

EAT•N

Powerware

Single Phase Systems-North American TPC12 Series



Enclosure Power Distribution Units (ePDU™)



TPC12-A2 Front



TPC12-A2 Back

RACK MOUNTED

- 19" x 1.72" x 4.5"
- Approximate shipping weight: 7 lbs.

(12) NEMA OUTLETS

- 4 on front and 8 on rear panel

POWER INPUT

- Power cable with plug is attached through the rear panel cable grip

EMI/RFI FILTERING

- Common Mode - line to ground
- Differential Mode - line to line
- Add "F" to model, i.e. TPC12F-A

INDICATOR LIGHT

- -A, -A-RCB, -B: lighted on/off switch
- -A, -CB, -A2, -C, -D: indicator light that illuminates when the breaker is "on"

SPIKE/SURGE SUPPRESSION

- L-N, L-G, N-G

OVERLOAD CIRCUIT PROTECTION

- Electromagnetic breaker: on/off switch and trips in an overload condition
- Thermal Breaker on -RCB version
- 120V/30A units: six outlets per pole
– Input power is separated into two circuits

SPECIFICATIONS	TPC12-A	TPC12-A-RCB	TPC12-A-CB	TPC12-A2	TPC12-B	TPC12-C	TPC12-D
Approvals	UL/cUL	UL/cUL	UL/cUL	UL/cUL	UL/cUL	UL/cUL	UL/cUL
Voltage Input/Output (50/60Hz)	120V~	120V~	120V~	120V~	240V~	120V~	120V~
Current Input	15A	15A	15A	20A	15A	30A	30A
Current Output	12A	12A	12A	16A	12A	24A	24A
Full Load VA	1440VA	1440VA	1440VA	1920VA	2880VA	2880VA	2880VA
NEMA Outlets 4 on front / 8 on rear	5-15R	5-15R	5-15R	5-20R	6-15R	5-15R	5-20R
Circuit Breaker	N/A	15A reset	15A	20A	N/A	15/15A	20/20A
Optional Filter (add "F" to part number)	20A	20A	20A	20A	20A	Dual 20A	Dual 20A
Multi-Stage Surge Suppression	150V	150V	150V	150V	270V	150V	150V
Power Input Cord/Length (rear panel)	14/3, 9'	14/3, 9'	14/3, 9'	12/3, 9'	14/3, 9'	10/3, 15'	10/3, 15'
NEMA Power Input Plug	5-15P	5-15P	5-15P	5-20P	6-15P	L5-30P	L5-30P

Optional Cable Restraint and Management



KIT-CABRES-02

**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

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

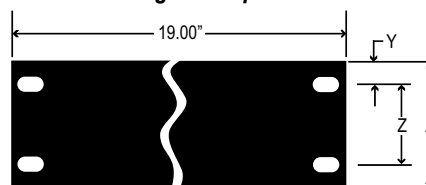
Operating Temperature is 0 to 50 C

Storage Temperature is -40 to 70 C

Altitude Maximum 10,000 ft.

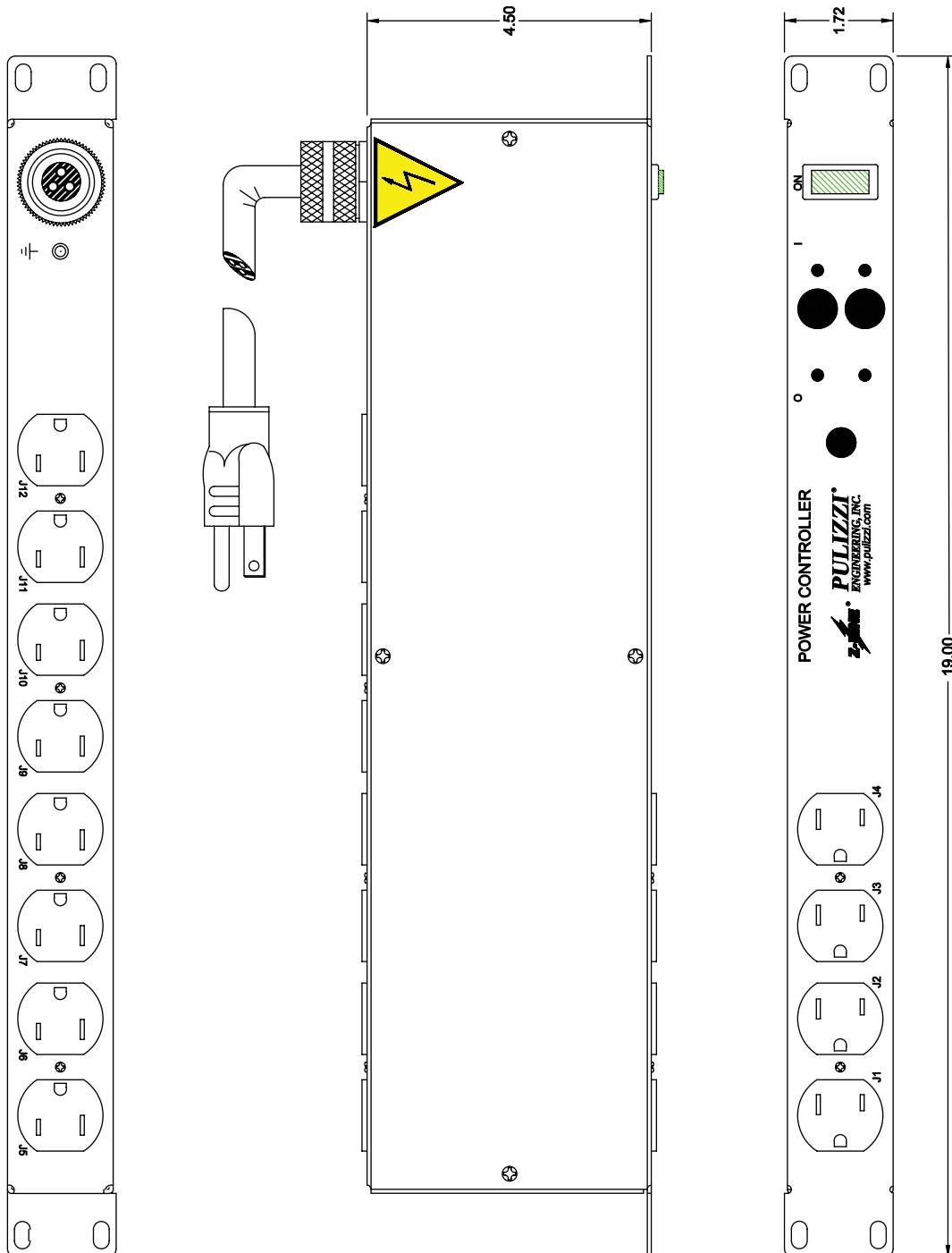
Relative Humidity is 95% Max Non-Condensing

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