

Analogue measuring instruments AC - ammeter



**48x48 | 72x72
96x96 | 144x144 - DIN 43700
Moving iron instrument
class 1.5**

MI48 | MI72 | MII96 | MI144

Display

| | |
|---|---|
| Pointer | black conform to DIN 43802 – scale plate division 90° |
| Unit | A |
| Accuracy class referred to the full-scale value | 1,5 (request class 1) |
| Scale color | Scale plate: white – division and numbers: black |
| Scale division | Rough - Fine |
| Changeable scale plates | no |

Input

| | |
|---|--|
| Connection | Direct or with current-transformer .../5A or .../1A |
| Ranges In, direct measurement 48x48 = max.30A AC | 1 1,5 2,5 4 5 6 10 15 20 25 30A |
| | 72x72, 96x96, 144x144 |
| Overload (stockversion = 2xIn) | 1 1,5 2,5 4 5 6 10 15 20 25 30 40 50 60A [(100A) |
| Burden | 1xIn 2xIn 5xIn 6xIn |
| Operating Frequency | 0,3... 1,2VA 40...60Hz |

Standards

| | |
|------------------------------|---|
| Technical Characteristics | CENELEC HD 233, CEI 85-3, IEC51, VDE0410, BS89, C42-100 |
| Safety Standards | CENELEC HD 215, CEI13-10, IEC414, DIN57410, BS5458 |
| Safety CE EN 61010-1:2001-11 | CAT III |

Environmental conditions

| | |
|-----------------------|--|
| Reference Temperature | 20°C +/- 1°C |
| Operating Temperature | 20°C +/- 10°C (-10...+55°C without damage in continuous service) |
| Temperatureinfluss | +/- 0,05% / °C |
| Storage Temperature | -40...+70°C |

Housing

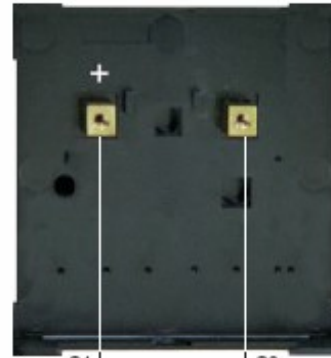
| | |
|------------------|---|
| Front Frame | 48x48 72x72 96x96 144x144 |
| Mounting | panel |
| Depth of Housing | 53mm (with terminal cover 63mm) |
| Connection | screws |
| Housing | Thermoplastic according to UL-94, V-O classification |
| Protection | IP52 (inside of instrument) IP00 (terminals) IP20 (with terminal cover) |
| Weight | 0,12 ...0,35kg |

CONNECTION | DIMENSIONS



L1 ——— +
N ——— -

Input : e.g. direct up to 60A AC (48x48 =max.30A AC)



L1 ——— S1 ——— S2
N ——— P1 ——— P2

connection c.t.../5A or .../1A

