

DESCRIPTION

UNIPOWER's DPACTU Series AC circuit breaker panels provide AC distribution and overload protection for two to eight circuits. They may also be used with other inverters or AC power sources.

The maximum output current capacity from each A or B section is 50A, or a total of 100A from both. Individual circuit breaker capacities may be chosen from 5A to 30A for Option T or 5A to 15A for Option C. Any combination of breakers may be selected as long as the total current capacity of 50A for each section is not exceeded. In the standard dual model (with sections A and B) the two sections are connected in common (parallel). An optional model is available with the A and B sections isolated.

There is a choice of barrier terminal strip input and output connectors (Option T) or NEMA 5-15R output receptacles with Positronics input connectors (Option C).

The panels are only one rack space (1.75 inches) high and come with brackets that permit mounting in either a 19- or 23-inch relay rack. They can be mounted from the front of the rack with offsets every quarter-inch front to back to align with existing rack-mounted equipment.

THREE YEAR WARRANTY

SAFETY CERTIFICATIONS

UL60950-1
 CSA22.2, No. 60950-1
 EN60950-1



DISTRIBUTION PANELS

MODEL	SECTIONS	CAPACITY	NO. BREAKERS
DPACTU-A	A	50A	2-4
DPACTU-A-B	A & B	100A	4-8

See ordering guide to define exact model number to order.

FEATURES

- ◆ One Rack Space High: 1.75"
- ◆ 19- or 23-Inch Rack Mounting
- ◆ Terminal Block or NEMA 5-15R Outputs
- ◆ Voltage: 120VAC or 230VAC Nominal
- ◆ Up to 8 AC Circuits with Breakers
- ◆ Single (A) or Dual (A & B) Sections
- ◆ 50A AC Per Section (100A Total)
- ◆ Common or Isolated A & B Sections
- ◆ A & B Can Be Separately Configured
- ◆ AC Breaker Capacities: 5A to 30A
- ◆ Up to 4 Inverter Inputs
- ◆ Rack Offset Every ¼" from Front to Back

SPECIFICATIONS

Typical at 25°C Unless Otherwise Noted.

INPUT / OUTPUT

Configuration.....Single (A) or Dual (A & B) Sections
 Current Capacity.....50A Per Section, 100A Total
 No. Circuit Breakers.....2 to 4 Per Section, Up to 8 Total
 Breaker Capacity
 Option T.....5A to 30A
 Option C.....5A to 15A
 Voltage.....120VAC/230VAC Nominal

SAFETY STANDARDS.....UL60950-1, CSA22.2 No.60950-1,
EN60950-1

ENVIRONMENTAL

Operating Temp. Range.....0°C to +50°C
 Storage Temp. Range.....-40°C to +85°C
 Humidity.....0% to 95%, Non-Condensing

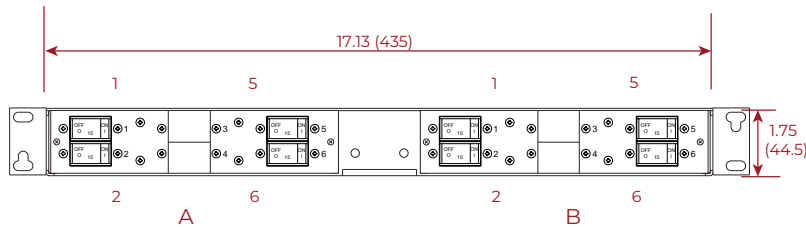
PHYSICAL SPECIFICATIONS

Case Material.....Steel
 Finish.....Powder Coat Gray
 Dimensions, Inches (mm).....1.75 H x 17.13 W x 11.00 D
(44.5 x 435 x 279)
 Weight.....10.25 lbs. (4.65 kg.)
 Rack Mounting Width.....19 or 23 Inches

CONNECTIONS

Input/Output Connections
 Option T.....Barrier Terminal Strips
 Option C.....Positronics/NEMA 5-15R
 Chassis Ground Connection.....No. 8-32 Stud

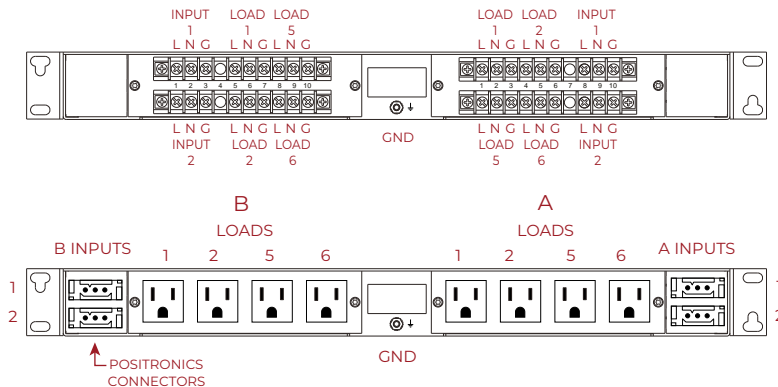
FRONT VIEW



NOTES:

- The sum of all breaker currents on either side (A or B) must not exceed 50A and for both sides must not exceed 100A.
- The maximum current capacity of each of the four inputs is 25A.
- Terminal strip outputs (Option T) can each carry up to 30 amperes; therefore a circuit breaker can be up to 30A. NEMA 5-15R output receptacles (Option C) can each carry up to 15 amperes; therefore a circuit breaker is limited to 15A.
- If section B is not ordered, a blank panel is installed at the factory.
- A clear plastic safety cover over the terminal strips on the rear of the panel of option T is standard and must be kept on the unit when it is operating.

REAR VIEWS



ALL DIMENSIONS IN INCHES (mm).

ORDERING GUIDE

Model: DPACTU -A -B

CODE	OUTPUT CONNECTIONS
T	Terminal Strip
C	NEMA 5-15R (120VAC)

CODE	BREAKERS
H	5A
I	10A
J	15A
K	20A
L	25A
M	30A

CODE	OPTION
2	230VAC
CODE	OPTION
I	Isolated A & B Sections

POSITRONICS CONNECTOR

