

Current Monitoring (EM)

Geist's Current Monitoring PDUs are ideal for installations where remote current monitoring is critical. Most data center managers have experienced down equipment caused by an overloaded circuit. The resulting down-time can cause a disproportionate amount of damage and lost revenues. Various configurations are available including outlet, breaker, circuit, and aggregate level monitoring and alarming. Units featuring outlet level monitoring offer additional granularity for identifying idle server power or simplifying departmental chargeback for power use.

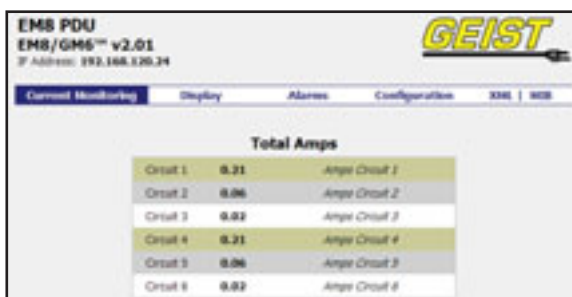
SPECIFICATION:

+/- 3.5% Accuracy with Full Scale 50/60Hz sine wave input

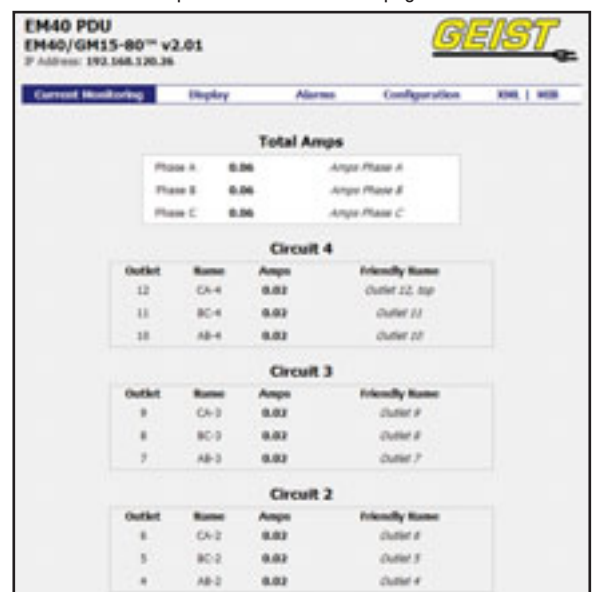


FEATURE	BENEFIT
Remote current monitoring	Prevent down-time with early notification of current threshold breach
Local current monitoring - digital display	Instantaneous feedback ideal for moves, adds and changes
SNMP traps and alarms	Integration into SNMP system for remote notification
User-friendly GUI interface	Quickly locate pertinent information
Pause scroll button	Observe changes to circuit current consumption as equipment is added
IP address reset button	Ease of reconfiguration upon move or loss of IP address
Accessible via any web browser	Easy installation & maintenance - No external software

Representative of units on page 88

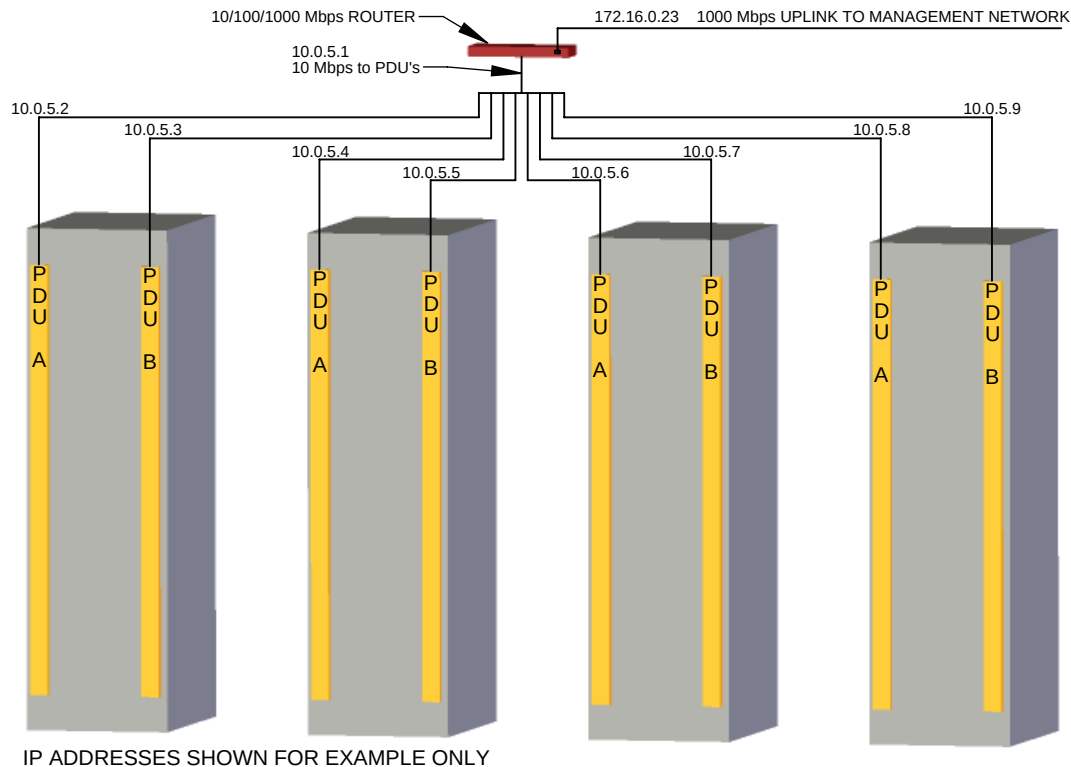


Representative of unit 1 on page 89

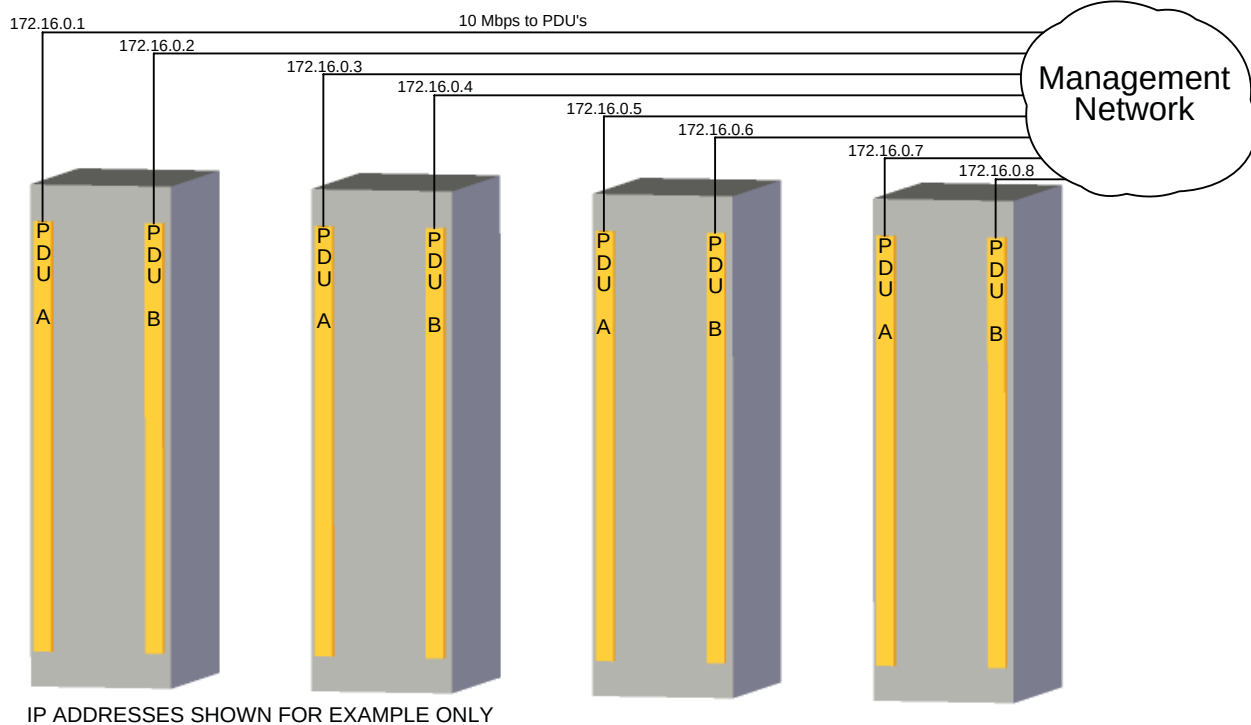


Current Monitoring Connectivity

Ethernet Connectivity using VLAN/Subnet Topology



Traditional Network Topology



IEC inlet units allow the PDU to supply 120V, 208V or 230V. The voltage distributed is determined by the voltage input. (For a complete offering of IEC Cord Sets see page 169)

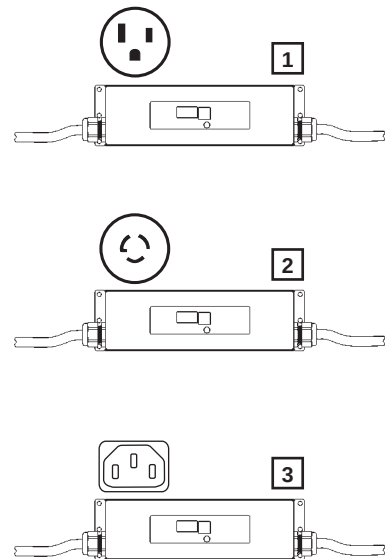
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

LME-101ST5-10ST5S

LME-101TL5-10TL5S

LME-101C13-10C14S

LINE DRAWING	1	2	3
AMPS	15	15	15
VOLTS	120	120	120 or 208
TOTAL RECEPTACLE QTY	1	1	1
RECEPTACLE TYPE / QTY	5-15R / 1	L5-15R / 1	C-13 / 1
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO	NO
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *
MONITORING	AGGREGATE	AGGREGATE	AGGREGATE
INPUT / OUTPUT POWER CORDS	10' EACH	10' EACH	10' EACH
STRAIGHT-BLADE PLUG	5-15P	N/A	C-14
TWIST-LOCK PLUG	N/A	L5-15P	N/A
PANEL MOUNTING INTEGRAL BRACKETS	YES	YES	YES
DIMENSIONS H (INCHES)	2	2	2
DIMENSIONS W	12.25	12.25	12.25
DIMENSIONS D	3.5	3.5	3.5



MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)

20 Amp, 1.9kW - 5.8kW

IEC inlet units allow the PDU to supply 120V, 208V or 230V. The voltage distributed is determined by the voltage input. (For a complete offering of IEC Cord Sets see page 169)

- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

LME-102ST5-10ST5S

LME-102TL5-10TL5S

LME-102C19-10C20S

LME-102ST6-10ST6S

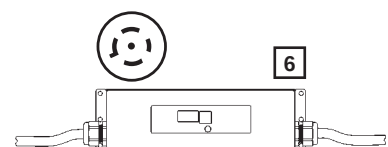
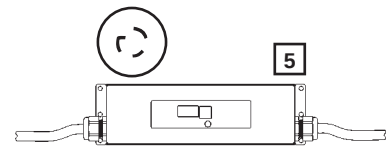
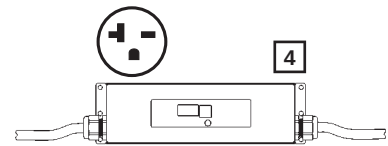
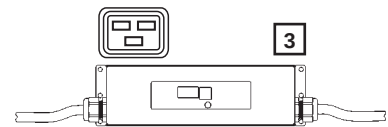
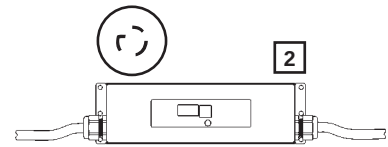
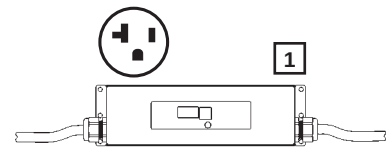
LME-102TL6-10TL6S

LME-102TL21-10TL21S

LINE DRAWING	1	2	3	4	5	6
AMPS	20	20	20	20	20	20 x 3~
VOLTS	120	120	120 or 208	208	208	120 / 208 WYE
TOTAL RECEPTACLE QTY	1	1	1	1	1	1
RECEPTACLE TYPE / QTY	5-20R / 1	L5-20R / 1	C-19 / 1	6-20R / 1	L6-20R / 1	L21-20R / 1
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO	NO	NO	NO	NO
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *	YES *	YES *	YES *
MONITORING	AGGREGATE	AGGREGATE	AGGREGATE	AGGREGATE	AGGREGATE	PHASE (X,Y,Z)
INPUT / OUTPUT POWER CORDS	10' EACH	10' EACH	10' EACH	10' EACH	10' EACH	10' EACH
STRAIGHT-BLADE PLUG	5-20P	N/A	C-20	6-20P	N/A	N/A
TWIST-LOCK PLUG	N/A	L5-20P	N/A	N/A	L6-20P	L21-20P
PANEL MOUNTING INTEGRAL BRACKETS	YES	YES	YES	YES	YES	YES
DIMENSIONS H (INCHES)	2	2	2	2	2	2
DIMENSIONS W	12.25	12.25	12.25	12.25	12.25	12.25
DIMENSIONS D	3.5	3.5	3.5	3.5	3.5	3.5

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)



Basic & Metered

Monitored

Switched

Satellite

Environmental

Software

Accessories

Brackets

Educational

Resources

2.9kW - 8.6kW 30 Amp

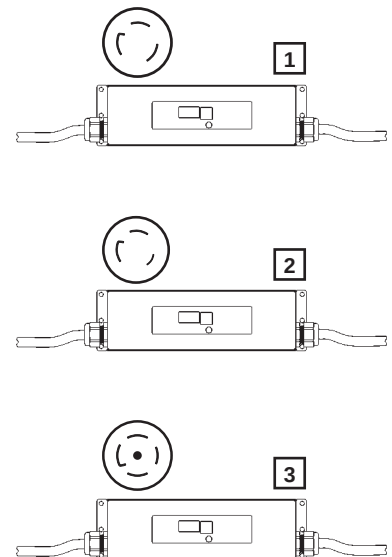
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

LME-103TL5-10TL5S
LME-103TL6-10TL6S
LME-103TL21-10TL21S

LINE DRAWING	1	2	3
AMPS	30	30	30 x 3~
VOLTS	120	208	120 / 208 WYE
TOTAL RECEPTACLE QTY	1	1	1
RECEPTACLE TYPE / QTY	L5-30R / 1	L6-30R / 1	L21-30R / 1
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO	NO
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *
MONITORING	AGGREGATE	AGGREGATE	PHASE (X,Y,Z)
INPUT / OUTPUT POWER CORDS	10' EACH	10' EACH	10' EACH
TWIST-LOCK PLUG	L5-30P	L6-30P	L21-30P
PANEL MOUNTING INTEGRAL BRACKETS	YES	YES	YES
DIMENSIONS H (INCHES)	2	2	2
DIMENSIONS W	12.25	12.25	12.25
DIMENSIONS D	3.5	3.5	3.5

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)



20 Amp, 120 Volt, 1.9kW

- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

2JRMN202-102D20~~ST~~I5

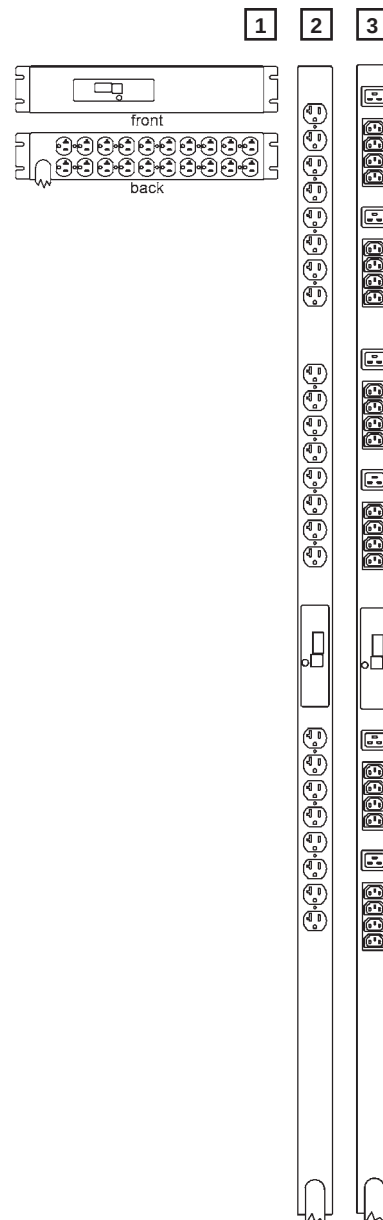
JBMN242-102D20~~ST~~I5

JBMN302-102IN6~~ST~~I5

LINE DRAWING	1	2	3
AMPS	20	20	20
VOLTS	120	120	120
TOTAL RECEPTACLE QTY	20	24	30
RECEPTACLE TYPE / QTY	5-20R / 20	5-20R / 24	C-13 / 24
RECEPTACLE TYPE / QTY	N/A	N/A	C-19 / 6
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO	NO
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *
MONITORING	AGGREGATE	AGGREGATE	AGGREGATE
10' POWER CORD	1	1	1
STRAIGHT-BLADE PLUG	5-20P	5-20P	5-20P
TWIST-LOCK PLUG	OPT	OPT	OPT
FULL-LENGTH VERTICAL MOUNTING BRACKET	NO	YES	YES
2U RECESSED MOUNTING BRACKETS	YES	NO	NO
TOOLLESS MOUNTING HARDWARE - CENTER TO CENTER SPACING (INCHES)	N/A	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L/H (INCHES)	3.39	66.25	66.25
DIMENSIONS W	17	2	2
DIMENSIONS D	6	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) 02-15 (Plug Attached)	
Plug Type: ST = Straight-Blade / TL = Twist-Lock	



- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

2VHVRMN202-102D20ST6

VHBMN242-102D20ST6

VHVAMN082-102I44ST6

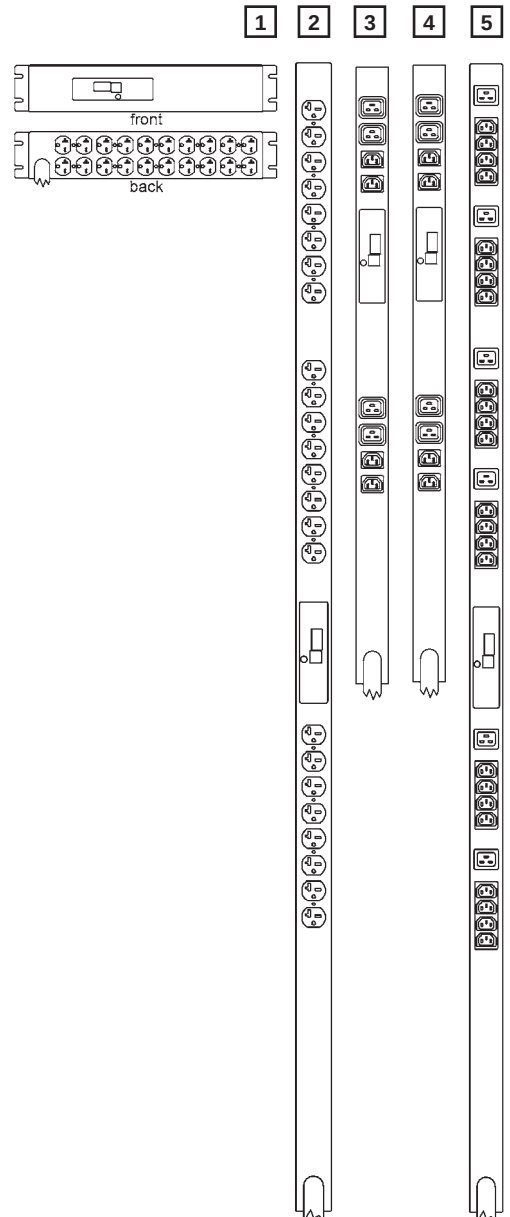
 VHVAMN082-102I44ST6-OM

 VHBMN302-102IN6ST6

LINE DRAWING	1	2	3	4	5
AMPS	20	20	20	20	20
VOLTS	208	208	208	208	208
TOTAL RECEPTACLE QTY	20	24	8	8	30
RECEPTACLE TYPE / QTY	6-20R / 20	6-20R / 24	C-13 / 4	C-13 / 4	C-13 / 24
RECEPTACLE TYPE / QTY	N/A	N/A	C-19 / 4	C-19 / 4	C-19 / 6
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO	NO	NO	NO
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *	YES *	YES *
MONITORING	AGGREGATE	AGGREGATE	AGGREGATE	AGGREGATE & OUTLET	AGGREGATE
10' POWER CORD	1	1	1	1	1
STRAIGHT-BLADE PLUG	6-20P	6-20P	6-20P	6-20P	6-20P
TWIST-LOCK PLUG	OPT	OPT	OPT	OPT	OPT
FULL-LENGTH VERTICAL MOUNTING BRACKET	NO	YES	YES	YES	YES
2 U RECESSED MOUNTING BRACKETS	YES	NO	NO	NO	NO
TOOLLESS MOUNTING HARDWARE - CENTER TO CENTER SPACING (INCHES)	N/A	61.25 & 64.75	36.75	36.75	61.25 & 64.75
DIMENSIONS L/H (INCHES)	3.39	66.25	38.5	38.5	66.25
DIMENSIONS W	17	2	2	2	2
DIMENSIONS D	6	2	2	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) <u>02-15</u> (Plug Attached)	
Plug Type: <u>SI</u> = Straight-Blade / <u>IL</u> = Twist-Lock	



20 Amp, 3 Phase, 5.8kW

- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

JBMN243-102D20TL21

JBMN303-102IN6TL21

VHVMN248-102D20TL21

VHVMN308-102IN6TL21

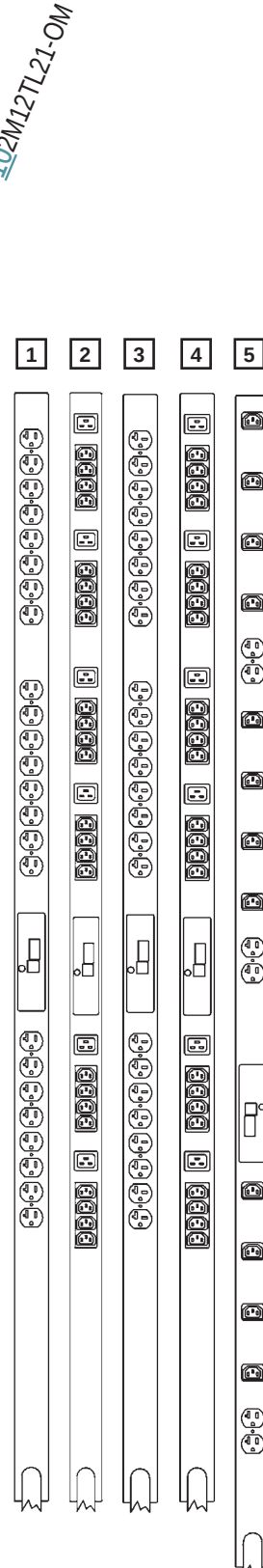
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LINE DRAWING	1	2	3	4	5
AMPS	20 x 3~	20 x 3~	20 x 3~	20 x 3~	20 x 3~
VOLTS	120 / 208	120 / 208	120 / 208	120 / 208	120 / 208
OUTPUT VOLTAGE FOR 3- INPUT UNITS	120	120	208	208	120 & 208
TOTAL RECEPTACLE QTY	24	30	24	30	18
RECEPTACLE TYPE / QTY	5-20R / 24	C-13 / 24	6-20R / 24	C-13 / 24	C-13 / 12
RECEPTACLES PER PHASE	8	8	N/A	N/A	N/A
RECEPTACLES PER PHASE COMBINATION	N/A	N/A	8	8	4
RECEPTACLE TYPE / QTY	N/A	C-19 / 6	N/A	C-19 / 6	5-20R / 6
RECEPTACLES PER PHASE	N/A	2	N/A	N/A	2
RECEPTACLES PER PHASE COMBINATION	N/A	N/A	N/A	2	N/A
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO	NO	NO	NO
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *	YES *	YES *
MONITORING	PHASE (X,Y,Z)	PHASE (X,Y,Z)	CIRCUIT (XY,YZ,ZX)	CIRCUIT (XY,YZ,ZX)	PHASE (X,Y,Z) & OUTLET
10' POWER CORD	1	1	1	1	1
TWIST-LOCK PLUG	L21-20P	L21-20P	L21-20P	L21-20P	L21-20P
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES	YES	YES	YES
TOOLLESS MOUNTING HARDWARE - CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L/H (INCHES)	66.25	66.25	66.25	66.25	70
DIMENSIONS W	2	2	2	2	2
DIMENSIONS D	2	2	2	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)

PATENTED

Basic &
Metered

Monitored

Switched

Satellite

Environmental

Software

Accessories

Brackets

Educational

Resources

11kW 20 Amp, 3 Phase

 New 230/400V  New 230/400V

YBMN303-102IN6TL22

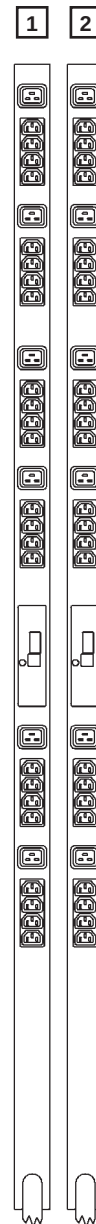
YBMN303-102IN6PS56

- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

LINE DRAWING	1	2
AMPS	20 x 3~	20 x 3~
VOLTS	230 / 400 WYE	230 / 400 WYE
OUTPUT VOLTAGE FOR 3~ INPUT UNITS	230	230
TOTAL RECEPTACLE QTY	30	30
RECEPTACLE TYPE / QTY	C-13 / 24	C-13 / 24
RECEPTACLES PER PHASE	8	8
RECEPTACLE TYPE / QTY	C-19 / 6	C-19 / 6
RECEPTACLES PER PHASE	2	2
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *
MONITORING	PHASE (X,Y,Z)	PHASE (X,Y,Z)
10' POWER CORD	1	1
TWIST-LOCK PLUG	L22-20P	N/A
IEC 60309 PIN & SLEEVE CONNECTOR	N/A	20A, 230/400V 4P / 5W
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L (INCHES)	66.25	66.25
DIMENSIONS W	2	2
DIMENSIONS D	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) 02-15 (Plug Attached)



30 Amp, 120 Volt, 2.9kW

- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

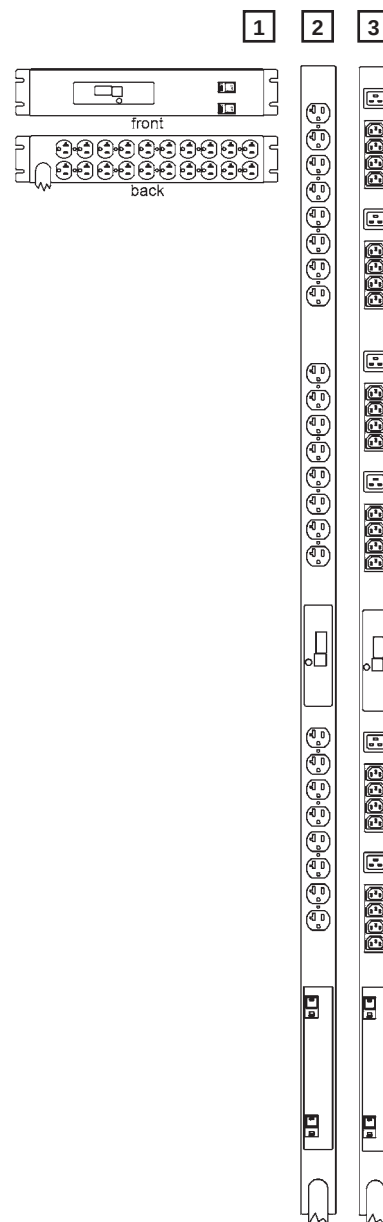
2XPRM200-103D20TL5

XPBM240-103D20TL5

XPBM300-103IN6TL5

LINE DRAWING	1	2	3
AMPS	30	30	30
VOLTS	120	120	120
TOTAL RECEPTACLE QTY	20	24	30
RECEPTACLE TYPE / QTY	5-20R / 20	5-20R / 24	C-13 / 24
RECEPTACLES PER BREAKER	10	12	12
RECEPTACLE TYPE / QTY	N/A	N/A	C-19 / 6
RECEPTACLES PER BREAKER	N/A	N/A	3
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL SWITCH GUARD	YES	YES	YES
BREAKER AMPERAGE / QTY	20 / 2	20 / 2	20 / 2
BREAKER POLE CONFIGURATION	SINGLE	SINGLE	SINGLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *
MONITORING	CIRCUIT BREAKER / AGGREGATE	CIRCUIT BREAKER / AGGREGATE	CIRCUIT BREAKER / AGGREGATE
10' POWER CORD	1	1	1
TWIST-LOCK PLUG	L5-30P	L5-30P	L5-30P
FULL-LENGTH VERTICAL MOUNTING BRACKET	NO	YES	YES
2U RECESSED MOUNTING BRACKETS	YES	NO	NO
TOOLLESS MOUNTING HARDWARE - CENTER TO CENTER SPACING (INCHES)	N/A	61.25 & 64.75	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	NO	YES	YES
DIMENSIONS L/H (INCHES)	3.39	66.25	66.25
DIMENSIONS W	17	2	2
DIMENSIONS D	6	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)

5kW 30 Amp, 208 Volt

- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

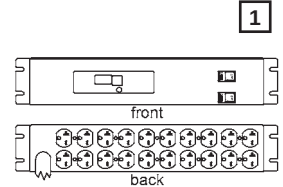
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XPBM240-103D20TL6

XPAM080-103I44TL6

XPAM080-103I44TL6-OM

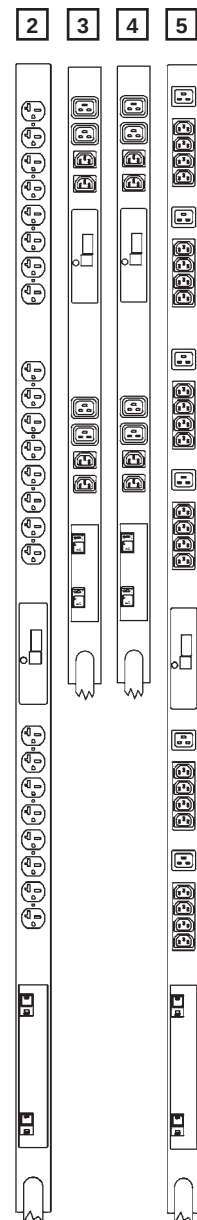
XPBM300-103IN6TL6



LINE DRAWING	1	2	3	4	5
AMPS	30	30	30	30	30
VOLTS	208	208	208	208	208
TOTAL RECEPTACLE QTY	20	24	8	8	30
RECEPTACLE TYPE / QTY	6-20R / 20	6-20R / 24	C-13 / 4	C-13 / 4	C-13 / 24
RECEPTACLES PER BREAKER	10	12	2	2	12
RECEPTACLE TYPE / QTY	N/A	N/A	C-19 / 4	C-19 / 4	C-19 / 6
RECEPTACLES PER BREAKER	N/A	N/A	2	2	3
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL SWITCH GUARD	YES	YES	YES	YES	YES
BREAKER AMPERAGE / QTY	20 / 2	20 / 2	20 / 2	20 / 2	20 / 2
BREAKER POLE CONFIGURATION	DOUBLE	DOUBLE	DOUBLE	DOUBLE	DOUBLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *	YES *	YES *
MONITORING	CIRCUIT BREAKER / AGGREGATE	CIRCUIT BREAKER / AGGREGATE	CIRCUIT BREAKER / AGGREGATE	CIRCUIT BREAKER / AGGREGATE / OUTLET	CIRCUIT BREAKER / AGGREGATE
10' POWER CORD	1	1	1	1	1
TWIST-LOCK PLUG	L6-30P	L6-30P	L6-30P	L6-30P	L6-30P
FULL-LENGTH VERTICAL MOUNTING BRACKET	NO	YES	YES	YES	YES
2U RECESSED MOUNTING BRACKETS	YES	NO	NO	NO	NO
TOOLLESS MOUNTING HARDWARE - CENTER TO CENTER SPACING (INCHES)	N/A	61.25 & 64.75	36.75	36.75	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	N/A	YES	YES	YES	YES
DIMENSIONS L/H (INCHES)	3.39	66.25	38.5	38.5	66.25
DIMENSIONS W	17	2	2	2	2
DIMENSIONS D	6	2	2	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)



30 Amp, 3 Phase, 8.6 kW

- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

XPBM243-103D20TL21

XPBM303-103IN6TL21

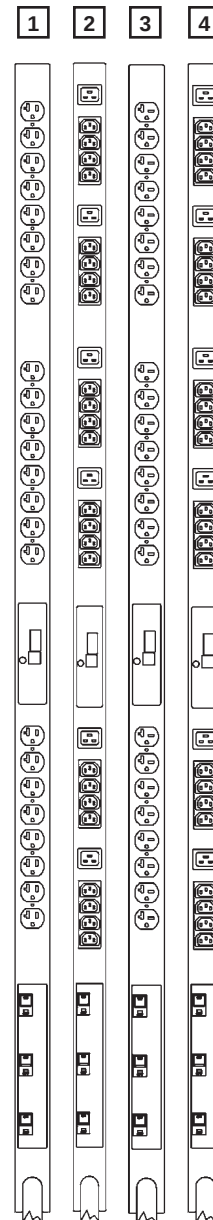
XPBM248-103D20TL21

XPBM308-103IN6TL21

LINE DRAWING	1	2	3	4
AMPS	30 x 3~	30 x 3~	30 x 3~	30 x 3~
VOLTS	120 / 208 WYE	120 / 208 WYE	120 / 208 WYE	120 / 208 WYE
OUTPUT VOLTAGE FOR 3 PHASE INPUT UNITS	120	120	208	208
TOTAL RECEPTACLE QTY	24	30	24	30
RECEPTACLE TYPE / QTY	5-20R / 24	C-13 / 24	6-20R / 24	C-13 / 24
RECEPTACLES PER PHASE	8	8	N/A	N/A
RECEPTACLES PER PHASE COMBINATION	N/A	N/A	8	8
RECEPTACLE TYPE / QTY	N/A	C-19 / 6	N/A	C-19 / 6
RECEPTACLES PER PHASE	N/A	2	N/A	N/A
RECEPTACLES PER PHASE COMBINATION	N/A	N/A	N/A	2
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL SWITCH GUARD	YES	YES	YES	YES
BREAKER AMPERAGE / QTY	20 / 3	20 / 3	20 / 3	20 / 3
BREAKER POLE CONFIGURATION	DOUBLE	DOUBLE	DOUBLE	DOUBLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *	YES *
MONITORING	PHASE (X,Y,Z)	PHASE (X,Y,Z)	CIRCUIT / BREAKER (XY,YZ,ZX)	CIRCUIT / BREAKER (XY,YZ,ZX)
10' POWER CORD	1	1	1	1
TWIST-LOCK PLUG	L21-30P	L21-30P	L21-30P	L21-30P
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES	YES	YES
TOOLLESS MOUNTING HARDWARE - CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	YES	YES	YES	YES
DIMENSIONS L (INCHES)	66.25	66.25	66.25	66.25
DIMENSIONS W	2	2	2	2
DIMENSIONS D	2	2	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) 02-15 (Plug Attached)	
DELTA Unit Configuration Option: 21 = WYE L21-30P Plug / 15 = DELTA L15-30P Plug	

Basic &
Metered

Monitored

Switched

Satellite

Environmental

Software

Accessories

Brackets

Educational

Resources

8.6kW 30 Amp, 3 Phase

- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

XPBM339-103M14TL21

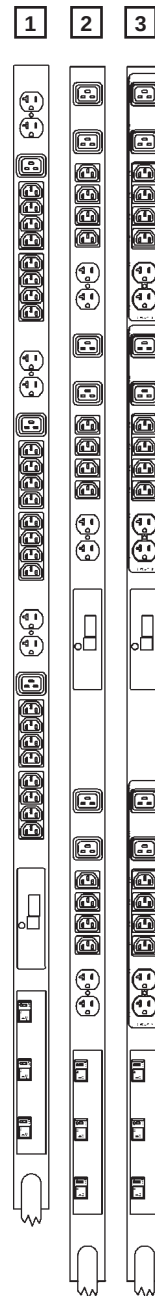
XPWM249-103M46TL21

XPWM249-103M46TL21-OM

LINE DRAWING	1	2	3
AMPS	30 x 3~	30 x 3~	30 x 3~
VOLTS	120 / 208 WYE	120 / 208 WYE	120 / 208 WYE
OUTPUT VOLTAGE FOR 3 PHASE INPUT UNITS	120 & 208	120 & 208	120 & 208
TOTAL RECEPTACLE QTY	33	24	24
RECEPTACLE TYPE / QTY	C-13 / 24	C-13 / 12	C-13 / 12
RECEPTACLES PER BREAKER AND PHASE COMBINATION	8	4	4
RECEPTACLE TYPE / QTY	C-19 / 3	C-19 / 6	C-19 / 6
RECEPTACLES PER BREAKER AND PHASE COMBINATION	1	2	2
RECEPTACLE TYPE / QTY	5-20R / 6	5-20R / 6	5-20R / 6
RECEPTACLES PER BREAKER AND PHASE	2	2	2
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL GUARD	YES	YES	YES
BREAKER AMPERAGE / QTY	20 / 3	20 / 3	20 / 3
BREAKER POLE CONFIGURATION	DOUBLE	DOUBLE	DOUBLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *
MONITORING	CIRCUIT / BREAKER (XY,YZ,ZX)	CIRCUIT / BREAKER (XY,YZ,ZX)	CIRCUIT / BREAKER (XY,YZ,ZX) & OUTLET
10' POWER CORD	1	1	1
TWIST-LOCK PLUG	L21-30P	L21-30P	L21-30P
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	YES	YES	YES
DIMENSIONS L (INCHES)	66.25	70	70
DIMENSIONS W	2	2	2
DIMENSIONS D	2	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)



30 Amp, 3 Phase, 16.6kW

New 230/400V

New 230/400V

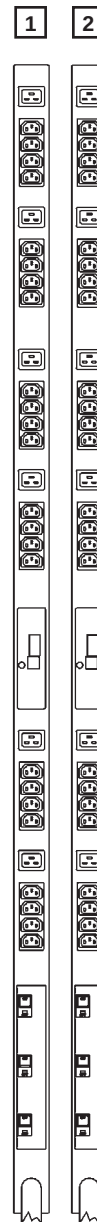
- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

YBM303-103IN6TL22

YBM303-103IN6PS56

LINE DRAWING	1	2
AMPS	30 x 3~	30 x 3~
VOLTS	230 / 400 WYE	230 / 400 WYE
OUTPUT VOLTAGE FOR 3 PHASE INPUT UNITS	230	230
TOTAL RECEPTACLE QTY	30	30
RECEPTACLE TYPE / QTY	C-13 / 24	C-13 / 24
RECEPTACLES PER BREAKER AND PHASE	8	8
RECEPTACLE TYPE / QTY	C-19 / 6	C-19 / 6
RECEPTACLES PER BREAKER AND PHASE	2	2
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL GUARD	YES	YES
BREAKER AMPERAGE / QTY	20 / 3	20 / 3
BREAKER POLE CONFIGURATION	DOUBLE	DOUBLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *
MONITORING	PHASE / BREAKER (X,Y,Z)	PHASE / BREAKER (X,Y,Z)
10' POWER CORD	1	1
TWIST-LOCK PLUG	L22-30P	N/A
IEC 60309 PIN & SLEEVE CONNECTOR	N/A	30A, 230/400V 4P / 5W
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	YES	YES
DIMENSIONS L (INCHES)	66.25	66.25
DIMENSIONS W	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)

Basic & Metered

Monitored

Switched

Satellite

Environmental

Software

Accessories

Brackets

Educational

Resources

10.1kW 35 Amp, 3 Phase

- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- Detailed wiring diagram available on page 181.
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

ZPBM368-105IT6CS15-35

LINE DRAWING	1
AMPS	35 x 3~
VOLTS	208 DELTA
OUTPUT VOLTAGE FOR 3 PHASE INPUT UNITS	208
TOTAL RECEPTACLE QTY	36
RECEPTACLE TYPE / QTY	C-13 / 30
RECEPTACLES PER BREAKER AND PHASE COMBINATION	10
RECEPTACLE TYPE / QTY	C-19 / 6
RECEPTACLES PER BREAKER AND PHASE COMBINATION	2
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL GUARD	YES
BREAKER AMPERAGE / QTY	20 / 3
BREAKER POLE CONFIGURATION	DOUBLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *
MONITORING	CIRCUIT / BREAKER (XY,YZ,ZX)
10' POWER CORD	1
CALIFORNIA STYLE PLUG	50A, 250V 3P / 4W
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	YES
DIMENSIONS L (INCHES)	66.25
DIMENSIONS W	2
DIMENSIONS D	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)

- ZPBM300-106IN6PS6

1

Cord Length (Feet) <u>02-15</u> (Plug Attached)	
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17.3kW 60 Amp, 3 Phase

- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- Detailed wiring diagrams available on page 181.
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

2ZPRM128-106C19PS15

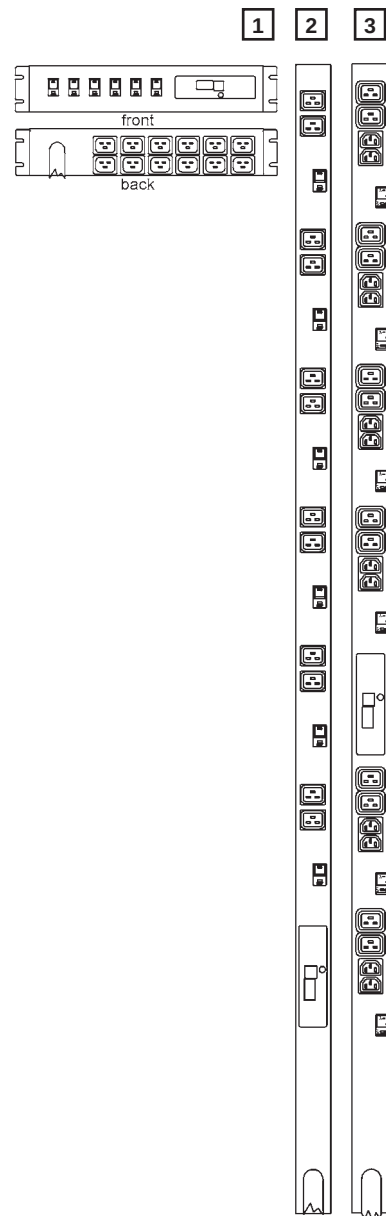
ZPBM128-106C19PS15

ZPBM248-106IBBPS15

LINE DRAWING	1	2	3
AMPS	60 X 3~	60 X 3~	60 X 3~
VOLTS	208 3~ DELTA	208 3~ DELTA	208 3~ DELTA
OUTPUT VOLTAGE FOR 3 PHASE INPUT UNITS	208	208	208
TOTAL RECEPTACLE QTY	12	12	24
RECEPTACLE TYPE / QTY	C-19 / 12	C-19 / 12	C-13 / 12
RECEPTACLES PER BREAKER	2	2	2
RECEPTACLE TYPE / QTY	N/A	N/A	C-19 / 12
RECEPTACLES PER BREAKER	N/A	N/A	2
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL GUARD	YES	YES	YES
BREAKER AMPERAGE / QTY	20 / 6	20 / 6	20 / 6
BREAKER POLE CONFIGURATION	DOUBLE	DOUBLE	DOUBLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *
MONITORING	BREAKER	BREAKER	BREAKER
10' POWER CORD	1	1	1
IEC 60309 PIN & SLEEVE CONNECTOR	60A, 250V 3P / 4W	60A, 250V 3P / 4W	60A, 250V 3P / 4W
2U RECESSED MOUNTING BRACKETS	YES	NO	NO
FULL-LENGTH VERTICAL MOUNTING BRACKET	NO	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	N/A	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L/H (INCHES)	3.4	66.25	66.25
DIMENSIONS W	17	2.3	2.3
DIMENSIONS D	9	3.45	3.45

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)



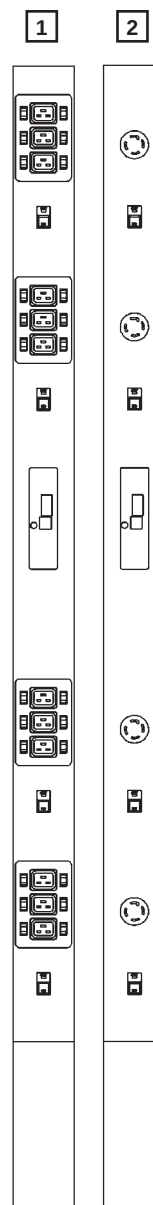
80 & 120 Amp, 3 Phase, 23kW - 34.5kW

- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- Detailed wiring diagram for 80A unit available on page 181.
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

ZPBM128-XX8C19HW15-BE-OM

ZPBM048-XXXT30HW15-BE-OM

LINE DRAWING	1	2
AMPS	80 x 3~	120 x 3~
VOLTS	208 3~ DELTA	208 3~ DELTA
OUTPUT VOLTAGE FOR 3 PHASE INPUT UNITS	208	208 DELTA
TOTAL RECEPTACLE QTY	12	4
RECEPTACLE TYPE / QTY	C-19 / 12	L15-30R / 4
RECEPTACLES PER BREAKER	3	1
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL GUARD	YES	YES
BREAKER AMPERAGE / QTY	20 / 4	30 / 4
BREAKER POLE CONFIGURATION	TRIPLE	TRIPLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *
MONITORING	PHASE (X,Y,Z) & OUTLET	PHASE (X,Y,Z) & OUTLET PHASE
HARDWIRED - WIRING ACCESS PANEL - CONDUIT CONNECTION ACCESS	YES	YES
HARDWIRED CONNECTION OPENING	1.5" TRADE SIZE	1.5" TRADE SIZE
TERMINAL BLOCK ACCEPTS WIRE GAUGE	14 - 2/0	14 - 2/0
SUGGESTED BRANCH CIRCUIT BREAKER RATING	100A	150A
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L (INCHES)	66.25	66.25
DIMENSIONS W	3.5	3.5
DIMENSIONS D	3.5	3.5



Basic & Metered

Monitored

Switched

Satellite

Environmental

Software

Accessories

Brackets

Educational

Resources

Power Monitoring (RCX)

Geist's Power Monitoring PDUs provide a comprehensive remote view of your installation's power utilization. In addition to Amps, Volts, Real Power, Apparent Power, Power Factor and kWatt-Hours, these versatile units provide jacks for optional environmental monitoring. Each of these variables can play a critical role in uptime at your site in addition to insuring energy use efficiency.

SPECIFICATION:

- Ethernet Connection Jack

Power On Indicator

Idle Indicator

Activity Indicator
- Software Reset Button

External Sensor Connection Ports

Two RJ12 Jacks

- add up to 16 Remote Sensors

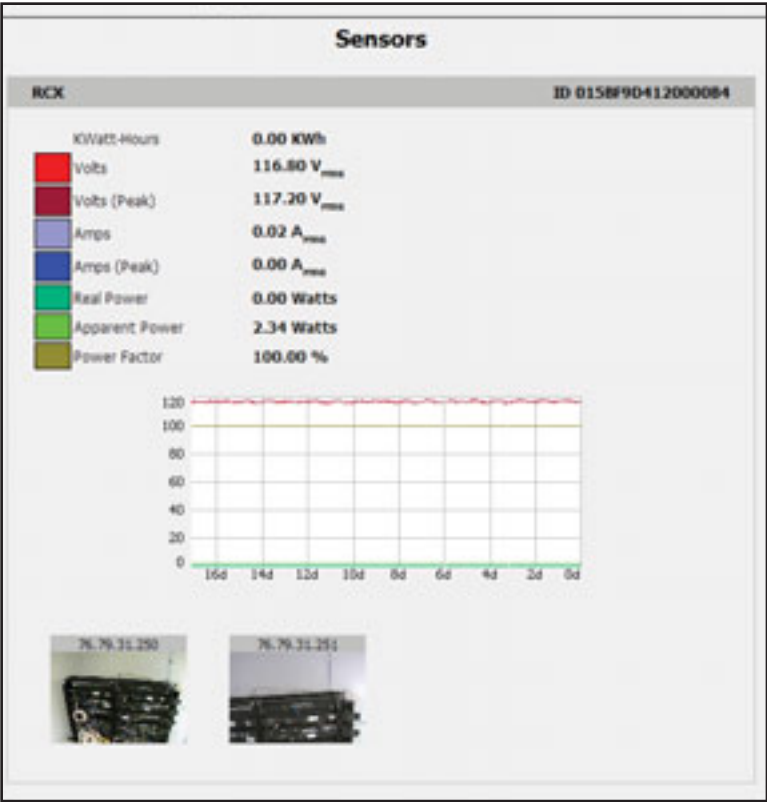
FCC Part 15 Class A Conformance
- Internal Power Sensors

Volts RMS: 80-280 VAC

Amps RMS: 0-32A

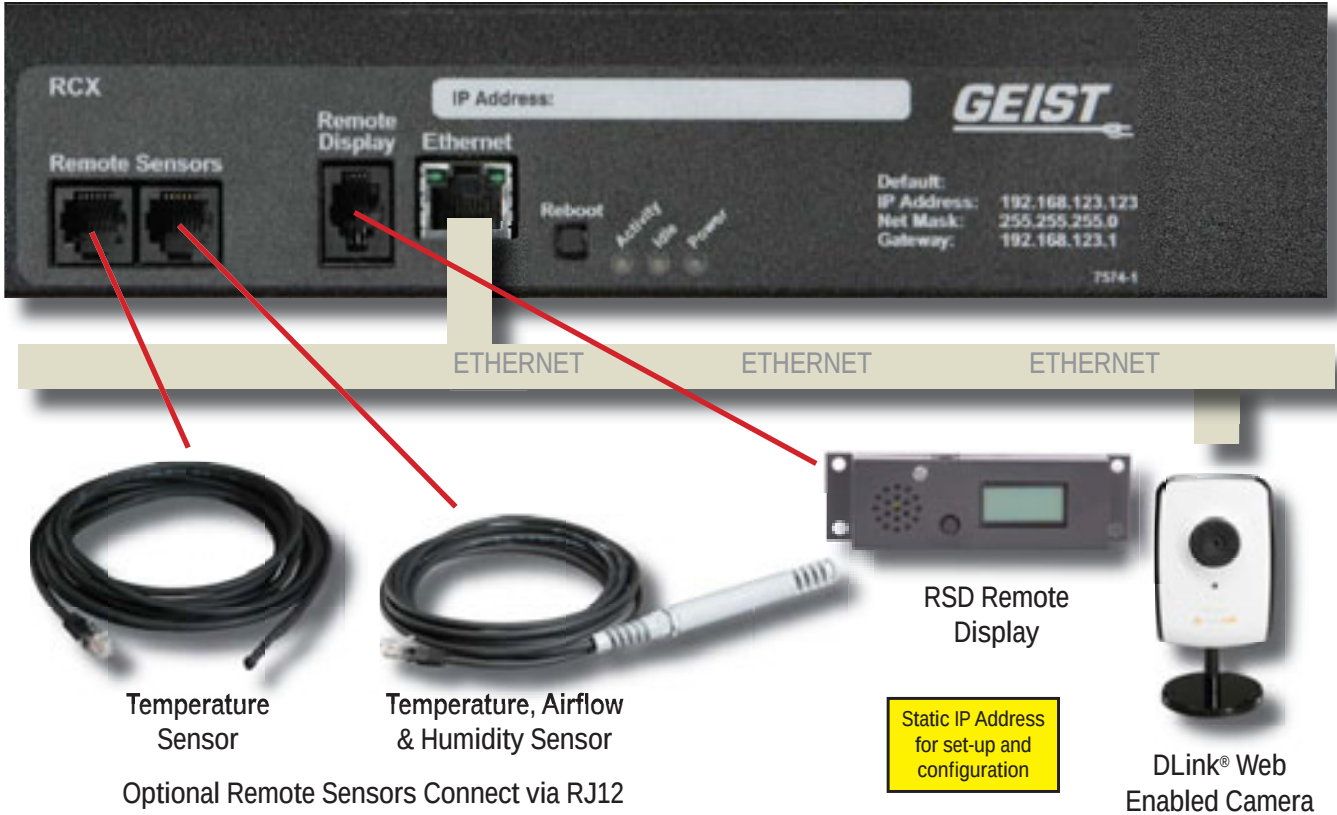
Remote Display (RSD2X8) Connection Jack

FEATURE	BENEFIT
Remote power monitoring	Prevent down-time with early notification of power threshold breach
2 Remote environmental sensor ports	Monitor temperature, air flow, humidity and dew point via connected sensors
Threshold alarms - remote & local	Convenient notification via e-mail, SNMP traps and/or local audible alarm via RSD
Remote LCD display (RSD)	Easily viewable power data via RSD
Interfaces with IP web cameras	Visual monitoring of cabinet or computer room
Accessible via any web browser	Easy installation & maintenance - No external software View data graphs and analyze historical logs



Connectivity Diagram & Compatibility Chart

Power Monitoring



Configuration

E-mail

SMTP Server:

SMTP Port:

Leaving the POP3 Server blank with the Username/Password filled in and using SMTP Port 465 enables ESMTTP/SSL.

"From" E-mail Address:

To E-mail Address 1:

To E-mail Address 2:

To E-mail Address 3:

To E-mail Address 4:

To E-mail Address 5:

POP3 Server:

POP3 Port:

Basic & Metered

Monitored

Switched

Satellite

Environmental

Software

Accessories

Brackets

Educational

Resources

1.4 - 1.9kW 15 & 20 Amp, 120 Volt

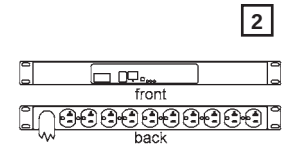
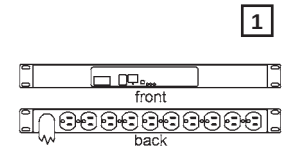
- * Detailed monitoring spec available on page 90.
- UL® & c-UL® Listed 60950
- FCC Part 15 Class A

New
RCXRN102-101D15ST5

New
RCXRN102-102D20ST5

New
RCXBN242-102D20ST5

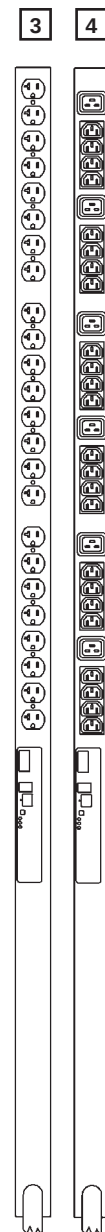
New
RCXBN302-102IN6ST5



LINE DRAWING	1	2	3	4
AMPS	15	20	20	20
VOLTS	120	120	120	120
TOTAL RECEPTACLE QTY	10	10	24	30
RECEPTACLE TYPE / QTY	5-15R / 10	5-20R / 10	5-20R / 24	C-13 / 24
RECEPTACLE TYPE / QTY	N/A	N/A	N/A	C-19 / 6
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO	NO	NO
POWER MONITORING - AMPS, VOLTS, POWER FACTOR, kW HOURS	YES	YES	YES	YES
MONITORING	AGGREGATE	AGGREGATE	AGGREGATE	AGGREGATE
ENVIRONMENTAL MONITORING - REMOTE SENSOR JACKS	2	2	2	2
ETHERNET CONNECTION AND LOCAL DISPLAY (RSD2X8)	YES	YES	YES	YES
10' POWER CORD	1	1	1	1
STRAIGHT-BLADE PLUG	5-15P	5-20P	5-20P	5-20P
TWIST-LOCK PLUG	OPT	OPT	OPT	OPT
ADJUSTABLE HORIZONTAL MOUNTING BRACKETS	YES	YES	N/A	N/A
FULL-LENGTH VERTICAL MOUNTING BRACKET	N/A	N/A	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	N/A	N/A	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L/H (INCHES)	1.72	1.72	66.25	66.25
DIMENSIONS W	17	17	2	2
DIMENSIONS D	6.5	6.5	2.25	2.25

MODIFY TO MEET YOUR NEEDS

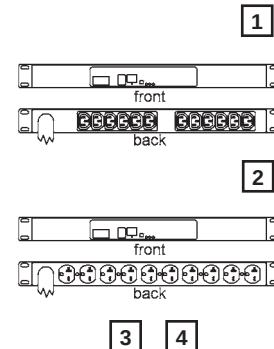
Cord Length (Feet) <u>02-15</u> (Plug Attached)	
Plug Type: <u>ST</u> = Straight-Blade / <u>TL</u> = Twist-Lock	



20 Amp, 120 or 208 Volt & 208 Volt, 1.9 - 3.3kW

- * Detailed monitoring spec available on page 90.
- UL® & c-UL® Listed 60950
 - FCC Part 15 Class A

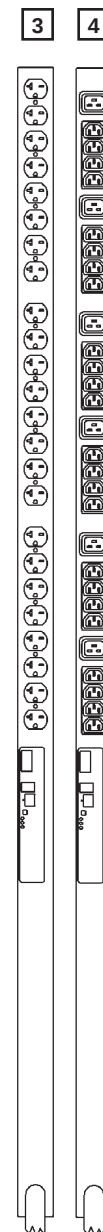
New RCXRN122-102C13C20
New RCXRN102-102D20ST6
New RCXBN242-102D20ST6
New RCXBN302-102IN6ST6



LINE DRAWING	1	2	3	4
AMPS	20	20	20	20
VOLTS	120 or 208	208	208	208
TOTAL RECEPTACLE QTY	12	10	24	30
RECEPTACLE TYPE / QTY	C-13 / 12	6-20R / 10	6-20R / 24	C-13 / 24
RECEPTACLE TYPE / QTY	N/A	N/A	N/A	C-19 / 6
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO	NO	NO
POWER MONITORING - AMPS, VOLTS, POWER FACTOR, KW HOURS	YES	YES	YES	YES
MONITORING	AGGREGATE	AGGREGATE	AGGREGATE	AGGREGATE
ENVIRONMENTAL MONITORING - REMOTE SENSOR JACKS	2	2	2	2
ETHERNET CONNECTION AND LOCAL DISPLAY (RSD2X8)	YES	YES	YES	YES
10' POWER CORD	1	1	1	1
STRAIGHT-BLADE PLUG	C-20	6-20P	6-20P	6-20P
TWIST-LOCK PLUG	N/A	OPT	OPT	OPT
ADJUSTABLE HORIZONTAL MOUNTING BRACKETS	YES	YES	N/A	N/A
FULL-LENGTH VERTICAL MOUNTING BRACKET	N/A	N/A	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	N/A	N/A	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L/H (INCHES)	1.72	1.72	66.25	66.25
DIMENSIONS W	17	17	2	2
DIMENSIONS D	6.5	6.5	2.25	2.25

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) <u>02-15</u> (Plug Attached)	
Plug Type: <u>ST</u> = Straight-Blade / <u>TL</u> = Twist-Lock	

Basic &
Metered

Monitored

Switched

Satellite

Environmental

Software

Accessories

Brackets

Educational

Resources

5.8kW 20 Amp, 3 Phase

- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- * Detailed monitoring spec available on page 90.
- UL® & c-UL® Listed 60950
- FCC Part 15 Class A

 *RCXBN243-102D20TL21*

 *RCXBN303-102IN6TL21*

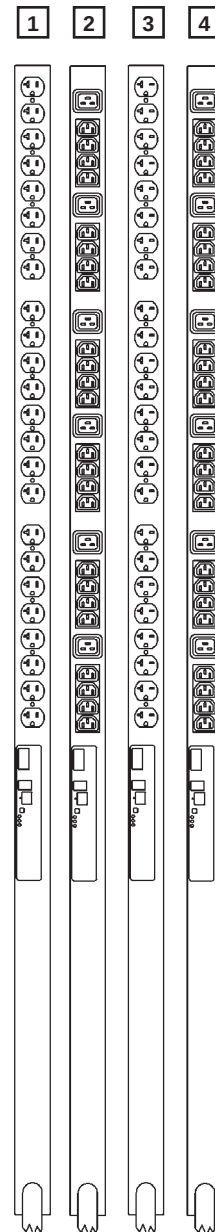
 *RCXBN248-102D20TL21*

 *RCXBN308-102IN6TL21*

LINE DRAWING	1	2	3	4
AMPS	20 x 3~	20 x 3~	20 x 3~	20 x 3~
VOLTS	120	120	208	208
TOTAL RECEPTACLE QTY	24	30	24	30
RECEPTACLE TYPE / QTY	5-20R / 24	C-13 / 24	6-20R / 24	C-13 / 24
RECEPTACLES PER PHASE	8	8	N/A	N/A
RECEPTACLES PER PHASE COMBINATION	N/A	N/A	8	8
RECEPTACLE TYPE / QTY	N/A	C-19 / 6	N/A	C-19 / 6
RECEPTACLES PER PHASE	N/A	2	N/A	N/A
RECEPTACLES PER PHASE COMBINATION	N/A	N/A	N/A	2
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO	NO	NO
POWER MONITORING - AMPS, VOLTS, POWER FACTOR, KW HOURS	YES	YES	YES	YES
MONITORING	PHASE (X,Y,Z)	PHASE (X,Y,Z)	CIRCUIT (XY,YZ,ZX)	CIRCUIT (XY,YZ,ZX)
ENVIRONMENTAL MONITORING - REMOTE SENSOR JACKS	2	2	2	2
ETHERNET CONNECTION AND LOCAL DISPLAY (RSD2X8)	YES	YES	YES	YES
10' POWER CORD	1	1	1	1
TWIST-LOCK PLUG	L21-20P	L21-20P	L21-20P	L21-20P
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L (INCHES)	66.25	66.25	66.25	66.25
DIMENSIONS W	2	2	2	2
DIMENSIONS D	2.25	2.25	2.25	2.25

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)



30 Amp, 120 & 208 Volt, 2.9 - 5kW

RCXB240-103D20TL5
RCXB300-103IN6TL5
RCXB240-103D20TL6
RCXB300-103IN6TL6

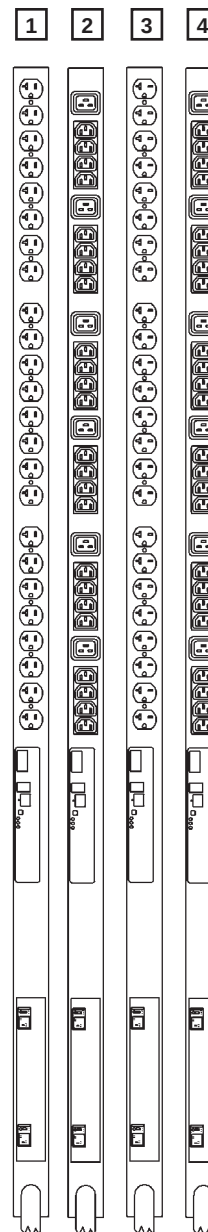
* Detailed monitoring spec
 available on page 90.

- UL® & c-UL® Listed 60950
- FCC Part 15 Class A

LINE DRAWING	1	2	3	4
AMPS	30	30	30	30
VOLTS	120	120	208	208
TOTAL RECEPTACLE QTY	24	30	24	30
RECEPTACLE TYPE / QTY	5-20R / 24	C-13 / 24	6-20R / 24	C-13 / 24
RECEPTACLES PER BREAKER	12	12	12	12
RECEPTACLE TYPE / QTY	N/A	C-19 / 6	N/A	C-19 / 6
RECEPTACLES PER BREAKER	N/A	3	N/A	3
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL GUARD	YES	YES	YES	YES
BREAKER AMPERAGE / QTY	20 / 2	20 / 2	20 / 2	20 / 2
BREAKER POLE CONFIGURATION	SINGLE	SINGLE	DOUBLE	DOUBLE
POWER MONITORING - AMPS, VOLTS, POWER FACTOR, KW HOURS	YES	YES	YES	YES
MONITORING	CIRCUIT / BREAKER	CIRCUIT / BREAKER	CIRCUIT / BREAKER	CIRCUIT / BREAKER
ENVIRONMENTAL MONITORING - REMOTE SENSOR JACKS	2	2	2	2
ETHERNET CONNECTION AND LOCAL DISPLAY (RSD2X8)	YES	YES	YES	YES
10' POWER CORD	1	1	1	1
TWIST-LOCK PLUG	L5-30P	L5-30P	L6-30P	L6-30P
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	YES	YES	YES	YES
DIMENSIONS L (INCHES)	66.25	66.25	66.25	66.25
DIMENSIONS W	2	2	2	2
DIMENSIONS D	2.25	2.25	2.25	2.25

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) 02-15 (Plug Attached)



Basic &
Metered

Monitored

Switched

Satellite

Environmental

Software

Accessories

Brackets

Educational

Resources

8.6kW 30 Amp, 3 Phase

- * Detailed monitoring spec available on page 90.
- UL® & c-UL® Listed 60950
- FCC Part 15 Class A

New
RCXB243-103D20TL21

New
RCXB303-103IN6TL21

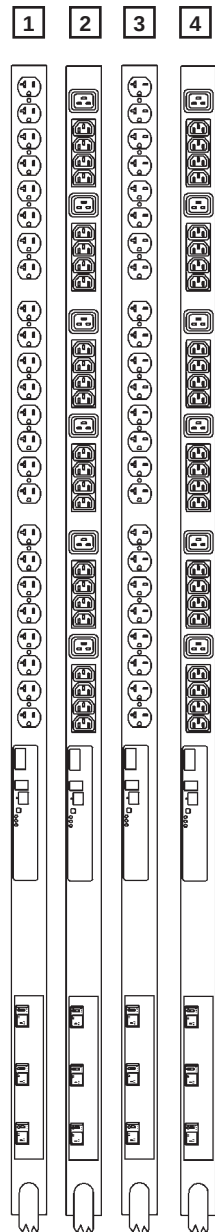
New
RCXB248-103D20TL21

New
RCXB308-103IN6TL21

LINE DRAWING	1	2	3	4
AMPS	30 x 3~	30 x 3~	30 x 3~	30 x 3~
VOLTS	120 / 208 WYE	120 / 208 WYE	120 / 208 WYE	120 / 208 WYE
OUTPUT VOLTAGE FOR 3 PHSE INPUT UNITS	120	120	208	208
TOTAL RECEPTACLE QTY	24	30	24	30
RECEPTACLE TYPE / QTY	5-20R / 24	C-13 / 24	6-20R / 24	C-13 / 24
RECEPTACLES PER BREAKER & PHASE	8	8	N/A	N/A
RECEPTACLES PER BREAKER & PHASE COMBINATION	N/A	N/A	8	8
RECEPTACLE TYPE / QTY	N/A	C-19 / 6	N/A	C-19 / 6
RECEPTACLES PER BREAKER & PHASE	N/A	2	N/A	N/A
RECEPTACLES PER BREAKER & PHASE COMBINATION	N/A	N/A	N/A	2
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL GUARD	YES	YES	YES	YES
BREAKER AMPERAGE / QTY	20 / 3	20 / 3	20 / 3	20 / 3
BREAKER POLE CONFIGURATION	DOUBLE	DOUBLE	DOUBLE	DOUBLE
POWER MONITORING - AMPS, VOLTS, POWER FACTOR, KW HOURS	YES	YES	YES	YES
MONITORING	PHASE / BREAKER (X,Y,Z)	PHASE / BREAKER (X,Y,Z)	CIRCUIT / BREAKER (XY,YZ,ZX)	CIRCUIT / BREAKER (XY,YZ,ZX)
ENVIRONMENTAL MONITORING - REMOTE SENSOR JACKS	2	2	2	2
ETHERNET CONNECTION AND LOCAL DISPLAY (RSD2X8)	YES	YES	YES	YES
10' POWER CORD	1	1	1	1
TWIST-LOCK PLUG	L21-30P	L21-30P	L21-30P	L21-30P
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	YES	YES	YES	YES
DIMENSIONS L (INCHES)	66.25	66.25	66.25	66.25
DIMENSIONS W	2	2	2	2
DIMENSIONS D	2.25	2.25	2.25	2.25

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) 02-15 (Plug Attached)



Notes

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Power Monitoring Plus (RSM)

PATENTED

Power Monitoring Plus combines complete power monitoring with standard environmental monitoring to create the ultimate power monitoring strip. The combination of power and environmental data allows for effective benchmarking of two of the most critical variables in the data center today, power and cooling.

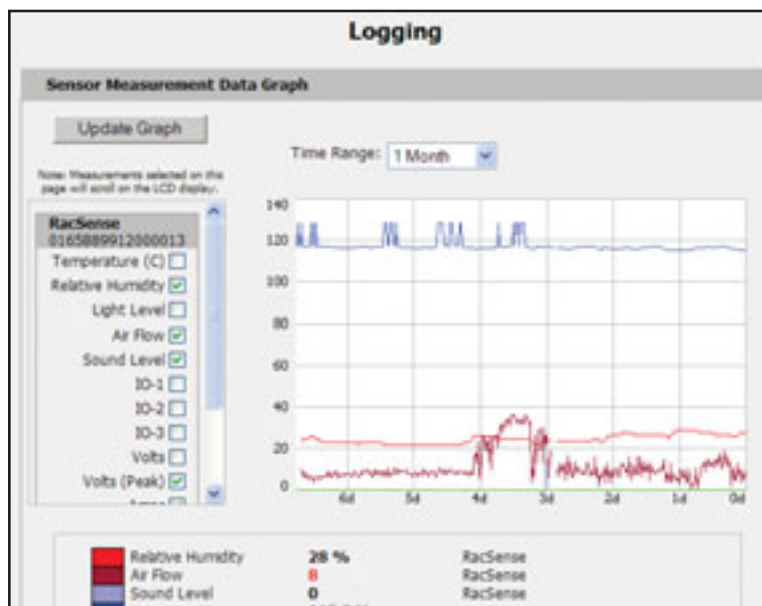
SPECIFICATION:

Internal Power Sensors
Volts RMS: 80-280 VAC
Amps RMS: 0-32A
Ethernet Connection Jack
Power On Indicator
Idle Indicator
Activity Indicator

Software Reset Button
Remote Display (RSD2X8)
Connection Jack
External Sensor Connection Ports
Four RJ12 Jacks
- add up to 16 Remote Sensors
Three I/O Ports
- 0-5 VDC analog or contact closure

Internal Environmental Sensors
Temperature Range: -40F to 254F
Temperature Accuracy: +/- .9F from 50F to 185F
Humidity: 0-100%, +/- 5%
Airflow: 0-99, relative
Sound Level: 0-99, relative
Light Level: 0-99, relative

FEATURE	BENEFIT
Remote power monitoring	Prevent down-time with early notification of power threshold breach
5 On-board environmental sensors	Current status and trend data for temperature, relative humidity, air flow, light and sound
3 I/O sensor ports	Ability to monitor contact closure devices or scale 0-5V signals
4 Remote climate sensor ports	Monitor temperature, air flow, humidity and dew point via connected sensors
Threshold alarms - remote & local	Convenient notification via e-mail, SNMP traps and/or local audible alarm (RSD for audible)
Remote LCD display (RSD)	Easily viewable power & environmental data
Interfaces with IP web cameras	Visual monitoring of cabinet or computer room
Accessible via any web browser	Easy installation & maintenance - No external software



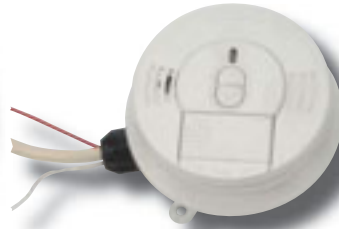
Connectivity Diagram & Compatibility Chart

PATENTED

Optional Remote Sensors - Connect via I/O Port



Door Position Sensor



Smoke Alarm Kit

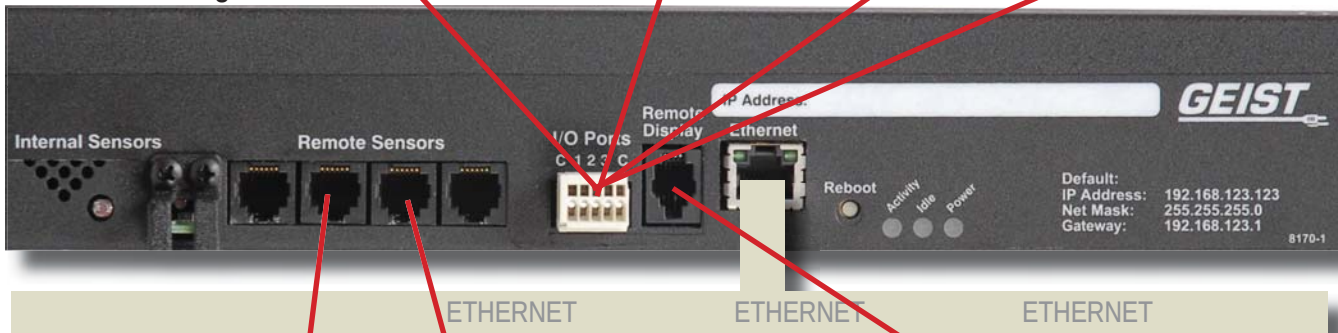


Water Sensor



City Power Monitor

Power Monitoring - Plus



Temperature Sensor



Temperature, Airflow & Humidity Sensor

Optional Remote Sensors Connect via RJ12

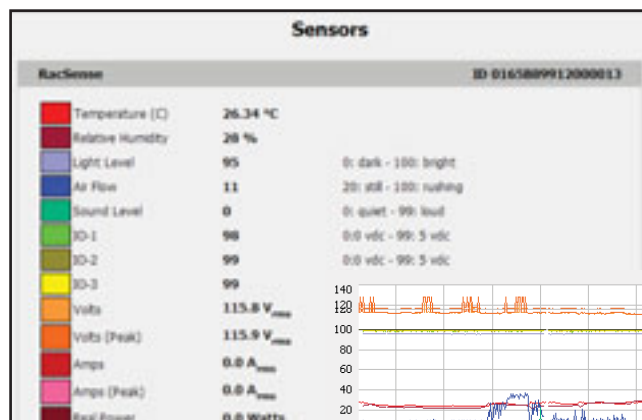
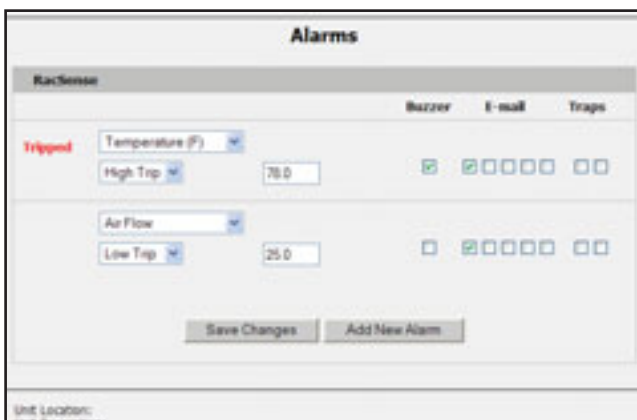


RSD Remote Display

Static IP Address
for set-up and
configuration



DLink® Web Enabled Camera



1.4 - 1.9kW 15 & 20 Amp, 120 Volt

PATENTED

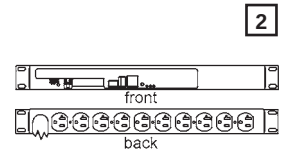
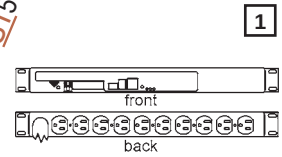
- * Detailed monitoring spec available on page 98.
- UL® & c-UL® Listed 60950
- FCC Part 15 Class A

RSMRN102-101D15ST5

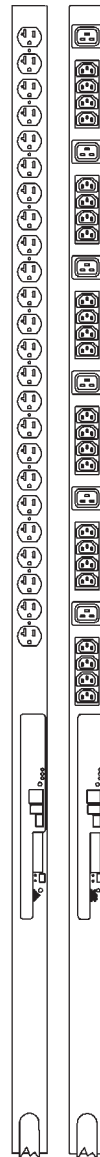
RSMRN102-102D20ST5

RSMBN242-102D20ST5

RSMBN302-102IN6ST5



3 4



LINE DRAWING	1	2	3	4
AMPS	15	20	20	20
VOLTS	120	120	120	120
TOTAL RECEPTACLE QTY	10	10	24	30
RECEPTACLE TYPE / QTY	5-15R / 10	5-20R / 10	5-20R / 24	C-13 / 24
RECEPTACLE TYPE / QTY	N/A	N/A	N/A	C-19 / 6
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO	NO	NO
POWER MONITORING - AMPS, VOLTS, POWER FACTOR	YES	YES	YES	YES
MONITORING	AGGREGATE	AGGREGATE	AGGREGATE	AGGREGATE
ENVIRONMENTAL MONITORING - TEMP, HUMIDITY, AIR FLOW, SOUND, LIGHT	YES	YES	YES	YES
ENVIRONMENTAL MONITORING - REMOTE SENSOR JACKS	4	4	4	4
ETHERNET CONNECTION AND LOCAL DISPLAY (RSD2X8)	YES	YES	YES	YES
10' POWER CORD	1	1	1	1
STRAIGHT-BLADE PLUG	5-15P	5-20P	5-20P	5-20P
TWIST-LOCK PLUG	OPT	OPT	OPT	OPT
ADJUSTABLE HORIZONTAL MOUNTING BRACKETS	YES	YES	N/A	N/A
FULL-LENGTH VERTICAL MOUNTING BRACKET	N/A	N/A	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	N/A	N/A	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L/H (INCHES)	1.72	1.72	66.25	66.25
DIMENSIONS W	17	17	2	2
DIMENSIONS D	4.5	4.5	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) <u>02-15</u> (Plug Attached)	
Plug Type: <u>ST</u> = Straight-Blade / <u>TL</u> = Twist-Lock	

20 Amp, 120 or 208 & 208 Volt, 1.9 - 3.3kW

PATENTED

- * Detailed monitoring spec available on page 98.
- UL® & c-UL® Listed 60950
- FCC Part 15 Class A

RSMRN122-002C13C20

RSMRN102-102D20ST6

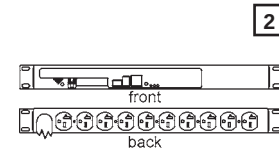
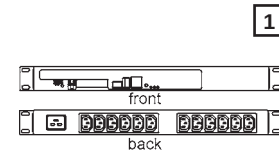
RSMBN242-102D20ST6

RSMBN302-102IN6ST6

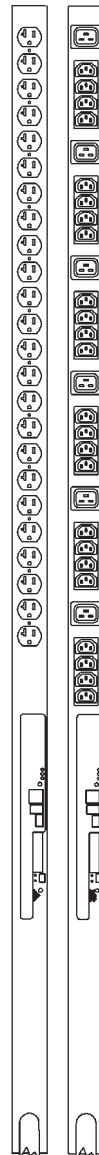
LINE DRAWING	1	2	3	4
AMPS	20	20	20	20
VOLTS	120 or 208	208	208	208
TOTAL RECEPTACLE QTY	12	10	24	30
RECEPTACLE TYPE / QTY	C-13 / 12	6-20R / 10	6-20R / 24	C-13 / 24
RECEPTACLE TYPE / QTY	N/A	N/A	N/A	C-19 / 6
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO	NO	NO
POWER MONITORING - AMPS, VOLTS, POWER FACTOR	YES	YES	YES	YES
MONITORING	AGGREGATE	AGGREGATE	AGGREGATE	AGGREGATE
ENVIRONMENTAL MONITORING - TEMP, HUMIDITY, AIR FLOW, SOUND, LIGHT	YES	YES	YES	YES
ENVIRONMENTAL MONITORING - REMOTE SENSOR JACKS	4	4	4	4
ETHERNET CONNECTION AND LOCAL DISPLAY (RSD2X8)	YES	YES	YES	YES
10' POWER CORD	N/A	1	1	1
IEC POWER INLET (WITH CORD RETAINING CLAMP)	C-20	N/A	N/A	N/A
STRAIGHT-BLADE PLUG	N/A	6-20P	6-20P	6-20P
TWIST-LOCK PLUG	N/A	OPT	OPT	OPT
ADJUSTABLE HORIZONTAL MOUNTING BRACKETS	YES	YES	N/A	N/A
FULL-LENGTH VERTICAL MOUNTING BRACKET	N/A	N/A	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	N/A	N/A	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L/H (INCHES)	1.72	1.72	66.25	66.25
DIMENSIONS W	17	17	2	2
DIMENSIONS D	4.5	4.5	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) <u>02-15</u> (Plug Attached)	
Plug Type: <u>ST</u> = Straight-Blade / <u>TL</u> = Twist-Lock	



3 4



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Resources

2.9 - 5kW 30 Amp, 120 & 208 Volt

PATENTED

- * Detailed monitoring spec available on page 98.
- UL® & c-UL® Listed 60950
- FCC Part 15 Class A

RSMB240-103D20TL5

RSMB300-103IN6TL5

RSMB240-103D20TL6

RSMB300-103IN6TL6

LINE DRAWING	1	2	3	4
AMPS	30	30	30	30
VOLTS	120	120	208	208
TOTAL RECEPTACLE QTY	24	30	24	30
RECEPTACLE TYPE / QTY	5-20R / 24	C-13 / 24	6-20R / 24	C-13 / 24
RECEPTACLES PER BREAKER	12	12	12	12
RECEPTACLE TYPE / QTY	N/A	C-19 / 6	N/A	C-19 / 6
RECEPTACLES PER BREAKER	N/A	3	N/A	3
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL GUARD	YES	YES	YES	YES
BREAKER AMPERAGE / QTY	20 / 2	20 / 2	20 / 2	20 / 2
BREAKER POLE CONFIGURATION	SINGLE	SINGLE	DOUBLE	DOUBLE
POWER MONITORING - AMPS, VOLTS, POWER FACTOR	YES	YES	YES	YES
MONITORING	CIRCUIT / BREAKER	CIRCUIT / BREAKER	CIRCUIT / BREAKER	CIRCUIT / BREAKER
ENVIRONMENTAL MONITORING - TEMP, HUMIDITY, AIR FLOW, SOUND, LIGHT	YES	YES	YES	YES
ENVIRONMENTAL MONITORING - REMOTE SENSOR JACKS	4	4	4	4
ETHERNET CONNECTION AND LOCAL DISPLAY (RSD2X8)	YES	YES	YES	YES
10' POWER CORD	1	1	1	1
TWIST-LOCK PLUG	L5-30P	L5-30P	L6-30P	L6-30P
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES	YES	YES
TOOLLESS MOUNTING HARDWARE - CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	YES	YES	YES	YES
DIMENSIONS L (INCHES)	66.25	66.25	66.25	66.25
DIMENSIONS W	2	2	2	2
DIMENSIONS D	2	2	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)

