
Continuous DC Voltage	200VDC	360VDC	420VDC
Max. DC Leakage	200µA	200µA	200µA
Low Varistor Voltage Limit	212VDC	389VDC	462VDC
High Varistor Voltage Limit	243VDC	453VDC	540VDC
Nominal Varistor Voltage	236VDC	424VDC	503VDC
Current For Varistor Voltage	1mA	1mA	1mA
Max. Clamp Voltage 8x20µs	360V	680V	810V
Max. Clamp Voltage Test Current	100A	100A	100A
Peak Current Rating (1 Pulse)	12000A	10000A	10000A
Peak Current Rating (2 Pulse)	9000A	6500A	6500A
Energy Rating (10x1000µs)	170J	325J	385J
Energy Rating (8x20µs)	170J	325J	385J
Capacitance	1700pF	970pF	820pF
Impulse Response Time	50ns	50ns	50ns

EMI/RFI FILTERING COMMON MODE INSERTION LOSS				
Mhz.	.2	1.0	2.0	10.0
dB.	15	25	45	50

DIFFERENTIAL INSERTION LOSS				
Mhz.	.2	1.0	2.0	10.0
dB.	10	22	32	50

Environmental

Operating Temperature is 0 to 50 C
 Storage Temperature is -40 to 70 C
 Altitude Maximum 10,000 ft.
 Relative Humidity is 95% Max Non-Condensing

Accessories

Optional Cable Restraint and Management



KIT-CABLRES-08



TRANSVERSE MOUNTING



- Prevent downtime and accidental disconnection
- Secure cables/plugs to Power Distribution Unit
- Cable ties provide highest level of retention
- “Fixed Bracket” versions allow attachment to rear only

010-9334:
C19 to NEMA 5-15P
125V, 15A Straight Blade
8 foot, 14AWG/3wire



010-9335:
C19 to NEMA 5-20P
125V, 20A Straight Blade
8 foot, 12AWG/3wire



010-9339:
C19 to NEMA L5-20P
125V, 20A Twist-Lock
8 foot, 12AWG/3wire



010-9341:
C19 to NEMA L6-20P
250V, 20A Twist-Lock
8 foot, 12AWG/3wire



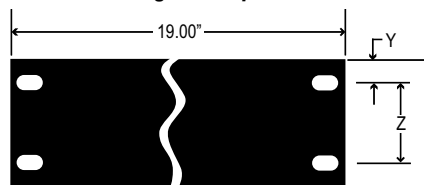
010-9343:
CEE7-7 to C19
250V, 16A EUROPE (Schuko)
2.5M, 1.5mm/3wire Harmonized



010-0025: 8 foot
C13 to C14 Harmonized, 1mm/3wire
100-240V rated

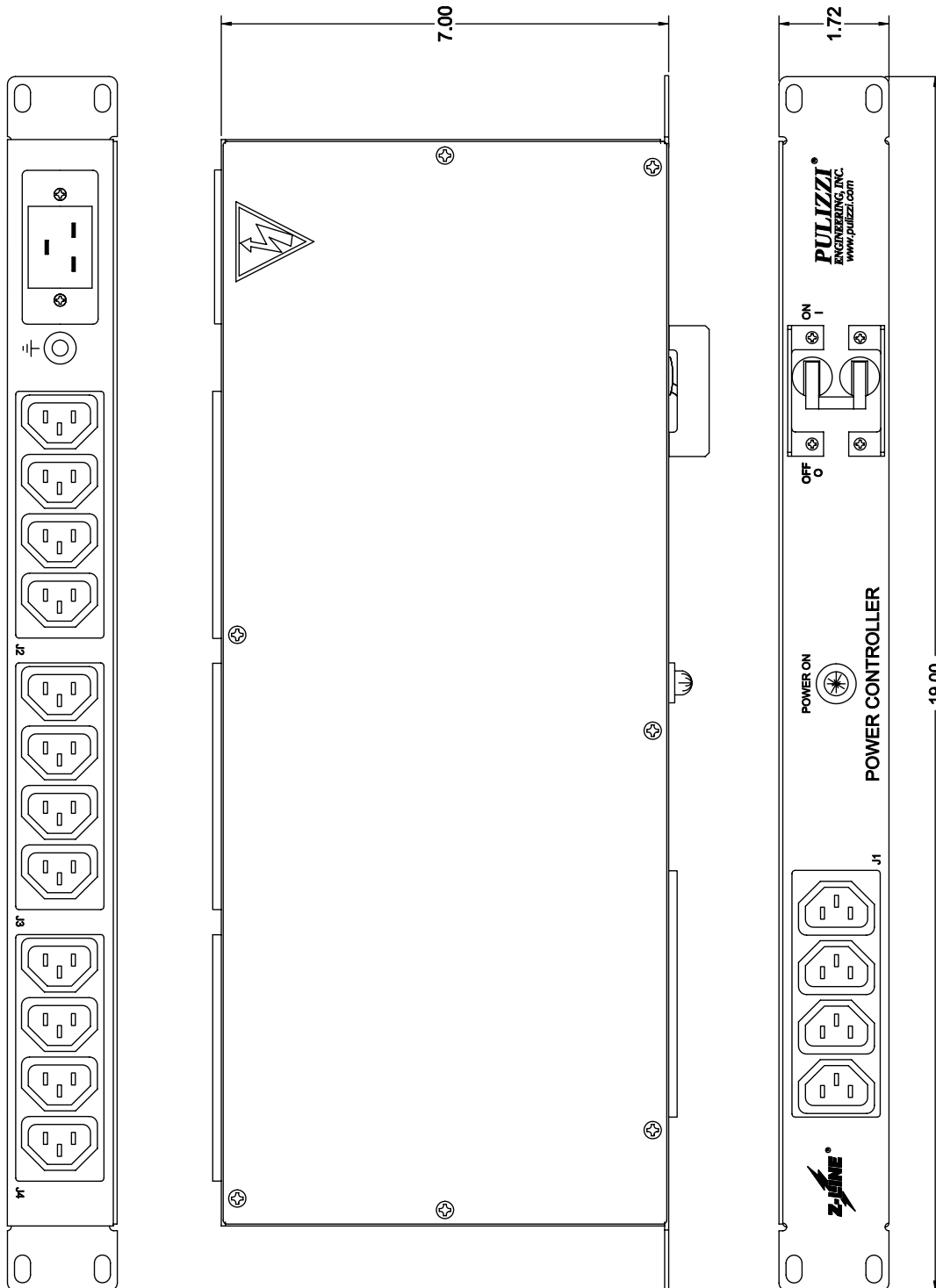


Rack Mounting Hole Specification Table



HOLE SPECIFICATION TABLE

A	Y	Z
1.75	.25	1.25



Drawings are not shown to scale
 Dimensions are in inches