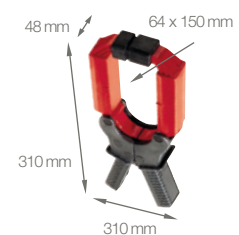
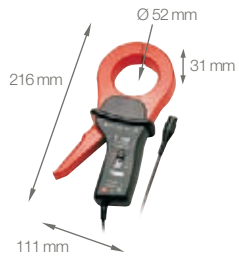
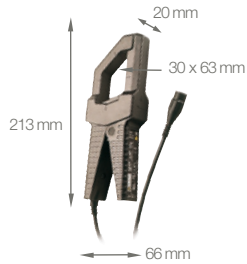
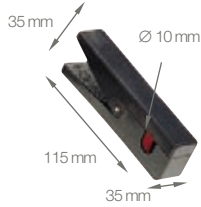


AC current measurement



| Series | Model | Input | | | | | | Output / Connections | | | | Specific features | | | | To order |
|------------------|-----------------------------------|---|--------------|----|----|---------|------------------|----------------------------------|----------------------------|----------------------------|---|-------------------------------------|---------------------------------------|-------------------|--------------------------------------|-------------|
| | | Measurement range (1) | | | | | | Voltage | Lead + safety plugs ø 4 mm | Female sockets ø 4 mm | BNC connectors (coaxial) | Transformation ratio (input/output) | Output protected against overvoltages | Automatic zero DC | Power measurement (low phase shift) | |
| Very low current | Low current | Medium current | High current | AC | DC | Current | | | | | | | | | | |
| MINI | MINI 01 | 2 to 150 A | | | | | 0.15 A AC | | | | 1,000/1 | | | 48 Hz... 500 Hz | ≤ 2.5% | P01105101Z |
| | MINI 02 | 50 mA to 100 A | | | | | 0.15 A AC | | | | 1,000/1 | | | 48 Hz... 10 kHz | ≤ 1% | P01105102Z |
| | MINI 03 | 1 to 100 A | | | | | | 0.1 V AC | | | 1 A / 1 mV | | | | ≤ 2% | P01105103Z |
| | MINI 05 | 5 mA to 10 A 1 to 100 A | | | | | | 10 V AC 0.1 V AC | | | 1 mA / 1 mV 1 A / 1 mV | | | 48 Hz... 500 Hz | ≤ 3% ≤ 2% | P01105105Z |
| | MINI 09 | 1 to 150 A | | | | | | 15 V DC | | | 1 A / 100 mV | | | | ≤ 4% | P01105109Z |
| MN | MN08 | 0.5 to 240 A | | | | | 0.2 A AC | | | | 1,000/1 | | | | ≤ 1% | P01120401 |
| | MN09 | 0.5 to 240 A | | | | | 0.2 A AC | | | | 1,000/1 | | | | ≤ 1% | P01120402 |
| | MN010 | 0.5 to 240 A | | | | | 0.2 A AC | | | | 1,000/1 | | | | ≤ 2% | P01120403 |
| | MN011 | 0.5 to 240 A | | | | | 0.2 A AC | | | | 1,000/1 | | | | ≤ 2% | P01120404 |
| | MN012 | 0.5 to 240 A | | | | | 0.2 A AC | | | | 1,000/1 | | | | ≤ 1% | P01120405 |
| | MN013 | 0.5 A to 240 A | | | | | 2 V AC | | | | 1 A / 10 mV | | | | ≤ 1% | P01120406 |
| | MN014 | 0.5 A to 240 A | | | | | 0.2 V AC | | | | 1 A / 1 mV | | | | ≤ 1% | P01120416 |
| | MN015 | 0.5 A to 240 A | | | | | 0.2 V AC | | | | 1 A / 1 mV | | | | ≤ 1% | P01120417 |
| | MN021 | 0.1 A to 240 A | | | | | 0.2 A AC | | | | 1,000/1 | | | | ≤ 2% | P01120418 |
| | MN023 | 0.1 A to 240 A | | | | | | 2 V AC | | | 1 A / 10 mV | | | | ≤ 1.5% | P01120419 |
| | MN038 | 0.1 A to 24 A 0.5 A to 240 A | | | | | | 2 V AC 2 V AC | | | 1 A / 100 mV 1 A / 10 mV | | | | ≤ 1% | P01120407 |
| | MN039 | 0.1 A to 24 A 0.5 A to 240 A | | | | | | 2 V AC 2 V AC | | | 1 A / 100 mV 1 A / 10 mV | | | | ≤ 1% | P01120408 |
| | MN060 | 0.1 A to 60 A peak 0.5 A to 600 A peak | | | | | | 6 V peak 6 V peak | | | 1 A / 100 mV 1 A / 10 mV | | | 40 Hz... 40 kHz | ≤ 2% ≤ 1.5% | P01120409 |
| MN071 | 10 mA to 12 A | | | | | | 1 V AC | | | 1 A / 100 mV | | | | ≤ 1% | P01120420 | |
| MN073 | 10 mA to 2.4 A 100 mA to 240 A | | | | | | 2 V AC 2 V AC | | | 1 mA / 1 mV 1 A / 10 mV | | | 40 Hz... 10 kHz | ≤ 1% ≤ 2% | P01120421 | |
| MN088 | 0.5 A to 240 A | | | | | | 20 V DC (2) | | | 1 A / 100 mV | | | | ≤ 2% | P01120410 | |
| MN089 | 0.5 A to 240 A | | | | | | 20 V DC (2) | | | 1 A / 100 mV | | | | ≤ 2% | P01120415 | |
| Y | Y1N | 4 A to 600 A | | | | | 0.5 A AC | | | | 1,000/1 | | | 48 Hz... 1 kHz | ≤ 3% | P0112,0001A |
| | Y2N | 4 A to 600 A | | | | | 0.5 A AC | | | | 1,000/1 | | | 48 Hz... 1 kHz | ≤ 1% | P01120028A |
| | Y3N | 4 A to 600 A | | | | | 5 A AC | | | | 100/1 | | | 48 Hz... 1 kHz | ≤ 3% | P01120029A |
| | Y4N | 4 A to 600 A | | | | | | 0.5 V DC (2) | | | 500 A / 0.5 V | | | 48 Hz... 1 kHz | ≤ 1% | P0112,0005A |
| | Y7N | 1 A to 1,200 A peak | | | | | | 1.2 V peak | | | 1 A / 1 mV | | | 5 Hz... 10 kHz | ≤ 2% | P01120075 |
| | C100 | 0.1 A to 1,200 A | | | | | 1 A AC | | | | 1,000/1 | | | 30 Hz... 10 kHz | ≤ 0.5% | P01120301 |
| | C102 | 0.1 A to 1,200 A | | | | | 1 A AC | | | | 1,000/1 | | | 30 Hz... 10 kHz | ≤ 0.5% | P01120302 |
| C103 | 0.1 A to 1,200 A | | | | | 1 A AC | | | | 1,000/1 | | | 30 Hz... 10 kHz | ≤ 0.5% | P01120303 | |
| C106 | 0.1 A to 1,200 A | | | | | | 1 V AC | | | 1 A / 1 mV | | | 30 Hz... 10 kHz | ≤ 0.5% | P01120304 | |
| C107 | 0.1 A to 1,200 A | | | | | | 1 V AC | | | 1 A / 1 mV | | | 30 Hz... 10 kHz | ≤ 0.5% | P01120305 | |
| C112 | 1 mA to 1,200 A | | | | | 1 A AC | | | | 1,000/1 | | | 30 Hz... 10 kHz | ≤ 0.3% | P01120314 | |
| C113 | 1 mA to 1,200 A | | | | | 1 A AC | | | | 1,000/1 | | | 30 Hz... 10 kHz | ≤ 0.3% | P01120315 | |
| C116 | 1 mA to 1,200 A | | | | | | 1 V AC | | | 1 A / 1 mV | | | 30 Hz... 10 kHz | ≤ 0.3% | P01120316 | |
| C117 | 1 mA to 1,200 A | | | | | | 1 V AC | | | 1 A / 1 mV | | | 30 Hz... 10 kHz | ≤ 0.3% | P01120317 | |
| C122 | 1 A to 1,200 A | | | | | 5 A AC | | | | 1,000/5 | | | 30 Hz... 10 kHz | ≤ 1% | P01120306 | |
| C | C148 | 1 A to 300 A 1 A to 600 A 1 A to 1,200 A | | | | | 5 A AC | | | | 250/5 500/5 1,000/5 | | | 48 Hz... 1 kHz | ≤ 2% ≤ 1% ≤ 1% | P01120307 |
| | C160 | 0.1 A to 30 A peak 0.1 A to 300 A peak 1 A to 2,000 A peak | | | | | | 3 V peak 3 V peak 2 V peak | | | 10 A / 1 V 100 A / 1 V 1,000 A / 1 V | | | 10 Hz... 100 kHz | ≤ 3% ≤ 2% ≤ 1% | P01120308 |
| | C173 | 1 mA to 1.2 A 0.01 A to 12 A 0.1 A to 120 A 1 A to 1,200 A | | | | | | 1 V AC | | | 1 A / 1 V 10 A / 1 V 100 A / 1 V 1,000 A / 1 V | | | 10 Hz... 3 kHz | ≤ 0.7% ≤ 0.5% ≤ 0.3% ≤ 0.2% | P01120309 |
| | B102 | 500 µA to 4 A 0.5 A to 400 A | | | | | | 4 V AC 0.4 V AC | | | 1 mA / 1 mV 1 A / 1 mV | | | 10 Hz... 1 kHz | ≤ 0.5% ≤ 0.35% | P01120083 |
| | D30N | 1 A to 3,600 A | | | | | 1 A AC | | | | 3,000/1 | | | 30 Hz... 5 kHz | ≤ 0.5% | P01120049A |
| D | D30CN | 1 A to 3,600 A | | | | | 1 A AC | | | | 3,000/1 | | | 30 Hz... 5 kHz | ≤ 0.5% | P01120064 |
| | D31N | 1 A to 600 A 1 A to 1,200 A 1 A to 1,800 A | | | | | 1 A AC | | | | 500/1 1,000/1 1,500/1 | | | 30 Hz... 1.5 kHz | ≤ 3% ≤ 1% ≤ 0.5% | P01120050A |
| | D32N | 1 A to 1,200 A 1 A to 2,400 A 1 A to 3,600 A | | | | | 1 A AC | | | | 1,000/1 2,000/1 3,000/1 | | | 30 Hz... 1 kHz | ≤ 1% ≤ 0.5% ≤ 0.5% | P01120051A |
| | D33N | 1 A to 3,600 A | | | | | 5 A AC | | | | 3,000/5 | | | 30 Hz... 5 kHz | ≤ 1% | P01120052A |
| | D34N | 1 A to 600 A 1 A to 1,200 A 1 A to 1,800 A | | | | | 5 A AC | | | | 500/5 1,000/5 1,500/5 | | | 30 Hz... 1.5 kHz | ≤ 3% ≤ 1% ≤ 0.5% | P01120053A |
| | D35N | 1 A to 1,200 A 1 A to 2,400 A 1 A to 3,600 A | | | | | 5 A AC | | | | 1,000/5 2,000/5 3,000/5 | | | 30 Hz... 1.5 kHz | ≤ 1% ≤ 0.5% ≤ 0.5% | P01120054A |
| | D36N | 1 A to 3,600 A | | | | | 3 A AC | | | | 3,000/3 | | | 30 Hz... 5 kHz | ≤ 0.5% | P01120055A |
| | D37N | 0.1 A to 36 A 1 A to 360 A 1 A to 3,600 A | | | | | | 3 V AC | | | 30 A/3 V 300 A/3 V 3,000 A/3 V | | | 30 Hz... 5 kHz | ≤ 2% | P01120056A |
| | D38N | 1 A to 90 A peak 1 A to 900 A peak 1 A to 9,000 A peak | | | | | | 0.9 V peak | | | 1 A / 10 mV 1 A / 1 mV 1 A / 0.1 mV | | | 30 Hz... 50 kHz | ≤ 2% | P01120057A |

(1) The upper value corresponds to 120% of the maximum rated value (2) Reshaping of AC signal by diodes.