

EATON

Powerware

Single Phase Systems-North American T982 Series



Enclosure Power Distribution Units (ePDU™)



T982C1 Front



T982C1 Rear

RACK MOUNTING

- 19" X 1.72" (1U) x 7.0"
- Width is 17.5" without mounting ears
- 16 gauge steel, color black
- Detachable mounting brackets allow for several mounting options

POWER INPUT

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

12 NEMA OUTLETS

- Straight blade or twist lock are optional
- Optional cable restraint system with cable management. P/N: KIT-CABLRES-03

EMI/RFI FILTERING (Optional)

- Filtering is both Common Mode (Line - Ground) and Differential Mode (Line - Line)

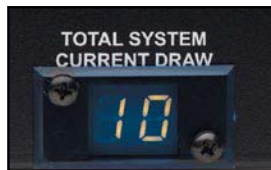


SPIKE/SURGE SUPPRESSION

- Transient voltage surge suppression prevents damage due to voltage fluctuations
- Metal Oxide Varistors (MOVs) are utilized line to line (or neutral)
- MOVs provide long life protection while withstanding large transients with little degradation

CURRENT MONITORING (Optional)

- Front panel display shows current draw of connected equipment
- Two digit display shows current from 0-30 amps with +/- 1 amp accuracy
- Monitor will help to prevent system overload and ease installation



Optional Current Monitoring

INDICATOR LIGHT

- One blue LED indicator light per circuit breaker
- Light illuminates when the circuit breaker is on and power is present at the input

BRANCH CIRCUIT PROTECTION

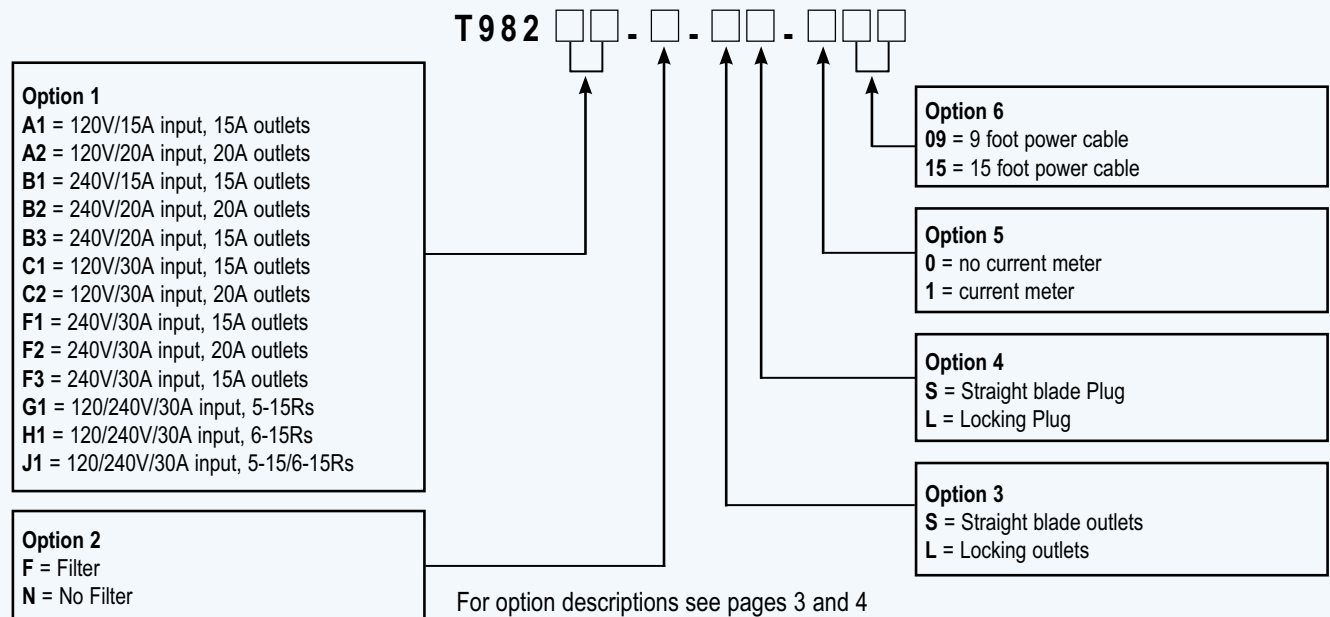
- Electromagnetic circuit breakers to prevent temperature from affecting the trip point
- UL listed branch circuit breakers are provided where required by UL 60950-1 standards



Optional cable restraint system
KIT-CABLRES-03 (Color Black)

T982 "Design Your Own" part number guide













































Visit www.pulizzi.com/stock for stock configurations.



Option 1: Voltage and Current Configuration

The following chart shows the available input/output voltage and current configurations.

Most options have a choice of straight blade or twist lock connectors. This selection is made in options 3 and 4.

T982 Series Version	Voltage/Current Input/Output	Circuit Breakers	Input Connectors		Output Connectors	
			Straight Blade	Twist Lock	Straight Blade	Twist Lock
A1	120V/15A 12A Output	1 pole 15A	 5-15P	 L5-15P	 5-15R	 L5-15R
A2	120V/20A 16A Output	1 pole 20A	 5-20P	 L5-20P	 5-20R	 L5-15R *
B1	240V/15A 12A Output	2 pole 15A	 6-15P	 L6-15P	 6-15R	 L6-15R
B2	240V/20A 16A Output	2 pole 20A	 6-20P	 L6-20P	 6-20R	 L6-15R *
B3 	240V/20A 16A Output	2 pole 20A	 6-20P	 L6-20P	 C13	NA
C1	120V/30A 24A Output	2 pole 15A UL489	NA	 L5-30P	 5-15R	 L5-15R
C2	120V/30A 24A Output	2 pole 20A UL489	NA	 L5-30P	 5-20R	NA
F1	240V/30A 24A Output	(2) 2 pole 15A UL489	NA	 L6-30P	 6-15R	 L6-15R
F2	240V/30A 24A Output	(2) 2 pole 20A UL489	NA	 L6-30P	 6-20R	NA
F3 	240V/30A 24A Output	(2) 2 pole 15A UL489	NA	 L6-30P	 C13	NA
G1	120/240V/30A 24A Output	(2) 2 pole 15A UL489	NA	 L14-30P	 5-15R	 L5-15R
H1	120/240V/30A 24A Output	(2) 2 pole 15A UL489	NA	 L14-30P	 6-15R	 L6-15R
J1	120/240V/30A 24A Output	(2) 2 pole 15A UL489	NA	 L14-30P	 5-15R	 L5-15R
					 6-15R	 L6-15R

*20 amp twist lock outlets are not available to fit a standard duplex opening, so 15 amp outlets are used in these versions.



See next page for options 2-6

- The T982F3 is pictured at the left
- This version features IEC C13 "Computer Style" outlets
- The power input is 30 amps

Option 2: EMI/RFI Filtering

Choose "N" for no filtering or "F" for filtering. See below for filtering specifications.

Option 3: Receptacle Type

Choose either straight blade or twist lock style receptacles. See the table in Option 1 for a view of the available receptacles. Their NEMA designation number refers to the receptacles.

Option 4: Plug Type

Choose either straight blade or twist lock style plug. See the table in Option 1 for a view of the available plug styles. The NEMA designation number refers to the plug. Verify you have the correct type of mating receptacle available at your facility. Plug types limit the voltage and current options.

Option 5: Current Meter

This unit is available with or without a front panel digital current reference meter. This two-segment current reference meter will display the current value of the connected load. (The meter is an AC averaging meter.) This allows you to properly load your Power Distribution Unit to avoid an overload situation. This can also be used for monitoring to detect a fault before it occurs. The display shows two digits with no decimal place. The meter is accurate to +/- 1 amp resolution. **The current meter option is not available on the following versions: G1 and J1.**



Option 6: Power Cable Length

The power distribution unit has either SO, SOOW or SJT type power cable. The length can be specified as 9 feet or 15 feet. The maximum length allowed by UL standards for an attached power cable is 15 feet. For permanent installations exceeding 15 feet, a licensed electrician should install a permanent circuit.

15A & 20A Models

EMI/RFI FILTERING COMMON MODE INSERTION LOSS						
Mhz.	.15	.50	1.0	5.0	10.0	30.0
dB.	6	19	28	42	45	50

DIFFERENTIAL INSERTION LOSS						
Mhz.	.15	.50	1.0	5.0	10.0	30.0
dB.	6	6	30	50	30	30

30A Models

EMI/RFI FILTERING COMMON MODE INSERTION LOSS						
Mhz.	.15	.50	1.0	5.0	10.0	30.0
dB.	6	19	28	42	45	50

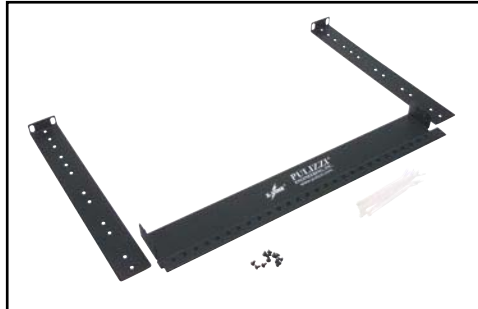
DIFFERENTIAL INSERTION LOSS						
Mhz.	.15	.50	1.0	5.0	10.0	30.0
dB.	2	40	60	65	57	55

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-01

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

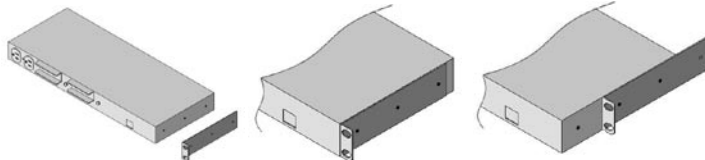


TRANSVERSE MOUNTING



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

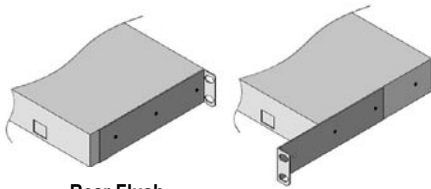
Adjustable Mounting Options



Mounting Brackets
Are Detachable With
Several Mounting
Options Shown

Front Flush

Center Mount

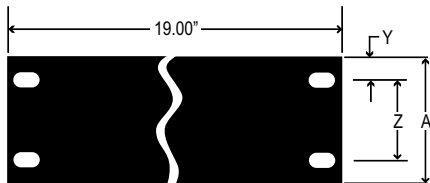


Rear Flush

Front Recessed

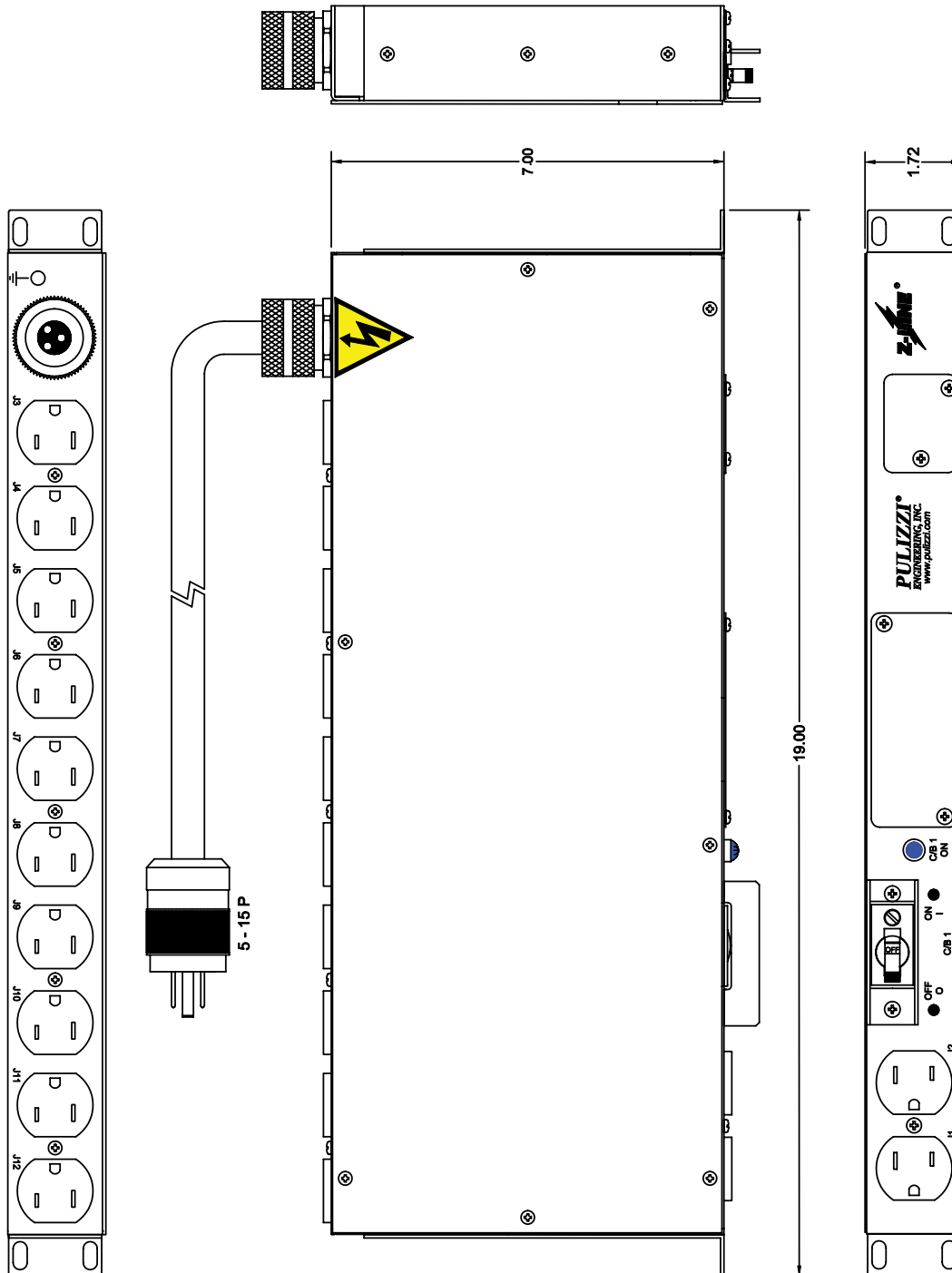
Optional
Zero-U
Bracket
(001-1928-1)

Rack Mounting Hole Specification Table



HOLE SPECIFICATION TABLE

A	Y	Z
1.75	.25	1.25



Drawings are not shown to scale
 Dimensions are in inches