



96 x 96mm

Features:

- 4 Digit, 7 segment LED Display
- True RMS Measurement
- For 3Ø-4 wire , 3Ø- 3 wire, 1Ø- 2 wire Electrical Network
- K LED for kilo indication

Certifications: **CE**

Display Specifications

Type of Display	7 segment LED Display
Digit	4
Display Height	0,56" (14.2 mm)

Input Specifications

Electrical Connection	3Ø- 4 wire, 3Ø- 3 wire, 1Ø- 2 wire
Input Type	AC
Input Current Range	50mA - 6A
Continuous Max. Input Rating	6.2A
Overrange Indication	"Or" for input > 6.2A
Resolution	Auto Resolution (Depend upon CT ratio)
Accuracy	±0.5% of F.S
Display Update Time	1 Sec

Settable Parameters

CT Primary	1 - 999,0kA
CT Secondary	1 or 5A

Auxiliary Supply Specifications

Auxiliary Supply	230V AC (±20%), 50/60 Hz
Power Consumption	<5 VA max.

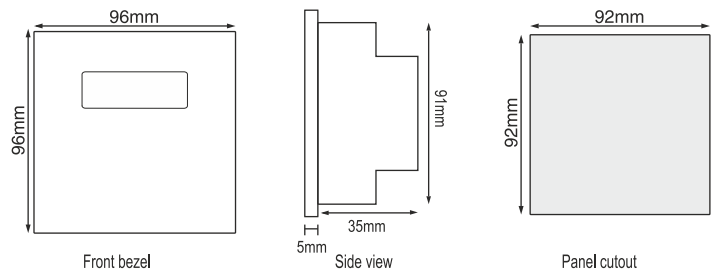
Environmental Specifications

Temperature	Operating: 0°C to 50°C Storage: -25°C to 70°C
Humidity (non-condensing)	0-90% (non-condensing)

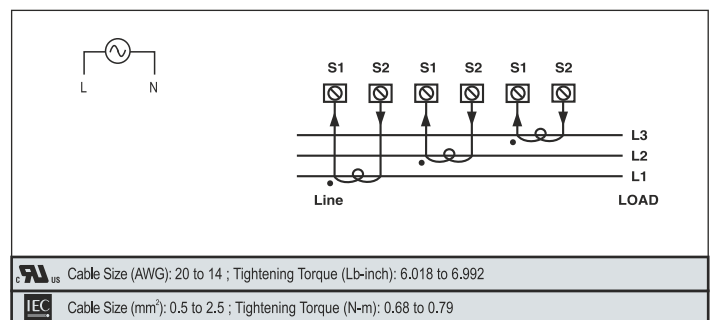
Mechanical Specifications

Mounting	Panel mount
Weight	200 gms

Dimensions



Terminal Connections



Ordering Information

Order Code	Supply Voltage	Certification
	230V AC	
MA335-230V AC	■	CE
MA335-230V AC-CE	■	CE

Compliance

Applicable EMI / EMC Standards		
Product Standard : IEC 61326-1		
Category		Standards Compliance
ESD Immunity	IEC 61000-4-2	Level IV (Air discharge : 15kV), (Contact Discharge : -8kV)
Surge Immunity	IEC 61000-4-5	+/- 2kV common mode, (Line to ground) +/- 1kV differential mode, (Line to Line)
Radiated Susceptibility	IEC 61000-4-3	Level III, 80 to 1000MHz (10V/m) Level II, 1.4GHz to 2GHz (3V/m) Level I, 2GHz to 2.7GHz (1V/m)
Conducted Susceptibility	IEC 61000-4-6	Level II (3V/m)
Voltage Dips and Interruptions	IEC 61000-4-11	Dips : 0% residual voltage / 1 cycle (Criteria B), 40% residual voltage / 10 cycles 50Hz / 12 cycles 60Hz (Criteria C) 70% residual voltage / 25 cycles 50Hz / 30 cycles 60Hz (Criteria C) Interruptions : 0% residual voltage / 250 cycles 50Hz / 300 cycles 60Hz (Criteria C)
Conducted Emission	CISPR-11	
Radiated Emission	CISPR-11	
Electrical Fast Transient	IEC 61000-4-4	Level III (2kV)

selec**MA335**

Operating Instructions



96 x 96mm

SPECIFICATIONS

Description	: 3 Ø Digital ammeter
Display	: 4 Digit 7 segment LED Display
Wiring input	: 3 Ø 4 W, 3 Ø 3 W, 1 Ø 2 W
Rated input current	: 50mA to 6A
Max continuous input range	: 6.2A
Over range indication	: "Or" for input > 6.2A
CT Primary	: 1-999.0kA
CT Secondary	: 1 or 5
Resolution	: Auto resolution depend upon CT ratio
Accuracy	: ±0.5% of full Range
Measuring Method	: True RMS
Display Update Time	: 1sec.
Power Consumption	: Less than 5VA
Supply Voltage	: 230V AC(±20%), 50/60Hz

Weight	: 200gms
Mounting	: Panel mounting
Environmental Conditions	
Operating Temperature	: 0°C to 50°C
Operating Storage	: -25°C to 70°C
Relative Humidity	: 0-90% (non-condensing)
Pollution degree	: II

SAFETY PRECAUTIONS

All safety related codifications, symbols and instructions that appear in this operating manual or on the equipment must be strictly followed to ensure the safety of the operating personnel as well as the instrument.

If the equipment is not used in a manner specified by the manufacturer it might impair the protection provided by the equipment.

- Do not use the equipment if there is any mechanical damage.
- Ensure that the equipment is supplied with correct voltage.

⚠ CAUTION :

1. Read complete instructions prior to installation and operation of the unit.
2. Risk of electric shock.
3. The equipment in its installed state must not come in close proximity to any heating sources, caustic vapors, oils, steam, or other unwanted process by products.

TERMINAL CONNECTIONS**AUTO MANUAL DESCRIPTION**

Press **▷** key for 3sec. to switch in auto and manual mode.

CONFIGURATION

- Use \triangleright + Δ key to enter & exit from configuration menu, for 3 sec.
- Use Δ key to go to next parameter.
- Use \triangleright key to edit the parameter & press same key for 2 sec. to save parameter.
- Use Δ key to increment parameter value.
- To set the value of CT primary in kA, First edit the value and then press Δ key for 3 sec., Display will shift to kA with resolution 000.0kA & this process is same, to set the value of CT primary in A.

Config. page.	Function	Range or Selection	Factory Setting
1	Network Selection	3Ø4W, 3Ø3W, 1Ø2W-R, 1Ø2W-Y, 1Ø2W-B	3P4W
2	CT Primary	1-999.0kA	5
3	CT Secondary	1 or 5	5

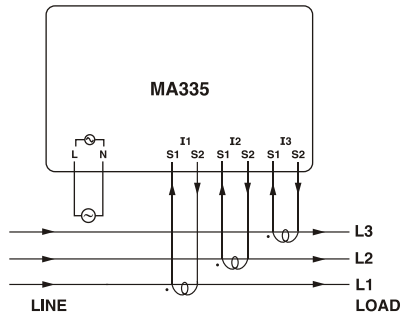
ONLINE PAGE DESCRIPTION

	KEY PRESS	DESCRIPTION
Press Key (\triangleright)	—	Displays 1 st phases Current
	1 st time	Displays 2 nd phases Current
	2 nd time	Displays 3 rd phases Current
	3 rd time	Displays average current of three phases.

SERIAL NUMBER DESCRIPTION

Press Δ key for 10sec. to display 8 digit serial number for 3sec. in two windows

WIRING DIAGRAM



(Specifications subject to change as development is a continuous process.)

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