Integ R Series

The Power Reader

Smart Meter RMM/RMK

RMM-MA / RMK-MA / RMM-5A / RMK-5A

Precision
- High current measurement

Intelligence
- Compatible with RS485/Wifi/LAN

Convenience
- OLED display for easy setup and management

Security
- Accurate export limitation and control

Smart Meter RMM/RMK

Model	RMM-MA	RMK-MA	RMM-5A	RMK-5A
Signal and Power Input				
Rated Voltage	3L/N/PE 230/400V			
Voltage Input Impedance	>1MΩ			
Rated Current	≤100mA		≤5A	
Sampling Current Overload	Continue: 1.2 times; instantaneous: 2times / 10s			
Rated Frequency	50/60 Hz			
Accuracy				
Current/Voltage	0.50%			
Frequency	±0.01Hz			
Active Power	Class 0.5S			
Reactive Power	Class 0.5S			
Energy	Class 0.5S			
General Data				
Dielectric Strength	Resistance from signal, power supply and output terminal to shell >100MΩ			
Withstand Voltage	Input and power supply >1.5kV			
Communication	Modbus RTU (RS485)	Modbus RTU (RS485) WiFi/LAN	Modbus RTU (RS485)	Modbus RTU (RS485) WiFi/LAN
Voltage Power Consumption	<5VA	<7.5VA	<5VA	<7.5VA
Display	OLED			
Terminal Capacity	0.5~4mm^2			
Size (L*W*H)	85x54x75mm			
Weight	220g			
Protection Class	IP20 (For Indoor Use)			
Installation Method	35mm DIN Rail			
Operating Temperature	-30℃~+60℃			
Operating Humidity	<95%, No Condensation			
Operating Altitude	<3000m			
Grid type and rated voltage	Three-phase (With 3CT) Delta (Three-phase four-wire): 380/400V/415V(L-L), 208/220/240V(L-L) Wye (Three-phase three-wire): 380/400V/415V(L-L), 208/220/240V(L-L) Split-phase (With 2CT) Split (Two-phase three-wire): 220/230/240V(L-L) Single-phase (With 1CT) 110/120/127/(L-N) 220/230/240V(L-N)			

RMM-MA/RMK-MA are available in single-phase and three-phase versions. Please confirm before placing your order.

* RMM-MA/RMK-MA will be delivered with matched CT(s). CT model:120AΦ16,200AΦ24,300AΦ35(optional);

** RMM-5A/RMK-5A is not delivered with CT. CT requirements:secondary side output of 5A, CT accuracy of 0.5 and max.CT conversion ratio of 5000:5;

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