

# FICHA DEL PRODUCTO

ITEM:

CÓDIGO:

IMAGEN:

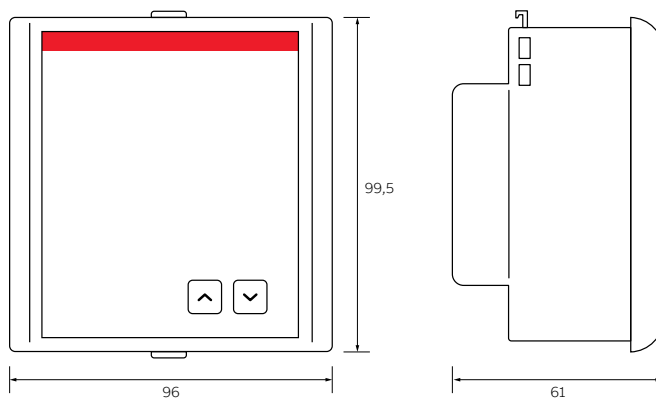


DESCRIPCIÓN  
APLICACIÓN:

Medidor basico de montaje en panel  
Mide: Voltaje / Corriente / Frecuencia  
Configuración: 3P+N  
Incluye horometro  
Proteccion IP51 desde el frente.  
Dimensiones: 96x96x58mm

#### Dimensiones

todas las medidas en mm



# M1M 10

## Technical features

|                            |                                     | M1M 10                | M1M 12   |
|----------------------------|-------------------------------------|-----------------------|--|
| Auxiliary power supply     | Auxiliary Power Supply range        | 80V to 300 V AC or DC |  |
|                            | Frequency                           | Hz                    | 50 - 60  |
|                            | Burden                              |                       | 5VA Max  |
|                            | Installation category               |                       | CAT III  |
|                            | Protection fuse                     |                       | 200mA  |
| Measurement accuracy       | Voltage                             |                       | ±1,0%  |
|                            | Current                             |                       | ±1,0%  |
|                            | Active Power (M1M 12)               |                       | ±1,0%  |
|                            | Active Energy (M1M 12)              |                       | ±1,0%  |
| Voltage measurement inputs | Measurement range                   | [V]                   | 40-300V AC (p-n)                                 |
|                            | Measurement category                |                       | CAT III  |
|                            | Rated frequency                     | [Hz]                  | 50 - 60Hz  |
|                            | Max. VT Primary                     | [V]                   | 999 Kv   |
|                            | Burden                              | [VA]                  | 0.2VA Max. per phase                             |
| Current measurement inputs | CT secondary                        |                       | 1A or 5A   |
|                            | Measurement range                   |                       | 50mA - 6A <sup>1</sup>                           |
|                            | Max. CT Primary                     | [A]                   | 99 kA.   |
|                            | Burden                              | [VA]                  | 0.2VA Max. per phase                             |
| User Interface             | Access to device                    |                       | 2 pushbuttons                                    |
|                            | Display type                        |                       | LED display                                      |
|                            | LED Digit height                    | [mm]                  | 10   |
| Mechanical characteristics | Overall dimensions                  | [mm]                  | 96 x 96 x 58 (52mm depth inside the switchboard) |
|                            | IP degree of protection (IEC 60529) |                       | IP51   |
|                            | Weight                              | [kg]                  | 0,300  |
| Climatic conditions        | Operating temperature               |                       | -10°C to +60°C <sup>2</sup>                      |
|                            | Storage temperature                 |                       | -25°C to +70°C                                   |
|                            | Relative humidity                   |                       | 5% to 95% non condensing                         |
|                            | Pollution degree                    |                       | 2  |
|                            | Altitude                            |                       | Below 2000ms                                     |
| Standards                  | Electrical safety                   |                       | IEC 61010-1                                      |
|                            | EMC                                 |                       | IEC 61000 4-2,4-3,4-6,4-8,4-4,4-11; CISPR-22     |

<sup>1</sup> Below 250mA, additional error of 0.1% of full scale.

<sup>2</sup> Below 10°C, mean temperature coefficient is 0.15%/K