FU8000

Single Phase Current And Voltage Display Meter

FU8000 series single phase current and voltage display meter has replaced the traditional digital meter products. This product has the function of traditional products, also has programmable functions, such as DC4-20mA analog output, RS-485 communication interface port and the switching power output function. It has high accuracy, excellent EMC and good appearance and so on.

Features

1. It has programmable function
2. DC4-20mA analog output
3. High accuracy, excellent EMC and good appearance
4. RS-485 communication interface port

Parameters

Name	Measurement type
Programmable	PT, CT ratio, address, baud rate and other parameters.
Accuracy	0.5 class, frequency 0.2 class
Display figures	4 bits (4½ bits for DC)
Rated input	Current: 1A,5A; Voltage: 100V, 220V, 380V;
	Temperature: PT100,J,K,T,E thermocouple.
Over range	Current: 1.2 times continuous, 10 times/10s ;
	Voltage: 2 times continuous
Frequency	50Hz / 60Hz ±10%
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

Name	Measurement type
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

FU8 - Dimension code- Product code - Function code - Display	
Dimension code	0: 48 x 48 x 100mm
	2: 120 x 120 x 81mm
	3: 96 x 96 x 98mm
	4: 96 x 48 x 112mm
Product code	0: Single phase AC current
	1: Single phase AC voltage
	2: One route DC current
	3: One route DC voltage
	4: Frequency
	5: Single phase power factor
	6: Temperature
	8: All of the electric parameters
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