

FU9000

Three Phase Current And Voltage Display Meter

FU9000 series three phase current and voltage display meter has replaced the traditional digital meters. This product has the function of traditional products, also has programmable functions, DC4-20mA analog output, RS485 communication interface port and the switching power output functions. This product has high accuracy, excellent EMC and good appearance and so on.



Parameters

Name	Measurement type
Programmable	PT, CT ratio, address, baud rate and other parameters.
Accuracy	0.5 class
Display figures	4 bits
Rated input	Current: 1A, 5A Voltage: 100V, 220V, 380V
Over range	Current: 1.2 times continuous, 10 times/10s ; Voltage: 2 times continuous
Frequency	50±5Hz or 60±10Hz (Option)
Power supply	AC220V ± 20% or DC100-300V (Customization)
Power consumption	<3VA
Insulation strength	2KV/Min. 2mA
Insulation resistance	≥100MΩ
MTBF	≥50000Hrs
Working environment	Temperature: -25 to +55°C Humidity: ≤98% RH, without condensation
Real-time output	DC4-20mA, load capacity: ≤400Ω
Data output	RS485 port (Modbus-RTU protocol)
Switching input	Remote signal input (self power supply): AC or DC 220V
Switching output (self-control)	Normally open contact output: AC 250V / DC 30V, 5A

Model Description

FU9 - Dimension - Product code - Function code - Display

Dimension code	0: 48 x 48 x 100mm
	1: 72 x 72 x 73mm
	2: 120 x 120 x 81mm
	3: 96 x 96 x 98mm
Product code	0: Three AC current
	1: Three AC voltage
	2: Three AC current and voltage combined
Function code	0: Display only
	1: RS485
	2: 1DO
	3: 1AO
	4: 1DO + RS485
	5: 1AO + RS485
	6: 1DO + 1AO
	7: 1DO + 1AO + RS485
	8: 2DO + 1AO
	9: 2DO + RS485
	A: 1DI + 1DO + RS485
	B: 2DI + 2DO + RS485
Display	(Nothing): LED
	Y: LCD

Remark:

- 1) FU9000 series products have no button, without output.
- 2) Power terminal blocks numbered 15, 16 for LCD products.