

# 自動功因控制器 AUTOMATIC POWER FACTOR CONTROLLER



APF-6 6 steps

APF-12 12 steps

## Features

- Capable of auto-control in 6 steps (APF-6) or 12 steps (APF-12)
- Microprocessor control circuit
- Automatic C/K
- Reading display :  $\cos \theta$  (3digits), current (4 digits)
- Field programmable CT ratio
- Automatic switching of frequency 50Hz or 60Hz
- RS-485 interface (option)
- DIN case 144×144mm

## RS-485 Interface

Address : 1 ~ 255

Baudrate : 19200, 9600, 4800, 2400

Protocol : Modbus RTU Mode

## Specifications

Display :	3 digits Red LED 0.56" high --- $\cos \theta$ 4 digits Red LED 0.56" high --- current
Parameter setting :	Touch switches
Memory :	NV RAM
Accuracy :	$\pm 0.5\%$ FS.
Relay contact capacity :	AC 250V, 5A
Power factor setting :	0.7 IND ~ 0.7 CAP
Operation time delay :	0~999 secretary
Operating Temp. :	0~60°C/ Below 90%R.H.
Storage Temp. :	-10~70°C/ Below 80% R.H.
Dielectric Strength :	DIN-IEC688, AC 2.3KV/1min, between terminal. AC 2.8KV/1min, between terminal and case
Isolation Resistance :	DC 500V, 100M $\Omega$ at above terminals
Dimensions :	144(W) × 144(H) × 100(D)mm

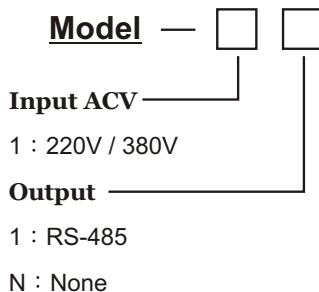
### Current input

Current range :	AC 5A (1A --- option)
Operating limits :	0.1A ~ 5.5A
Burden :	$\leq 0.3VA$ (APF-6), $\leq 0.5VA$ (APF-12)
Overload :	2 x rated continuous 10 x rated 10sec/hour
CT ratio :	1~999 free setting

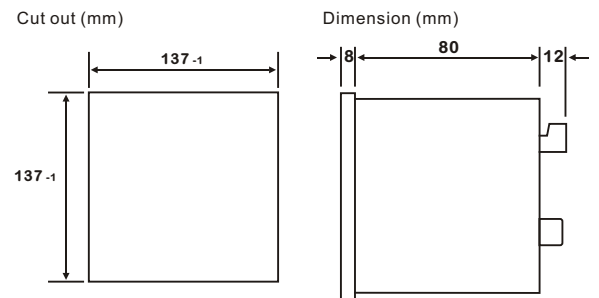
### Voltage input

Voltage :	AC 220V or 380V
Operating limits :	-15% ~ +10%
Burden :	$\leq 10VA$ (APF-6), $\leq 13VA$ (APF-12)

## Order Code

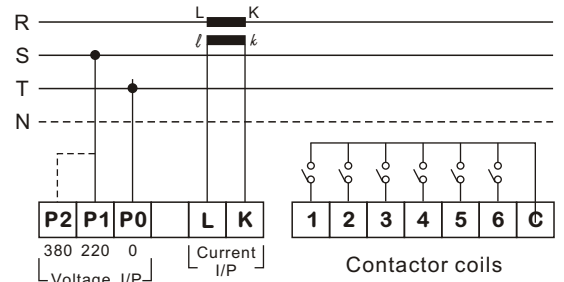


## Dimensions (mm)



## Connection Diagram

Model : APF-6



Model : APF-12

