



หน้าจออ่านง่าย บันทึกข้อมูลได้



Technical Parameters

Network : 1 Phase, 3 Phase 3 wire, 3 Phase 4 wires
Display Mode : LED
Power Supply : AC/DC 80-270V
Power Consumption : <5VA
Real Time Measurement : Three Phase Voltage, Three Phase Current
Power, Frequency, Power Factor,
Electric Energy

Signal Input(Voltage)

Measurement Range : 100VAC, 220VAC, 380VAC, 500VAC
Overload Continued : Continuous 1.2 Times; Instantaneous 2 Times
Power Consumption : <1VA

Signal Input(Current)

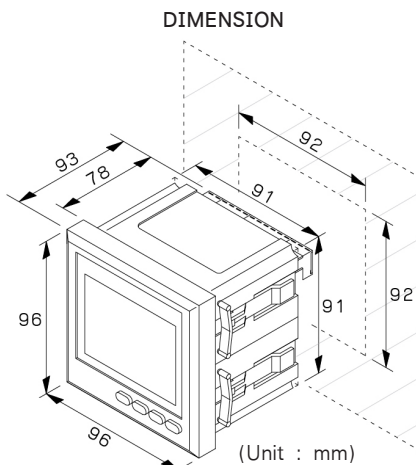
Measurement Range : AC 5A
Overload Continued : Continuous 1.2 Times; Instantaneous 2 Times
Power Consumption : <1VA

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Accuracy Class : Energy 0.5S:f
Frequency +/-0.1Hz
Active Power 0.5S
Reactive Power 1S
Communication : RS 485 Communication port, physical
layer isolation According international
standard MODBUS-RTU agreement
Power Pulse : Dry power opticalcoupler collector output
Environment : Operation: -10 to 55°C
Storage: -20 to 70°C
Relative Humidity: <80%RH
Security : Isolation: Signal, Power source,
Output Terminal Crust Resistance >5MΩ
Withstand: Signal Input,
Power source, Between Output Crust
resistant > AC2kV



HL-S96-5 MF

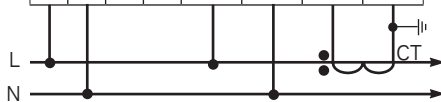


Diagrams

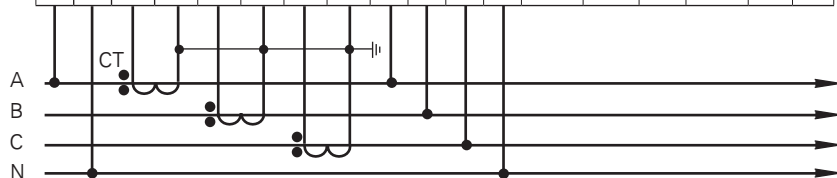


HL-S96-5 3MF

Power	RS485	Voltage signal input	Current signal input
L N A B	Uh(+) U(-)	I*(+) I(-)	
1 2 58 59	11 14	4 5	



Power	Current signal input	Voltage signal input	Reactive Power Pulse	Active Power Pulse	RS-485
L N	Ia* Ia Ib Ic*	Ic	Eq+ Eq-	Ep+ Ep-	A B
1 2	4 5 6 7 8 9	11 12 13 14	49 50	47 48	58 59



All Parameter Measuring Functions

- Phase-Null Voltage(VL-N)
- Phase-Phase Voltage(VL-L)
- Phase Current(A)
- Active Power(w)
- Reactive Power(var)
- Apparent Power(VA)
- Power Factor(PF.)
- Active Electric Energy(Wh)
- Reactive Electric Energy(varh)
- Frequency(Hz)

HL-S96 Series Single-phase & three phase Watt-hour meter with all Parameter

รุ่น (Model)	Measuring Function				
	All Parameter	Active Electric Energy(Wh)	Reactive Electric Energy(varh)	RS-485 Communication	2 Power Pulse output
HL-S96-5 MF	✓	✓	✓	✓	-
HL-S96-5 3MF	✓	✓	✓	✓	✓

