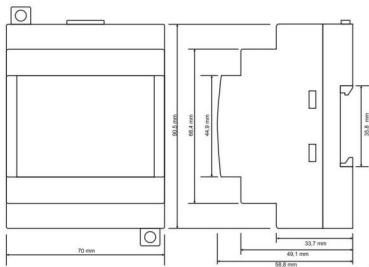# DIN-M
USER MANUAL

1. Overview

DIN series guideway measuring instrument is a new generation intelligent instrument, which is mainly used for real-time measurement and display of voltage, current and frequency and power in electric circuit. It can be widely used in various intelligent distribution systems, such as power monitoring, industrial automation, switch cabinet and so on.
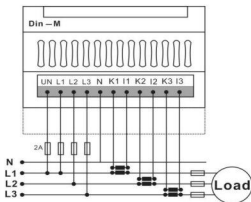
2. Performance and parameters

Technical parameter			Index
Input	Measurement network		Three phase
	Power supply		DIN-M (150-270VAC UN and N port)
	Nominal input (range)	AC VOLTAGE	L1.0-430V(phase voltage) L2.0-430V(phase voltage) L3.0-430V(phase voltage)
		AC CURRENT	0.01-5A (can set ratio 0.01-999KA) CT/5
		AC FREQUENCY	40HZ-70HZ
		AC ACTIVE POWER	20W-999KW
Output	Degree of accuracy		Voltage, current 0.5, frequency 0.1
	Data update		About 3 times / second
	Display mode		3 bit digital tube LED display,Minimum display after One decimal point (0.01)
	Consumption		<1VA
	electromagnetic compatibility	Electrostatic discharge immunity	4 level (GB/T17626.2)
		Anti disturbance of electric fast transient pulse group	2 level (GB/T17626.4)
		Surge resistance	4 level (GB/T17626.5)
	Safety characteristics	Insulation strength	Between input and auxiliary power supply AC2.5kV、1min
		insulation resistance	>100MΩ
		Shell material	Flame-retardant plastics
	Environmental	temperature	Work: -25 ~ 55 C, storage: -25 ~ 50 C
		humidity	≤93%RH. Non-condensation, non corrosive gas
		altitude	≤2500m
	Installation method		DIN-RAIL

3. Drawing

4. Connection mode

Power supply port be "UN" and "N"

Note: wiring must be strictly in accordance with wiring diagram to avoid product damage

or even safety accidents due to line problems.

5. Program

6. description of the switch

Push "+" "-" to switch the display of voltage, power and frequency.

"set" to enter the program and exit the program

Push "set" 3 second enter the program, then use set to switch the Decimal point,

and "+" "-" to increase and decrease the value CT/5;if 50/5A set the value to 10,

Then push "set" 3 second to save the data.