

EAT•N

Powerware

Single Phase Systems-International TPC2365 Series



Enclosure Power Distribution Units (ePDU™)



TPC2365-LT Front



TPC2365-LT Front

RACK MOUNTED

- 19" x 1U (1.72") x 7"
- Approximate shipping weight: 9 lbs.
- TPC2365-2980 and TPC2365-3732 are 9.5" deep

EMI/RFI FILTER

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

SPIKE/SURGE SUPPRESSION

- Line to Line

IEC 60320 C20 Power Inlet

- Power inlet is on the rear panel
- Rated by UL/CSA at 125VAC/20A or 250VAC/16A Rated by TUV at 250VAC/16A

IEC 60320 OUTLETS (12)

- Three sections of (4) switched outlets on the rear panel. Each group of four outlets are:
 - Rated by UL/CSA up to 250VAC/15A
 - Rated by VDE at 250VAC/10A

REMOTE SELECTION SWITCH

- Local: Power "on or off" to the switched outlets
- Off: When breaker is "on" but this switch is in the "off" mode, you will not have power to the outlets
- Remote: Power "on or off" to the switched outlets via a remote device
- Latching remote on "LT" models only, the selection switch is wired for Remote/Off/Remote - There is no local control

REMOTE INTERFACE

- Remote on/off and EPO control - EPO overrides remote and local control
- Sequence Power Up additional equipment down line (standard on all units)
- Latching remote "LT" models only - normally closed EPO, momentary start

MULTIPLE TIME DELAY (MTD™) (Optional)

- Activated "Locally" or "Remotely", Section 1 powers up, followed 4-seconds later by Section 2 which is followed 4-seconds later Section 3 then 4-seconds later the sequenced remote activates the next system in line

INDICATOR LIGHTS (5)

- Power to Section 1, 2 and 3
- 115 VAC or 230VAC input selected

OVERLOAD CIRCUIT PROTECTION

- Electromagnetic breaker provides manual on/off switching and trips in an overload condition

AUTO-VOLTAGE SELECTION

- The AVS™ system automatically senses the input voltage and adjusts the internal components to use that voltage for the output



SPECIFICATIONS	TPC2365	TPC2365/MTD	TPC2365-LT	TPC2365/LT	TPC2365-2980	TPC2365-3732
Approvals	cTUVus, CE	cTUVus, CE	cTUVus, CE	cTUVus, CE	NA	NA
Voltage Input/Output, (50/60Hz)	110-125V 200-240V	110-125V 200-240V	110-125V 200-240V	110-125V 200-240V	110-125V 200-240V	200-240V
Current Input	20A	20A	20A	20A	30A	30A
Current Output	16A	16A	16A	16A	24A	24A
Full Load VA	1920VA / 3840VA	1920VA / 3840VA	1920VA / 3840VA	1920VA / 3840VA	2880VA / 5760VA	5760VA
Circuit Breaker	2 Pole 20A	2 Pole 20A	2 Pole 20A	2 Pole 20A	(3) 2 Pole 10A	(3) 2 Pole 10 A
Multiple Time Delay	NO	YES	NO	YES	YES	YES
EMI/RFI Filter	YES (20A)	YES (20A)	YES (20A)	YES (20A)	YES (30A)	YES (30A)
Surge Suppression	320V	320V	320V	320V	320V	320V
Outlets	IEC 60320 Type C13					
Remote Control	Standard	Standard	Latching	Latching	Latching	Latching
Power Cable	Not Included	Not Included	Not Included	Not Included	10/3, 15'	10/3, 15'
Power Input	C20 Inlet	C20 Inlet	C20 Inlet	C20 Inlet	Bare Wire	L6-30P

Accessories

Optional Cable Restraint and Management



KIT-CABLRES-08



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

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



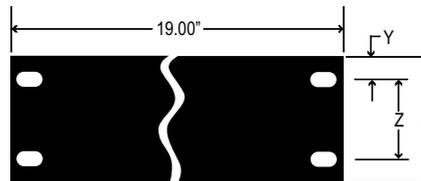
010-9343:
CEE7-7 to C19
250V, 16A EUROPE (Schuko)
2.5M, 1.5mm/3wire Harmonized



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



Rack Mounting Hole Specification Table



HOLE SPECIFICATION TABLE

A	Y	Z
1.75	.25	1.25



PART NUMBER: REMOTE02
DESCRIPTION:
3 pin remote connector
kit with pins
1 connector & 3 pins



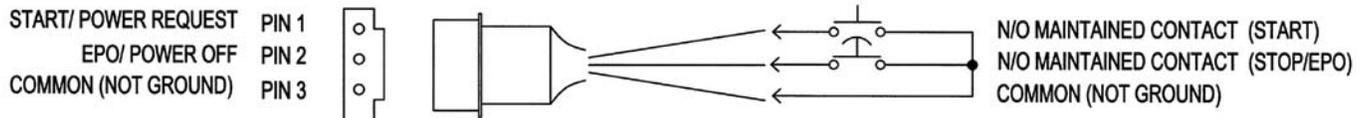
PART NUMBER: SUB-REM-1200 - 12" Length
SUB-REM-2400 - 24" Length
SUB-REM-6000 - 60" Length
REMOTE08-10 - 10' Length
REMOTE08-12 - 12' Length
REMOTE08-035 - 35' Length
DESCRIPTION: 3 pin to 3 pin remote cable

Optional Remote Control Panel



RCP100-BLK-LT

Standard Remote Control Interface



REMOTE START REQUIRES (2) CONDITIONS:

1. The "on/off/remote" switch must be in the "remote" position.
2. A maintained closure between pins 1 & 3 will turn the unit on.

REMOTE POWER OFF REQUIRES (1) CONDITION:

1. Opening the maintained connection between pins 1 & 3 will turn off the switched outlets.

REMOTE EPO REQUIRES (1) CONDITION:

1. A maintained contact between pins 2 & 3 will turn off the switched outlets regardless of the position of the "on/off/remote" switch.

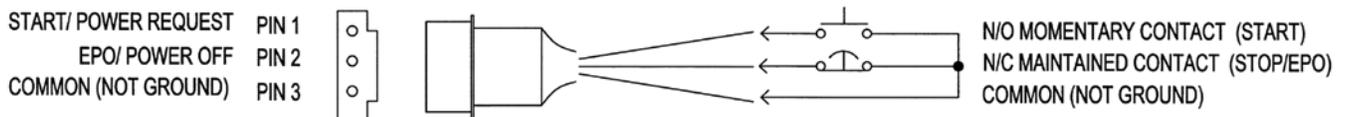
SEQUENCED REMOTE:

Connect pins 1, 2 & 3 of the sequence port to pins 1, 2 & 3 on any remote port of the slave unit. **(Do not connect to another "sequence" port!)** The sequence port of the master unit activates 4 seconds after the final set of outlets turn on. Additional units may be daisy chained in this fashion.

CAUTION!
THIS TYPE OF REMOTE IS NOT TO BE SUBSTITUTED
FOR A SAFETY INTERLOCK!

EPO is normally open, so removing the EPO connection
will not shut down the power to the unit.

Latching Remote "LT" Control Interface



REMOTE START REQUIRES (2) CONDITIONS:

1. A maintained contact between pins 2 & 3.
2. A momentary contact between pins 1 & 3.

REMOTE POWER OFF OR EPO REQUIRES (1) CONDITION:

1. Opening the maintained connection between pins 2 & 3. Additional EPO or stop buttons can be connected in series between pins 2 & 3. This will turn off the switched outlets regardless of the remote switch position.

SEQUENCE REMOTE:

Connect pins 1 & 2 of the "sequence" port to any remote port on another "-LT" unit. The sequence port activates 4 seconds after the final set of outlets turn on.

(Do not connect to another "sequence" port!)

NOTE: "LT" units are designed for remote operation only.

Even when the "REMOTE/OFF/LOCAL" switch is set to "LOCAL", the unit still requires a power request from the remote ports to turn the unit on.

REMOTE OPERATION: Most Pulizzi® units have more than one remote connector. Unless labeled as "SEQUENCE" they are wired in parallel. Connection to only one remote connector is required. It is recommended that a Pulizzi® control panel be ordered for use with your PDU. Connectors are provided for those who wish to wire their own switches or control panels. We recommend using 14 AWG wire and not exceeding 50 feet for any remote cable. Mating control panels can be seen on our web site at www.pulizzi.com.

If additional remote connectors are needed: The female AMP connectors used in our Power Controllers are: three pin - Part Number 1-480304-0 and four pin Part Number 1-480425-0, and are used with AMP Socket Terminals, Part Number 60619-1. The mating male AMP connector is: three pin - Part Number 1-480305-0, and four pin - Part Number 1-480426-0 and are used with AMP male contacts Part Number 60620-1.

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

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

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

Drawings are not shown to scale
 Dimensions are in inches

