

EAT•N

Powerware

Three Phase Systems-North American TPC4100 Series



Enclosure Power Distribution Units (ePDU™)



TPC4100-AB Front



TPC4100-AB Rear

CHASSIS

- 19" x 1.72" (1U) x 9.5"
- Approximate shipping weight: 19 lbs.
- Detachable mounting brackets allow for several mounting options

EMI/RFI FILTERING

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

SPIKE/SURGE SUPPRESSION

- Line to Line

BRANCH CIRCUIT PROTECTION

- UL489 Listed electromagnetic breakers, with a long time delay curve, provide both manual on/off switching and open (trip) automatically with an overload condition

(3) INDICATOR LIGHTS

- Provided for each phase power "ON" via breaker

(12) NEMA OUTLETS

- (4) Per phase PH-Y and PH-Z on the rear panel and PH-X has two on the rear and 2 on the front panels

POWER INPUT

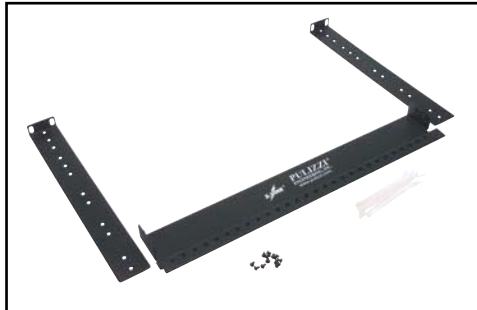
- Power cable with locking plug is attached to the unit through the rear panel cable grip



SPECIFICATIONS	TPC4100-A2	TPC4100-B	TPC4100-AB	TPC4100-C	TPC4100-D
Approvals	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed	UL/cUL Listed
AC Voltage Input (50/60Hz)	120/208V WYE	120/208V WYE	120/208V WYE	120/208V WYE	120/208V WYE
AC Voltage Output	120V~	208V~	120V~ and 208V~	120V~	120V~
Current Input	20A Per Phase	30A Per Phase	30A Per Phase	30A Per Phase	30A Per Phase
Current Output	16A Per Phase	24A Per Phase	24A Per Phase	24A Per Phase	24A Per Phase
Full Load VA Per Phase	1920VA Per Phase	2880VA Per Phase	2880VA Per Phase	2880VA Per Phase	2880VA Per Phase
NEMA Outlets	(12) 5-20R	(12) 6-15R	(6) 5-15R, (6) 6-15R	(12) 5-15R	(12) 5-20R
Listed Circuit Breaker	(3) 1 pole/20A	(3) 2 pole/15A	(3) 2 pole/15A	(3) 2 pole/15A	(3) 2 pole/20A
Remote	NO	NO	NO	NO	NO
EMI/RFI Filter	30A	30A	30A	30A	30A
Surge Suppression	150V	270V	150V	150V	150V
Cable	12AWG/5wire, 9'	10AWG/5wire, 9'	10AWG/5wire, 9'	10AWG/5wire, 9'	10AWG/5wire, 9'
NEMA Power Input	L21-20P	L21-30P	L21-30P	L21-30P	L21-30P

Accessories

Optional Cable Restraint and Management



KIT-CABRES-01

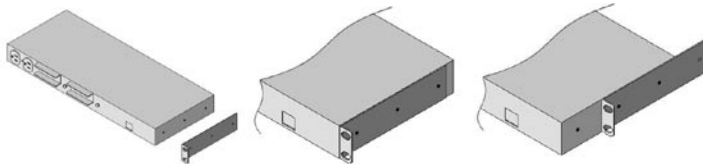


TRANSVERSE MOUNTING



- Prevent downtime and accidental disconnection
- Secure cables/plugs to Power Distribution Unit
- Cable ties provide highest level of retention

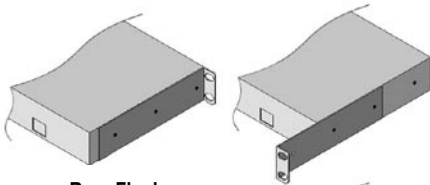
Adjustable Mounting Options



Mounting Brackets Are Detachable With Several Mounting Options Shown

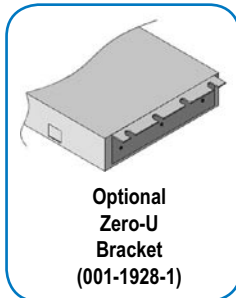
Front Flush

Center Mount



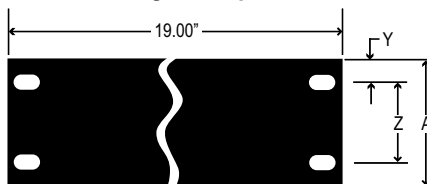
Rear Flush

Front Recessed



Optional Zero-U Bracket (001-1928-1)

Rack Mounting Hole Specification Table



HOLE SPECIFICATION TABLE

A	Y	Z
1.75	.25	1.25

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



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.	.05	.20	1.0	5.0	20.0	100.0
dB.	0	35	71	75	66	48

DIFFERENTIAL INSERTION LOSS						
Mhz.	.05	.20	1.0	2.0	5.0	10.0
dB.	20	30	72	63	58	51

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

Drawings are not shown to scale
 Dimensions are in inches

