

**EAT•N**

**Powerware**

## Three Phase Systems-International PC302-I/MTD



**Enclosure Power Distribution Units (ePDU™)**



Front



Back

**RACK MOUNTED**

- 19" x 3.4" (2U) x 8.5" with recess mounting
- Approximate shipping weight: 19 lbs.

**EMI/RFI FILTER**

- Differential Mode
- Common Mode

**SPIKE/SURGE SUPPRESSION**

- Line to Line

**VOLTAGE SELECTION SWITCH**

- Select 120/208V~ or 230/400V~ input
- 120/208V~ input with 120V~ output
- 230/400V~ input with 230V~ output

**LOCAL/OFF/REMOTE SWITCHING**

- Local: "On/Off" to switched outlets
- Off: When breaker is "on" but this switch is in the "off" mode, you will have power to the unswitched outlets only
- Remote: "On/Off" to switched outlets via a remote control device
- Latching remote, the selection switch is wired for Remote/Off/Remote - There is no local control on the PC302-I/MT

**(14) IEC 60320 TYPE C13 OUTLETS**

- 12 on the front panel switched and 2 on rear panel unswitched
- Rated by UL/CSA up to 250V~/15A
- Rated by VDE at 250V/10A each

**POWER INPUT**

- External terminal block for power input is on rear panel
- High Voltage Cover with attached cable/plug is available, reference below part numbers

**REMOTE CONTROL**

- Remote on/off and EPO control, EPO overrides remote and local control
- Sequence Power Up additional equipment down line
- Latching remote - (N/C) EPO, momentary start on PC302-I/MT only

**MULTIPLE TIME DELAY™ (MTD™)**

- Activated "Locally" or "Remotely", PH-X powers up, followed 4-seconds later by PH-Y, which is followed 4-seconds later PH-Z, then 4-seconds later the sequenced remote activates the next system in line

**(6) INDICATOR LIGHTS**

- Main Power "on"
- Power to Phase X, Y, and Z
- 120/208V~ input selected
- 230/400V~ input selected



SPECIFICATIONS	PC302-I/MTD	PC302-I/LT
Approvals	UL/cUL, TUV, CE	UL/cUL, TUV, CE
Voltage Input (Selectable)	120/208 VAC or 230/400 VAC	120/208 VAC or 230/400 VAC
Voltage Output Single Phase	120 VAC or 230 VAC	120 VAC or 230 VAC
Frequency (Hz)	50/60Hz	50/60Hz
Current Input Per Phase	20A or 16A Per Phase	20A or 16A Per Phase
Current Output Per Phase	16A Per Phase	16A Per Phase
Full load VA Per Phase	1920 VA or 3680 VA Per Phase	1920 VA or 3680 VA Per Phase
Main Circuit Breaker	4 Pole 20A	4 Pole 20A
IEC 60320 Outlets	Type C13	Type C13
EMI/RFI Filter	20A per phase	20A per phase
Surge Suppression	270V	270V
Power Input	Terminal Block	Terminal Block

**REQUIRED CABLE ASSEMBLY OPTIONS:** CBL100: 20A with 12/5 cable 9' long terminated with a NEMA L21-20P  
**SOLD SEPARATELY** for use in North America at 120/208V~



CBL102: 20A with 5x2.5mm Harmonized cable 9' long. A plug is not provided so that the end user can provide the country specific plug for use in Europe at 230/400V~

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	.15	.50	1.5	5.0	20.0
dB.	4	18	38	44	50	50

DIFFERENTIAL INSERTION LOSS

Mhz.	.05	.15	1.0	1.5	5.0	20.0
dB.	12	20	40	60	50	50

**Environmental**

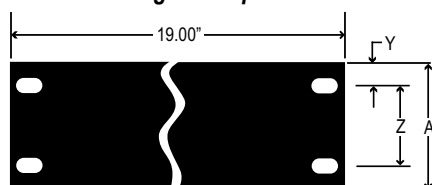
Operating Temperature is 0 to 50 C

Storage Temperature is -40 to 70 C

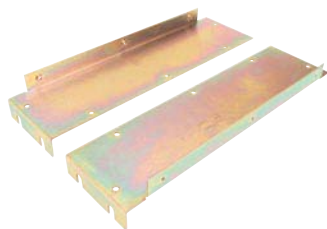
Altitude Maximum 10,000 ft.

Relative Humidity is 95% Max Non-Condensing

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

**Rack Mounting Hole Specification Table****HOLE SPECIFICATION TABLE**

A	Y	Z
3.5	.875	1.75

**PART NUMBER:**

001-0819-1, 001-0819-2

**DESCRIPTION:**

Flush Mount brackets front or rear (1) each required

## Optional Remote Control Panel

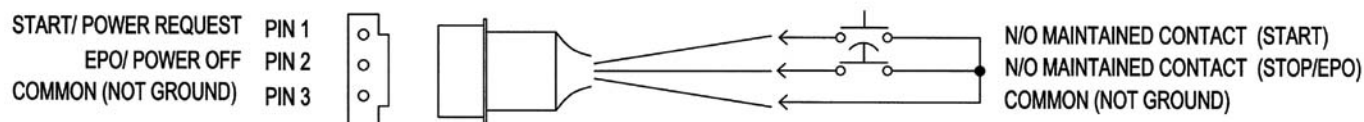


RCP100-BLK-LT



RCP200-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.

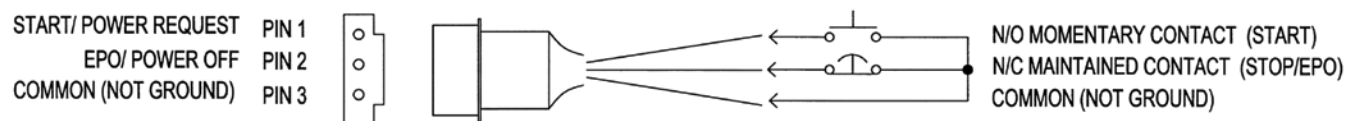
### SEQUENCED REMOTE:

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:

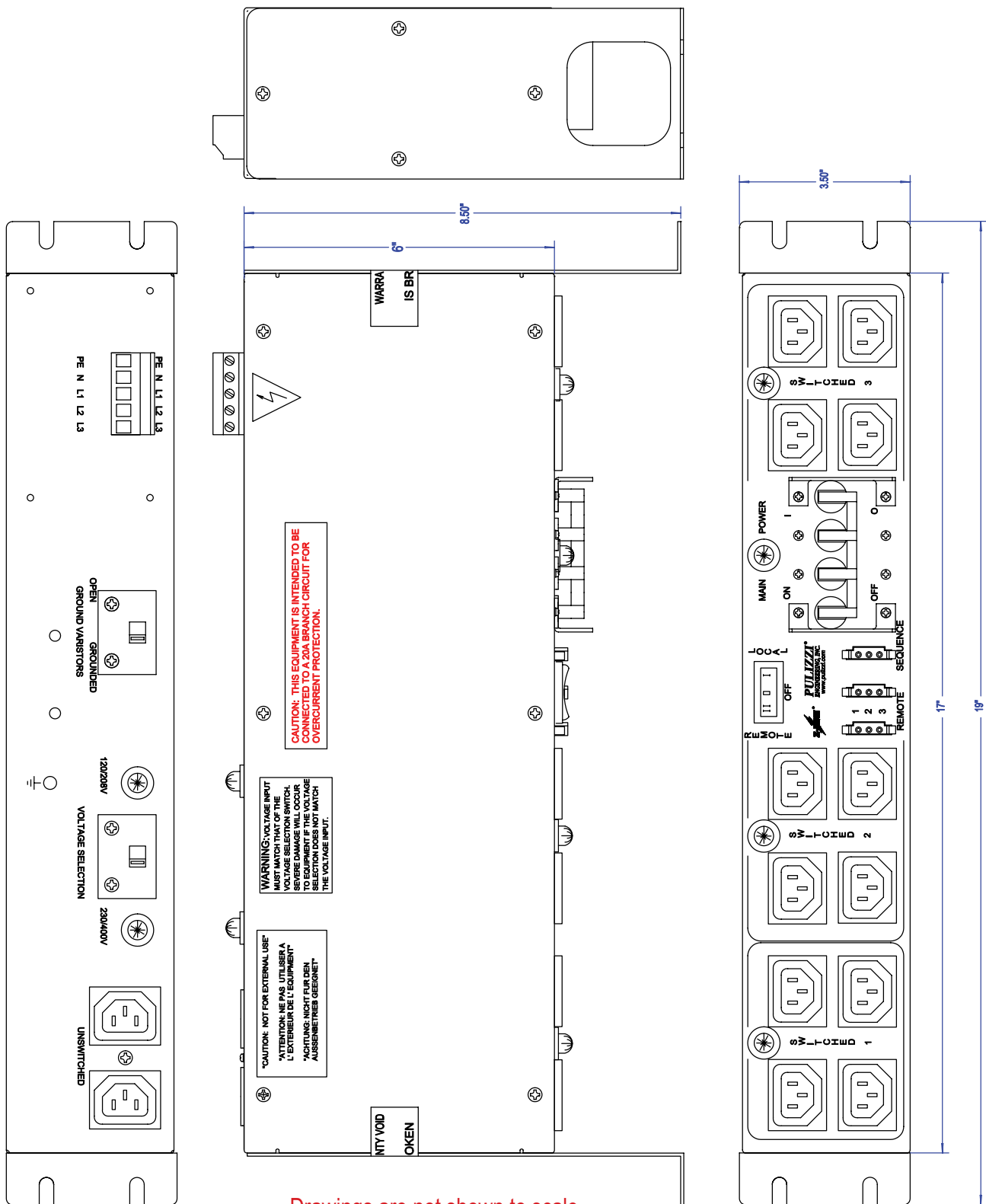
Connect pins 1 & 2 of the "sequence" port to any remote port on another "LT" unit. The sequence port activates 4 seconds after the final set of outlets turn on.

**(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](http://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.



Drawings are not shown to scale  
Dimensions are in inches