# Circutor

# EC72 500mA

EC72 500mA, Miliammeter

Code: M10127.    DESCATALOGADO

> Scale: 90°, P2
> Accuracy: 1,5
> Measurement Range (A): 0,5
> Modules: 72x72

## Description

○ No auxiliary power needed, only type CEC 96.

○ DIN boxes, sizes 48, 72, 96 and 144.

○ Accuracy class 1.5

○ True root mean square value of 100 mA... 100 A

○ Interchangeable scales for EC 48, EC 72, EC 96, EM 45, EC 72 FA, EC 96 FA

○ Fully adjustable alarm system for CEC 96

## Application

Alternating current applications to quickly and visually monitor the status of the current.

## EC72 500mA

Moving-iron ammeters (AC)

Code: M10127.

## Specifications

### Mechanical characteristics

| | |
|---|---|
| Size (mm) width x height x depth | 72 x 72 x 49.2 (mm) |
| Fastening | Panel |
| Weight (kg) | 0,116 |

### Environmental characteristics

| | |
|---|---|
| Protection class | Panel: IP 52 (Front), IP 00 (Terminals) |
| Storage temperature | -25...+40 °C |
| Working temperature | +10 ... +30 °C |

### Standards

| | |
|---|---|
| Certifications | CE |
| Electrical safety, Maximum height (m) | 2000 |
| Standards | BS 89, UNE-EN 60051, IEC 144, DIN 43780, IEC 51, UNE 21318 |

### Current measurement circuit

| | |
|---|---|
| Consumption | 0,3 ... 1,5 VA |
| Sampling frequency | 20...100 Hz |
| Allowable overload | 1,2 In permanent / 5 In during 30s / 10 In during 5s / 40 In during 1s |

### Electrical characteristics

| | |
|---|---|
| Insulation voltage, circuit | 2 KV, 50 HZ <1 min entre mecanismo y caja |

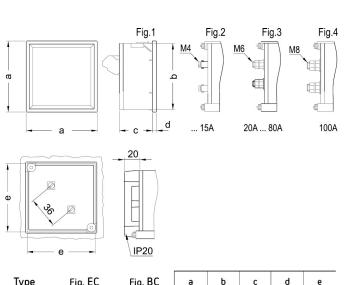### Measurement accuracy

| | |
|---|---|
| Accuracy | 1,5 % FE |

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Moving-iron ammeters (AC)

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## Dimensions

Fig.1  Fig.2  Fig.3  Fig.4

M4  M6  M8

... 15A  20A ... 80A  100A

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IP20

| Type | Fig. EC | Fig. BC | a | b | c | d | e |
|------|---------|---------|-----|------|------|-----|-----|
| 48 | 1-3 | 1-3 | 48 | 44,7 | 61 | 5,2 | 45 |
| 72 | 1-3-4 | 2-3-4 | 72 | 67,2 | 43,5 | 5,7 | 68 |
| 96 | 1-3-4 | 2-3-4 | 96 | 91 | 43,5 | 5,7 | 92 |
| 144 | 2-3-4 | 2-3-4 | 144 | 137 | 64,5 | 7,3 | 138 |

## Connections

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