



KCP-12 Series

Digital Auto Power Factor Controller

- For Balanced Three Phase



Ordering Information

KCP - 06 C
 ① ②

① Digital Output	06	6 Point
	12	12 Point
② Communication	C	RS-485 Modbus
	N	None

Specifications

Display	Type	FND, Red color
	Number of Line	4DigitsX3Lines
	Height of Character	14mm
Communication	RS-485 Modbus RTU	2wire, 0~255 Address 9600dps
Environmental Condition	Operating Temperature	0°C~55°C (32°F~131°F)
	Storage Temperature	-20°C~85°C (-4°F~185°F)
	Relative Humidity	≤ 80%
	Ingress Protection Rating	IP54(front),IP20(case)
Weight(g)		630g (approximately)

Inputs

Auxiliary Supply	AC 90~260V(50 or 60Hz), DC110V
Voltage(Direct or Secondary)	Line to Line Voltage(S-T) Max. 500V
Current (Direct or Secondary)	Current R Max. 5A
Voltage Ratio	22.9kV/110V
Current Ratio	Max. 6000A/5A

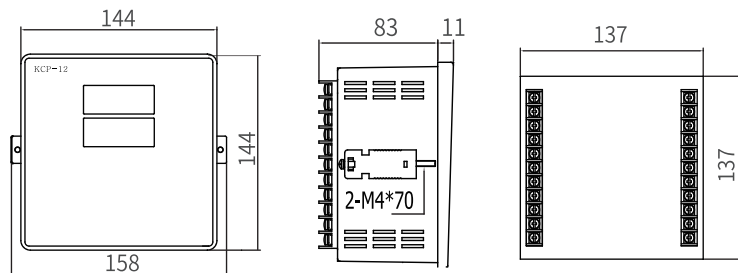
Measurement & Accuracy

Current	≤0.5% of reading + 2digit
Voltage	≤0.5% of reading + 2digit
Active Power	≤0.5% of reading + 2digit
Reactive Power	≤1.5% of reading + 2digit
Power Factor	≤3.0% of reading + 2digit
Minimum Measureable	100mA at AC 110V

Connections

Circuit	One Phase 1Wire,
CT, PT, Aux Terminal	M4 Bolt
RS-485,I/O Terminal	Solid:0.2~4.0 mm ² (30~12AWG) Stranded:0.2~2.5mm ² (30~12AWG)

Dimension



Connection Diagram

