

Dati tecnici

5500A/COIL | 50-Turn Current Coil



Descrizione generale del prodotto: 5500A/COIL | 50-Turn Current Coil

Supports the calibration of clamp-type current meters<

The 50 Turn 5500A/COIL is used as a tool for calibrating clamp type current meters that operate by two different principles -- as current transformers (AC only), and by the Hall Effect (Both AC and DC). It is impractical to calibrate 1000A rated current clamp meters using a 1000A source. However, by using the 50 turns of the 5500A/COIL in conjunction with a current calibrator you can effectively multiply the current of the current calibrator by a factor of 50 to support the calibration and verification of these clamp-on current meters.

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| General Specifications | |
|------------------------|---|
| Number of Tus | 50 |
| Maximum Current | 11A rms, continuous 20A rms, 2 minutes |

| | | |
|---|---|---|
| Maximum Duty Cycle Derating | < 11A, continuous > 11A, 2 minutes ON, 8 minutes OFF | |
| Maximum Voltage | 3V rms | |
| Frequency of Operation | DC, 45-440 Hz | (should not exceed rms Voltage rating) |
| | For the 5500A Current Output: | DC, 45-65 Hz, 0-11A |
| | | 65-440 Hz, 0-2.19999A |
| | For the 5520A Current Output: | DC, 45-65 Hz, 0-20A |
| | | 65-440 Hz, 0-2.99999A |
| | This specification assumes that a Fluke 80i-600 Clamp Meter or equivalent is attached. Other clamp meters may limit the 5500A/5520A Current Output drive capability to less than the above. | |
| Uncertainty Due to Clamp Meter/Coil Interaction | ± (0.25% of effective output + 0.5A), for toroidal-wound current clamps, such as the Fluke 80I and 80I-1000. | |
| | ± (0.50% of effective output + 0.5A), for current clamps like the Fluke 80i-kw, 80i-400, 80i-410, 80i-500, 80i-1010, Fluke 31, Fluke 33, or equivalent. | |
| Calibration Documentation | Statement of calibration practices included; With 17025 accredited report | |
| Minimum Inside Diameter of Clamp Jaws | 2.54 cm (1 in.) | |

Modelli



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Fluke Italia S.r.l.
Viale Lombardia 218
20861 Brugherio (MB)
Tel: +39 02 3600 2000
E-mail: cs.it@fluke.com
www.fluke.it

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