




ACCESSORIES CLAMP - MODEL SP205 – SP215

1. Safety

Symbols used on the products or manual:

| | | |
|---|--|--|
|  Double insulation - Class 2 |  Caution : refer to manual |  EEC regulation compliance |
|---|--|--|

Max. voltage for non isolated conductor : 30 Volts rms. except SP215 (600V rms.)

Max. voltage for non isolated conductor according to CEI414 : 640 Volts rms.

Max. voltage of isolated conductor : 650 Volts rms.



Before processing measurement, user must check that the clamp is not broken (plastic parts) and that the device has been cleaned (the jaws are very sensitive to dust and must be cleaned before measurement) .

2. Specifications

2.1 Environment

Operating temperature: -10°C to +50°C

Max. elevation: 2000 m

Storage temperature: -20°C to +80°C

2.2 Electrical & mechanical

| | SP205 | SP215 |
|--------------------------------|------------------|------------------|
| Nominal primary current | 25A | 250A |
| Max. current (1) | 50A | 300A |
| Transformation ratio | 10/1 | 1000/1 |
| Output | 100mV= \pm 1A~ | 10mV= \pm 1A~ |
| External load | 25K Ω min | 25K Ω min |
| Accuracy class (2) | 1% | 1% |
| Bandwidth (3) | 40Hz - 5KHz | 40Hz - 5KHz |
| Response time (typ.) | 1V in 0,5s | 1V in 0,5s |
| Residual ripple (typ.) | 10mV for 2,5V | 10mV for 2,5V |
| Aperture (mm) | 15x17 | \varnothing 50 |
| Dimensions (mm) | 115x43x23 | 101x215x40 |
| Weight | 115g | 650g |
| CEI1010-2-031 | 30V | Cat III- 600V |

(1) : 5mn/heure max. , 10s max. permanent (2) : Specifications are given from 5% to 120% of nominal current (with cleaned jaws)

(3) : For \pm 5% accuracy