

ACU230

Cell Site A/C Power Controller

Automatic Control & Transfer of 2 Air Conditioners on a Remote Cell Site

Description

ACU230 is designed for cell site or power site to keep suitable & accurate room temperature for devices. ACU230 can automatically control & transfer one or two air conditioners by following user's settings* & sensing by an up-to 10 meter long digital temperature sensor cable. When temperature is lower than user's setting, ACU230 shuts down both air conditioners to save power.

Under normal temperature condition, ACU230 can automatically transfer air conditioners by user's time setting in order to extend air conditioner's service life. ACU230 also monitors AC input power status to protect air conditioners from abnormal power source.



*No battery is needed for keeping user's settings, because it is automatically saved into memory, and will remain even when power is off.

Features

- Micro-Processor Based Control System
- Simple Front Panel Operations
- Emergency Manual Override
- Enables Remote Monitoring of All Parameters
- Modularized For Easy Maintenance by
- Saving Labor Cost by Remote Control Capability

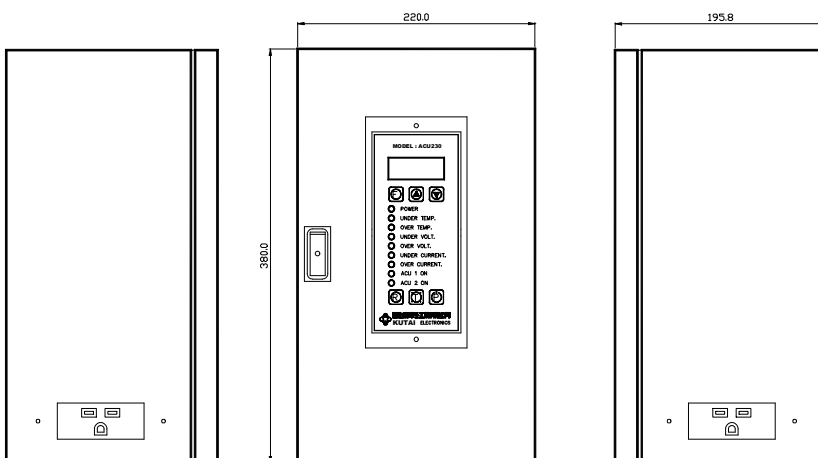
4 Digit 7 Segment LED Display

- Real Time Temperature Display
- Real Time Voltage & Current Display
- Setting Values Display
- Interior Program Settings Display

Specifications

Power Input	Voltage 220 VAC $\pm 15\%$ 50/60 Hz	Under Voltage	Factory Setting 180 VAC	Adjustable 165~210 VAC
Contact Capacity	Max. 32 Amp (Adjustable)	Over Voltage	Factory Setting 250 VAC	Adjustable 230~270 VAC
Temperature Precision	0.25 $^{\circ}\text{C}$	Under Current	Factory Setting 0A	Adjustable 0~10A
Temperature	Factory Setting 23 $^{\circ}\text{C}$ Adjustable 20~30 $^{\circ}\text{C}$	Over Current	Factory Setting 20A	Adjustable 5~50A
Under Temp	Factory Setting 20 $^{\circ}\text{C}$ Adjustable 10~25 $^{\circ}\text{C}$	Change Over Time	Factory Setting 8 Hours	Adjustable 1~168 Hours
Over Temp	Factory Setting 29 $^{\circ}\text{C}$ Adjustable 25~40 $^{\circ}\text{C}$			

Mechanical Specifications (Unit : mm)



Front Panel Buttons

- F** Execute function settings
- ▲** Increase setting value
- ▼** Decrease setting value
- R** Reset to factory settings
- T** LED Test
- P** Power On/Off

Physical Specification

Dimensions	380.0(L) x 220.0(W) x 195.8(H) mm
Weight	8.7 Kg $\pm 2\%$