



EC72 250mA

EC72 250mA, Milliammeter

Code: M10124.

- > Scale: 90°, P2
- > Accuracy: 1,5
- > Measurement Range (A): 0,25
- > 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 250mA

Moving-iron ammeters (AC)

Code: M10124.

Specifications

Mechanical characteristics

| | |
|----------------------------------|---------------------|
| Size (mm) width x height x depth | 72 x 72 x 49.2 (mm) |
| Weight (kg) | 0,1 |

Environmental characteristics

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

Standards

| | |
|---------------------------------------|--|
| Certifications | CE, UL |
| Electrical safety, Maximum height (m) | 2000 |
| Standards | BS 89, UNE-EN 60051, IEC 144, UL94, 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 |
|----------|----------|

EC-mA

Moving Iron Milliammeters

| CODE | TYPE | Scale | Accuracy | Measurement Range (A) | Modules |
|---------|------------|---------|----------|-----------------------|---------|
| M10111. | EC48 100mA | 90°, P2 | 1,5 | 0,1 | 48x48 |
| M10112. | EC48 150mA | 90°, P2 | 1,5 | 0,15 | 48x48 |
| M10114. | EC48 250mA | 90°, P2 | 1,5 | 0,25 | 48x48 |
| M10115. | EC48 300mA | 90°, P2 | 1,5 | 0,3 | 48x48 |
| M10116. | EC48 400mA | 90°, P2 | 1,5 | 0,4 | 48x48 |
| M10117. | EC48 500mA | 90°, P2 | 1,5 | 0,5 | 48x48 |
| M10118. | EC48 600mA | 90°, P2 | 1,5 | 0,6 | 48x48 |
| M10121. | EC72 100mA | 90°, P2 | 1,5 | 0,1 | 72x72 |
| M10122. | EC72 150mA | 90°, P2 | 1,5 | 0,15 | 72x72 |



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|---------|-------------|---------|----------|-----------------------|---------|
| M10124. | EC72 250mA | 90°, P2 | 1,5 | 0,25 | 72x72 |
| M10125. | EC72 300mA | 90°, P2 | 1,5 | 0,3 | 72x72 |
| M10126. | EC72 400mA | 90°, P2 | 1,5 | 0,4 | 72x72 |
| M10127. | EC72 500mA | 90°, P2 | 1,5 | 0,5 | 72x72 |
| M10128. | EC72 600mA | 90°, P2 | 1,5 | 0,6 | 72x72 |
| M10131. | EC96 100mA | 90°, P2 | 1,5 | 0,1 | 96x96 |
| M10132. | EC96 150mA | 90°, P2 | 1,5 | 0,15 | 96x96 |
| M10134. | EC96 250mA | 90°, P2 | 1,5 | 0,25 | 96x96 |
| M10135. | EC96 300mA | 90°, P2 | 1,5 | 0,3 | 96x96 |
| M10136. | EC96 400mA | 90°, P2 | 1,5 | 0,4 | 96x96 |
| M10137. | EC96 500mA | 90°, P2 | 1,5 | 0,5 | 96x96 |
| M10138. | EC96 600mA | 90°, P2 | 1,5 | 0,6 | 96x96 |
| M10141. | EC144 100mA | 90°, P2 | 1,5 | 0,1 | 144x144 |
| M10142. | EC144 150mA | 90°, P2 | 1,5 | 0,15 | 144x144 |
| M10144. | EC144 250mA | 90°, P2 | 1,5 | 0,25 | 144x144 |
| M10145. | EC144 300mA | 90°, P2 | 1,5 | 0,3 | 144x144 |
| M10146. | EC144 400mA | 90°, P2 | 1,5 | 0,4 | 144x144 |
| M10147. | EC144 500mA | 90°, P2 | 1,5 | 0,5 | 144x144 |
| M10148. | EC144 600mA | 90°, P2 | 1,5 | 0,6 | 144x144 |

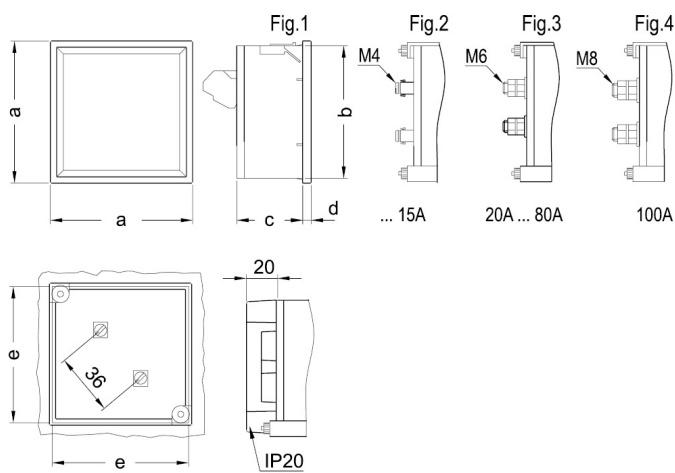


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Dimensions



| 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

