DISPLAY

2.165[55.00]

77.056[1957.22]

3.150[80.02]

MOUNTING BUTTON

64.750[1644.65]
61.250[1555.75]
.500[12.70]
61.250[1555.75]
64.750[1644.65]
5.02[127.4]

Technical Specs:

Input Ratings	
Nominal Voltage (VAC)	220-240V/380-415V 3ph
Input Plug / Cord	5100P6
Current Rating	100A
Power Rating (kW)	57.5
Output Ratings	
Nominal Voltage (VAC)	220-240V
Current Rating	240A
Outlet Rating	C13 10A max, C19 16A max
Max Current per Breaker	20A Balanced; 24A Unbalanced
Outlet Combination	
Load Segment	Refer to Simplified Wire Schematic
PDU Total	(8)C13 (24)C19
Branch Circuit Protection	(12) 30A ,5kAIC, Single Pole
Surge Suppression	None

Features:

Local Display	(1) LCD Display, Branch Monitoring, IP Setup, Alarm Notification, Auto-oriented
Branch Monitoring	Current, Voltage, Power,PF per Circuit
Outlet Monitoring	Not Supported
Monitoring Accuracy	+/- 1% True RMS
Ethernet Port	10/100/1000 Mbps RJ45
Remote Monitoring	GUI,SNMP v1-3,RS232,RESTful API, CLI, Power IQ
Remote Control	Not Supported
IP Consolidation	Link 32/48 (with/without electronic locks) PDU's per IP address
USB Ports (2)	Update firmware, Opt'l Temp/Humidity Sensor
Controller Module	Field Replaceable
Auxiliary Port (2)	Optional Front & Rear Door Electronic Locks
Cord Retention	Locking Receptacles
Mounting System	Pre-installed Mounting brackets

Dimensions & Weights:

Width (In[mm])	2.2[55]
Height (In[mm])	77.1[1958.5]
Depth (In[mm])	3.15[80.0]
Weight (lbs[kg])	22[10]
Regulatory Compliance:	NEMKO Listed to UL/IEC 62368-1, CE, RoHS, FCC Part 15 Class A, EN 55022
Regulatory Part Number:	Black: K31-CY699-41U-72A White: K31-CY699-41U-E2A

Environmental Conditions:

Operating Temperature	32 - 149°F (0 - 65°C)
Operating Rel Humidity	5 - 95%
Operating Elevation	0-10000 ft (0-3000 m)
Storage Temperature	-13 - 149F (-25 - 65C)
Storage Rel Humidity	5 - 95%
Storage Elevation	0-50000ft (0-15000m)
Hardware Included:	(2) tool-less pre-installed mounting buttons (1) ground kit cable
Warranty	3 yrs. Standard, 2 add'l yrs. Opt'l
Optional Accessories:	Temp & Humidity Sensor, Electronic locks

DISPLAY DETAIL

1.45[36.9]
AUX 2
AUX 1
CONSOLE 2
RESET BUTTON
1.94[49.2]
POWER LED
DISPLAY
SELECTOR BUTTONS
CONSOLE 1
ETHERNET
USB PORT
SECURE ARRAY IN
SECURE ARRAY OUT

MOUNTING BUTTON DETAIL

.081[2.05]
.066[1.67]
Ø.435[11.05]
Ø.570[14.48]

SIMPLIFIED WIRING SCHEMATIC

From Input Cable:
LINE (typ)   LOAD (typ)

L1 — 1 Pole Breaker CB1 (30A)
L2 — 1 Pole Breaker CB2 (30A)
L3 — 1 Pole Breaker CB3 (30A)
1 Pole Breaker CB4 (30A)
1 Pole Breaker CB5 (30A)
1 Pole Breaker CB6 (30A)

L1 — 1 Pole Breaker CB7 (30A)
L2 — 1 Pole Breaker CB8 (30A)
L3 — 1 Pole Breaker CB9 (30A)
1 Pole Breaker CB10 (30A)
1 Pole Breaker CB11 (30A)
1 Pole Breaker CB12 (30A)

Neutral
Ground

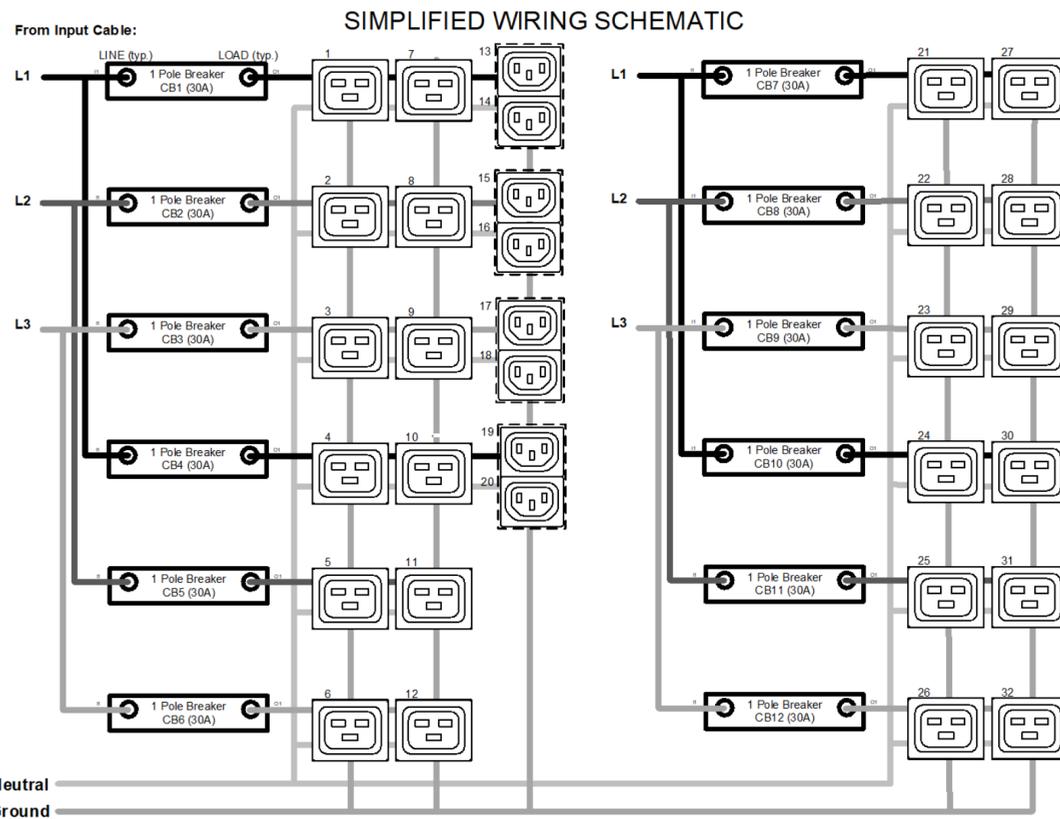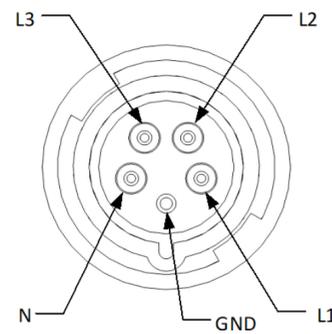## INPUT PLUG DETAIL
IEC60309 6H
100A / 4P5W

L3   L2
N   L1
GND

Notes:
1 All Dimension are in inches [millimeters] unless otherwise specified
2 Installation must conform with all related national and local codes
3 All Bracket kits are sold separately. Toolless mounting buttons are included for installation in CPI cabinets.
4 For more information, please contact Tech Support at techsupport@chatsworth.com
5 Color suffix "-X" may denote "-C" for Black, "-E" for Glacier White, "-CE" for Redundancy Pack

CPI CHATSWORTH PRODUCTS, INC.

eConnect Vertical PDU, Monitored,
IEC 60309 100A 3P+N+E, 10ft (3m),
220-240/380-415V Three Phase Input, 100A,
(8) C13 (24) C19 Outlets, 220-240V Output

THIRD ANGLE

EA-3193-X   ISS

SHEET   1   OF   1