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EATON | Powerware

Three Phase Systems-International PC5585 Series



Enclosure Power Distribution Units (ePDU™)


Front


Back

RACK MOUNTED
- 19" x 2U (3.4") x 8.5" (recessed)
- Approximate shipping weight: 18 lbs.

IEC 60320 OUTLETS (14)
- 12 switched (4 per switched section) on the front panel and 2 unswitched on the rear panel. Each outlet is rated by UL and CSA at 125V~ / 15A or by VDE at 250V~ / 10A

REMOTE SELECTION SWITCH
- Local: Power "on" to the 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: Power "on/off" to the switched outlets via a remote device
- Latching remote: PC5585-CF1/LT only - the selection switch is wired for Remote/Off/Remote - There is no local control

VOLTAGE SELECTION SWITCH
- 120V~ Single Phase 50/60Hz
- 240V~ Single Phase 50/60Hz

EMI/RFI FILTERING
- Common Mode Line to Ground
- Differential Mode Line to Line

SPIKE/SURGE SUPPRESSION
- Line to Line

(3 N/O) REMOTE I/O PORTS
- 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 - (N/C) EPO, momentary start on PC5585-CF1/LT only

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

MULTIPLE TIME DELAY (MTD™) (Optional)
- After Section 1 powers up, 4-seconds later Section 2 powers up, which is followed 4-seconds later by Section 3. Four seconds later the sequenced remote activates the next system in line
- Models with (/MTD) sequence power up and power down in reverse order
- Models with (1/MTD) sequence power up but not down
- Models without MTD will power up all 12 switched outlets at once
- Sequenced remote is standard on all systems

(6) INDICATOR LIGHTS
- (1) Main power "on"
- (1) Each, Section 1, 2, 3 power "on"
- 120V~ or 240V~ indicator to show which voltage is selected

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

SPECIFICATIONS	PC5585-AB	PC5585-AB1/MTD	PC5585-AB/MTD	PC5585-CF	PC5585-CF1/MTD	PC5585-CF/MTD
Approvals	UL/cUL, TUV, CE	UL/cUL, TUV, CE	UL/cUL, TUV, CE	UL/cUL, TUV, CE	UL/cUL, TUV, CE	UL/cUL, TUV, CE
Voltage I/O, (50/60Hz)	120V/240V~	120V/240V~	120V/240V~	120V/240V~	120V/240V~	120V/240V~
Current Input	20A	20A	20A	30A	30A	30A
Current Output	16A	16A	16A	24A	24A	24A
Full Load VA	1920VA/3840VA	1920VA/3840VA	1920VA/3840VA	2880VA/5760VA	2880VA/5760VA	2880VA/5760VA
Circuit Breaker	20/20A	20/20A	20/20A	20/20/30A	20/20/30A	20/20/30A
Multiple Time Delay	Remote only	MTD™ Up	MTD™ Up/Down	Remote only	MTD™ Up	MTD™ Up/Down
Outlets: IEC 60320	Type C13	Type C13	Type C13	Type C13	Type C13	Type C13
EMI/RFI Filter	20A	20A	20A	30A	30A	30A
Surge Suppression	270V	270V	270V	270V	270V	270V

REQUIRED CABLE ASSEMBLY OPTIONS:



CBL103: 120V/30A with 10/3 cable 9' long terminated with a NEMA L5-30P
CBL104: 240V/30A with 10/3 cable 9' long terminated with a NEMA L6-30P
CBL105: 240V/30A with 3x4.0mm Harmonized cable 9' long terminated with an IEC 60309 32A plug

This system is designed to be controlled Locally or Remotely via a remote control panel. **SOLD SEPARATELY**

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

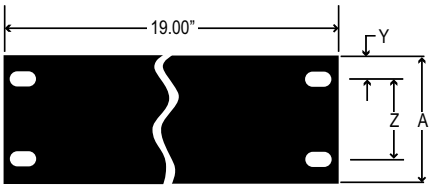


PART NUMBER: SUB-REM-1200 - 12" Length
SUB-REM-2400 - 24" Length
SUB-REM-6000 - 60" Length
REMOTE08-10 - 10' Length
REMOTE08-12 - 12' Length
REMOTE08-035 - 35' Length
DESCRIPTION: 3 pin to 3 pin remote cable

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

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

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.	.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

EMI/RFI FILTERING COMMON MODE INSERTION LOSS							
Mhz.	.1	.5	1.0	5.0	10.0	20.0	50.0
dB.	18	40	48	62	80	70	60

DIFFERENTIAL INSERTION LOSS						
Mhz.	.1	.5	1.0	5.0	10.0	20.0
dB.	21	33	41	50	50	50

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Optional Remote Control Panel

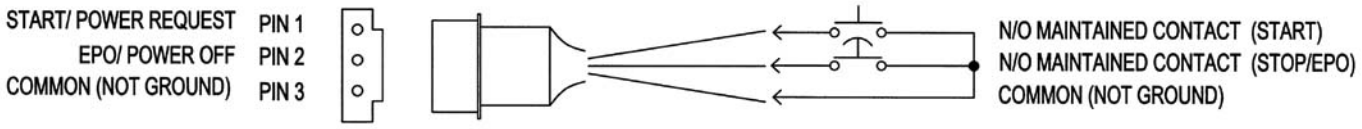


RCP100-BLK-LT



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:

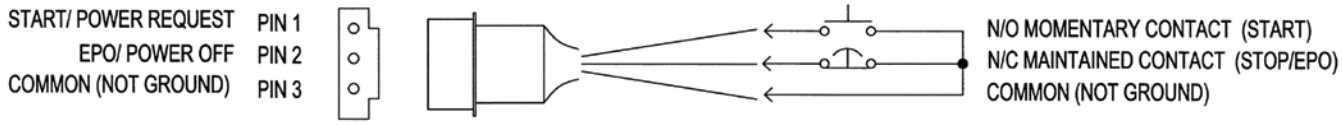
1. A maintained contact between pins 2 & 3 will turn off the switched outlets regardless of the position of the "on/off/remote" switch.

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.

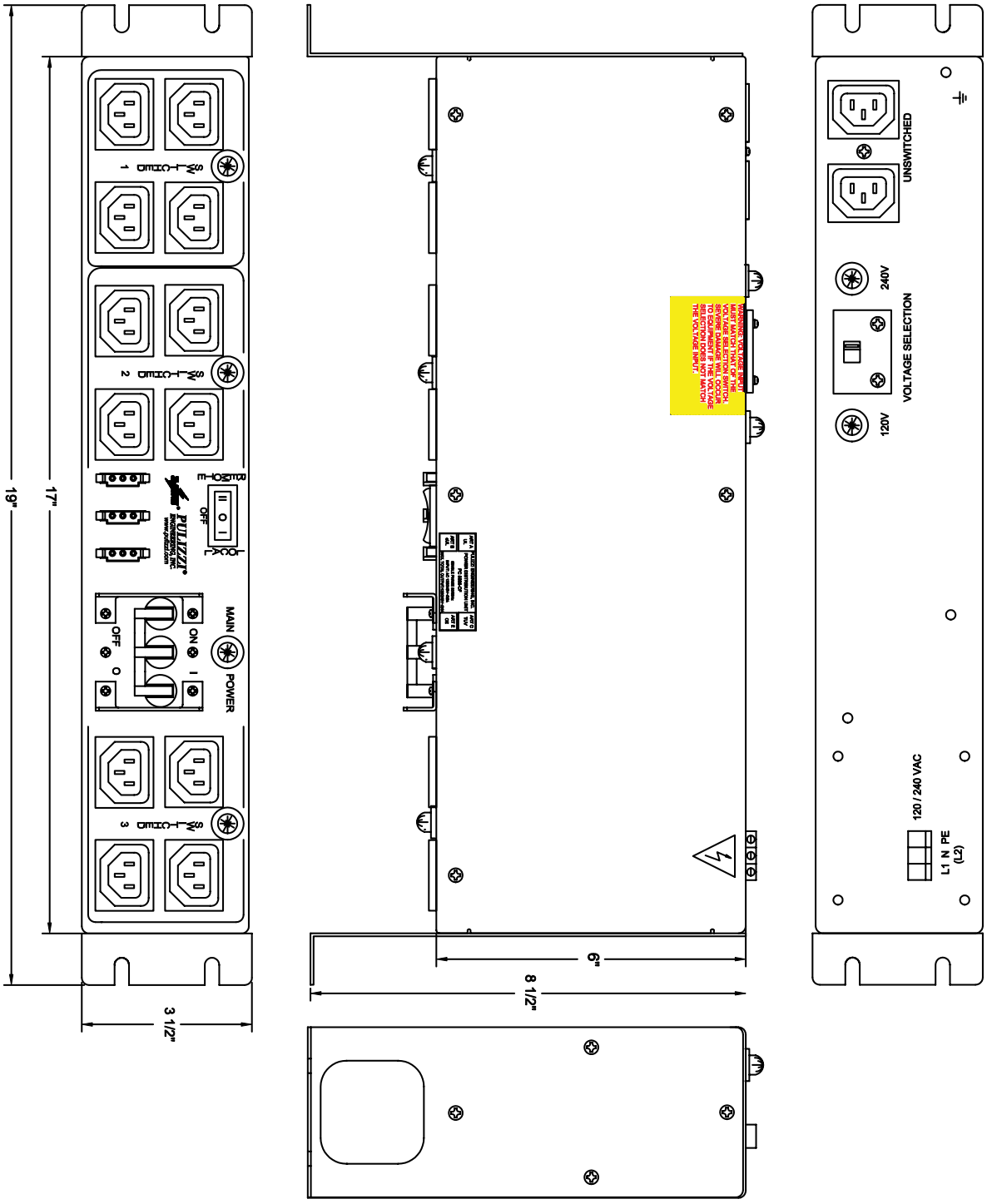
SEQUENCE REMOTE:
Connect pins 1 & 2 of the "sequence" port to any remote port on another "-LT" unit. The sequence port activates 4 seconds after the final set of outlets turn on.
(Do not connect to another "sequence" port!)

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.

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.

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Drawings are not shown to scale
Dimensions are in inches

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