

自動功因控制器 AUTOMATIC POWER FACTOR CONTROLLER



APF-6 6 steps

APF-12 12 steps

Specifications

Display : 3 digits Red LED 0.56" high --- cos θ
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 Ω at above terminals

Dimensions : 144(W) \times 144(H) \times 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

Model —

Input ACV —

1 : 220V / 380V

Y : Option

Output —

1 : RS-485

N : None

Features

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

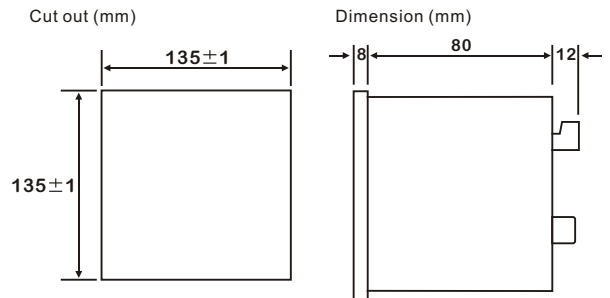
RS-485 Interface

Address : 1 ~ 255

Baudrate : 19200, 9600, 4800, 2400

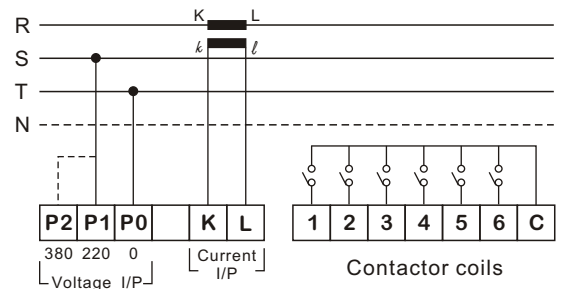
Protocol : Modbus RTU Mode

Dimensions (mm)



Connection Diagram

Model : APF-6



Model : APF-12

