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Find the *Eaton TPC2105-1-107* at our website: ***Click HERE***

# Powerware

## Single Phase Systems-International TPC2105 Series




## Enclosure Power Distribution Units (ePDU™)

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TPC2105-2 Front



TPC2105-1 Back



TPC2105-2 Back

c UL us LISTED CE TÜV Rheinland Product Safety GS RoHS COMPLIANT 2002/95/EC

### 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 | C13 | 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 | C13, C19 | Required power cable assembly sold separately. Choose one of three: CBL106, CBL107, CBL108 | |
| CBL106 |  | | | L5-30P | 10AWG 3-wire, 9' |
| CBL107 |  | | | L6-30P | 10AWG 3-wire, 9' |
| CBL108 |  | | | IEC-309 | 3x4.00mm Harmonized cable 9' |
| TPC2105-1-106 | 100-120VAC, Single Phase 24 Amp, 50/60Hz | UL/cUL Listed | C13 | L5-30P | 10AWG 3-wire, 9' |
| TPC2105-1-107 | 200-240VAC, Single Phase 24 Amp, 50/60Hz | UL/cUL Listed | C13 | L6-30P | 10AWG 3-wire, 9' |
| TPC2105-1-108 | 200-240VAC, Single Phase 24 Amp, 50/60Hz | CE, GS Mark | C13 | IEC-309 | 3x4.00mm Harmonized cable 9' |
| TPC2105-2-106 | 100-120VAC, Single Phase 24 Amp, 50/60Hz | UL/cUL Listed | C13, C19 | L5-30P | 10AWG 3-wire, 9' |
| TPC2105-2-107 | 200-240VAC, Single Phase 24 Amp, 50/60Hz | UL/cUL Listed | C13, C19 | L6-30P | 10AWG 3-wire, 9' |
| TPC2105-2-108 | 200-240VAC, Single Phase 24 Amp, 50/60Hz | CE, GS Mark | C13, C19 | IEC-309 | 3x4.00mm Harmonized cable 9' |



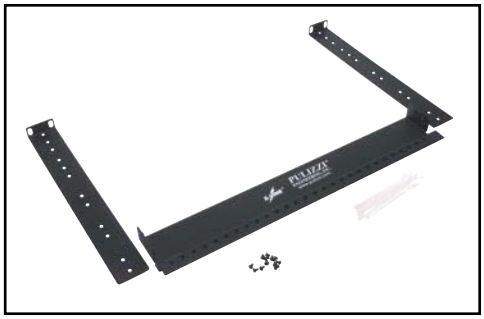
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# Accessories

## Optional Cable Restraint and Management



KIT-CABLRES-01



TRANSVERSE MOUNTING





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

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



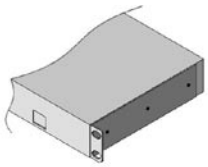
010-0025: 8 foot
C13 to C14 Harmonized, 1mm/3wire
100-240V rated



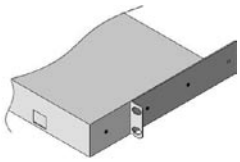
## Adjustable Mounting Options



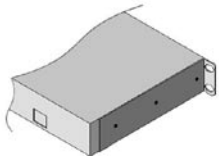
Mounting Brackets Are Detachable With Several Mounting Options Shown



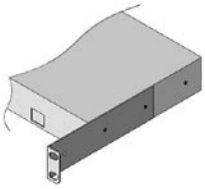
Front Flush



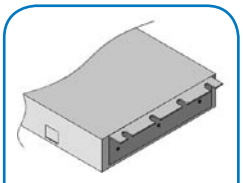
Center Mount



Rear Flush

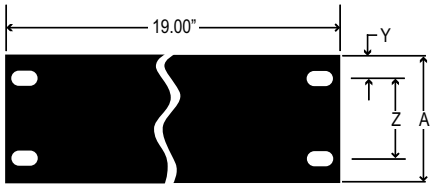


Front Recessed



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

### *Rack Mounting Hole Specification Table*




### *HOLE SPECIFICATION TABLE*

| A | Y | Z |
|---|---|---|
| 1.75 | .25 | 1.25 |



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| 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 |

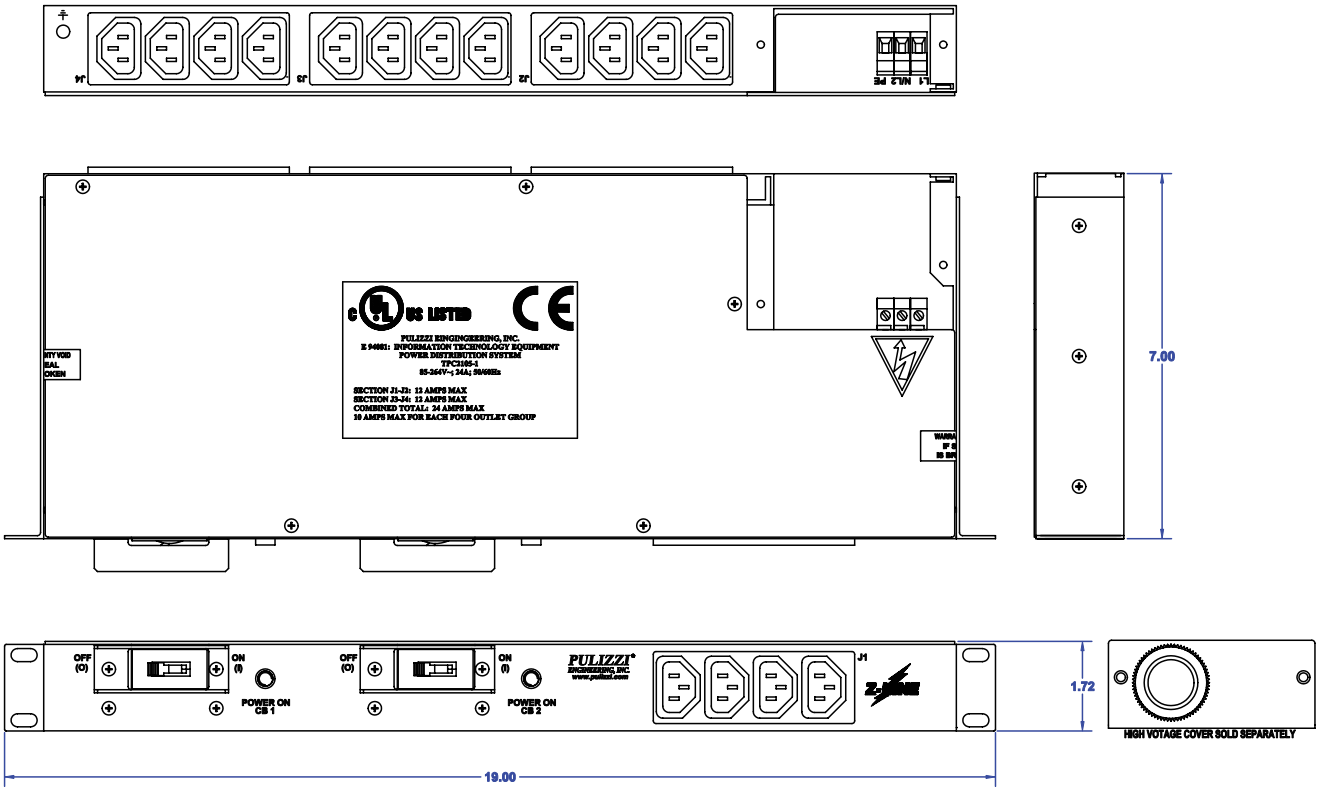
| EMI/RFI FILTERING COMMON MODE INSERTION LOSS | | | | |
|---|---|---|---|---|
| Mhz. | .2 | 1.0 | 2.0 | 10.0 |
| dB. | 15 | 25 | 45 | 50 |

| 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






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