

Clamp Sensors (Current sensor for Models 3169 and 3196)

## CLAMP ON SENSOR 9661



CAT III 600 V



POWER QUALITY ANALYZER 3196



### OVERVIEW

### Clamp-on Sensors for the POWER QUALITY ANALYZER 3196 and CLAMP ON POWER HiTESTER 3169

For input up to AC 500A, select our Model 9661, and for smaller currents of up to AC 100A, select Model 9660. Both sensors are designed with a safety barrier to protect the user from being in direct contact with live conductors and completely meet all CE marking requirements.

#### Basic specifications

|                                  |   |
|----------------------------------|---|
| <b>Rated input current</b>       | 500 A AC  |
| <b>Rated output current</b>      | 0.5 V AC  |
| <b>Accuracy (at 45 to 66 Hz)</b> | <b>Amplitude:</b> $\pm 0.5\%$ rdg. $\pm 0.2\%$ f.s. , Full scale (f.s.) is the 3196 range value,<br><b>Phase:</b> $\pm 0.5^\circ$ or less |
| <b>Frequency characteristics</b> | 66 Hz to 5 kHz ( $\pm 1\%$ or less from accuracy)   |
| <b>Max. allowable input</b>      | continuous 550 A rms (45 to 66 Hz)  |
| <b>Max. circuit voltage</b>      | 600 V AC rms (insulated wire)   |
| <b>Core jaw dia.</b>             | $\varnothing 46$ mm(1.81 in)  |
| <b>Dimensions, mass</b>          | 77 mm(3.03 in)W $\times$ 151 mm(5.94 in)H $\times$ 42 mm(1.65 in)D, 360 g (12.7 oz), <b>cord length:</b> 3 m(9.84 ft)                     |

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