



5286 / 5287

Current Booster



GENERAL

The type 5286 and 5287 extends the performance of the C-tan δ field test sets 2818/ 5283, 2816/5284 U and MIDAS 2880. The 5286 and 5287 provides an additional power supply with high current output and normal capacitances for on-site inductance testing. It comes into use for transformer on-site testing with

- compact design and portability
- integrated overload protection
- high current output up to 10 A

DESIGN FEATURES

The system is designed for on-site inductance testing, especially for short circuit impedance testing at power transformers.

The short circuit impedance of a winding is tested with the opposite (secondary) winding shorted. The requirement for the high current power supply and high accuracy measuring device is met with the 5286 in combination with the bridge 2818 or 2816 and the 5287 in combine with MIDAS2880.

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TECHNICAL SPECIFICATIONS

- Current output 0 ... 10 A
- Max. current output 15 A for 5 min.
- Voltage output 0 ... 11 V or 0 ... 110 V
- Standard C approx. 100 nF

DIMENSIONS

Dimensions 255 x 300 x 255 mm
(w x h x d) (10 x 11.8 x 10 in.)
Weight 21 kg (46 lbs)

SAFETY CIRCUITS

The current output is automatically interrupted when the current booster was overloaded. The interrupt is indicated at the front panel. After sufficient cooling of the power supply the system turns back into normal operating mode.

The test complies
with IEC 76-5



ORDER SPECIFICATIONS

- 5286 current booster including cable set for installation with 2818/5283
- 5286 current booster including cable set for installation with 2816/5284 U and modification of the 5284
- 5287 current booster including cable set for installation with MIDAS 2880