

EAT•N

Powerware

Single Phase Systems-International TPC2105 Series



Enclosure Power Distribution Units (ePDU™)



TPC2105-2 Front



TPC2105-1 Back



TPC2105-2 Back



RACK MOUNTED

- 19" x 1.72" (1U) x 7.0", 8 lbs.
- Powder Coated Black Steel
- Detachable mounting brackets allow for several mounting options

BRANCH CIRCUIT PROTECTION

- UL489 Listed electromagnetic breaker provides manual on/off switching and trips in an overload condition

(2) INDICATOR LIGHTS

- On front panel: One each for CB1 and CB2 power "on"

DUAL 20A EMI/RFI FILTERS

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

SPIKE/SURGE SUPPRESSION

- Line to Line.

POWER INPUT

- Cable assemblies with high voltage cover, strain relief, cable and plug are available
- Unit can be ordered with power cord pre-wired, see chart below

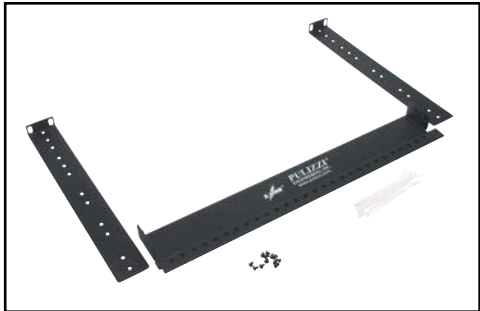
IEC 60320 OUTLETS

- TPC2105-1: (4) C13 outlets on the front and (12) on the rear panel
- TPC2105-2: (4) C13 outlets on the front and (2) C19 and (4) C13 outlets on the rear panel
- Each group of (4) C13 outlets is rated by UL/CSA up to 250V~/15A and by VDE at 250V/10A
- C19 is rated by UL/CSA up to 250V~/20A and by VDE at 250V/16A

Version	Voltage & Current Input/Output	Agency Approvals	Output Connectors	Input Connectors	Power Cable
TPC2105-1	85-264VAC, Single Phase 24 Amp, 50/60Hz	UL/cUL Listed CE, GS Mark			Required power cable assembly sold separately. Choose one of three: CBL106, CBL107, CBL108
TPC2105-2	85-264VAC, Single Phase 24 Amp, 50/60Hz	UL/cUL Listed CE, GS Mark			Required power cable assembly sold separately. Choose one of three: CBL106, CBL107, CBL108
CBL106					10AWG 3-wire, 9'
CBL107					10AWG 3-wire, 9'
CBL108					3x4.00mm Harmonized cable 9'
TPC2105-1-106	100-120VAC, Single Phase 24 Amp, 50/60Hz	UL/cUL Listed			10AWG 3-wire, 9'
TPC2105-1-107	200-240VAC, Single Phase 24 Amp, 50/60Hz	UL/cUL Listed			10AWG 3-wire, 9'
TPC2105-1-108	200-240VAC, Single Phase 24 Amp, 50/60Hz	CE, GS Mark			3x4.00mm Harmonized cable 9'
TPC2105-2-106	100-120VAC, Single Phase 24 Amp, 50/60Hz	UL/cUL Listed			10AWG 3-wire, 9'
TPC2105-2-107	200-240VAC, Single Phase 24 Amp, 50/60Hz	UL/cUL Listed			10AWG 3-wire, 9'
TPC2105-2-108	200-240VAC, Single Phase 24 Amp, 50/60Hz	CE, GS Mark			3x4.00mm Harmonized cable 9'

Accessories

Optional Cable Restraint and Management



KIT-CABLRES-01

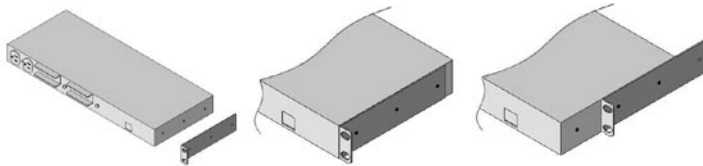
- Prevent downtime and accidental disconnection
- Secure cables/plugs to Power Distribution Unit
- Cable ties provide highest level of retention



TRANSVERSE MOUNTING



Adjustable Mounting Options



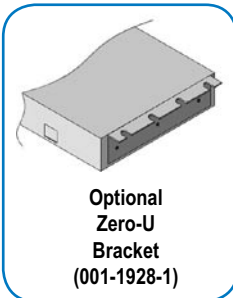
Mounting Brackets Are Detachable With Several Mounting Options Shown

Front Flush

Center Mount

Rear Flush

Front Recessed



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

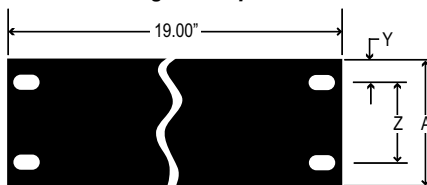
010-9342:
C20 Male to C19
20 AMP
8 foot, 12AWG/3wire



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

**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

Drawings are not shown to scale
 Dimensions are in inches

