

Electronic Compensated Standard Current Burden

ESCB 200



General

The programmable electronic compensated standard current burden ESCB can be used in transformer test laboratories for manual, semiautomatic and automatic tests of current transformers.

The ESCB is characterised particularly by the user-friendly menu guidance by means of inserted function keys as well as the 10,4" TFT-mono chrome display.

Features

- For the ESCB no external burden adjustment is required.
- The menu-guided control of the ESCB can be accomplished either by using an external PC or by using the built-in soft-key terminal.
- The ESCB can be calibrated in the range of its specifications (e.g. IEC or ANSI) for every transformer.
- Definitions of any new standards are possible.

Technical Data

Current burden	ESCB 200
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General	
Power supply	230 VAC -15 % ... +10 %, 47 Hz ... 63 Hz
Power consumption	approx. 30 VA
Dimensions (HxWxD)	355 x 483 x 580 mm
Weight	approx. 65 kg
Technical Specifications	
Test current I_N	1; 2; 5 A
Burden Steps	The burden steps can be selected in the range of 0 ...200 VA in steps of 0.01 VA and $\cos \beta$ 0.01 $\cos \beta$ 0.5 - 1 = 5 ... 200 VA $\cos \beta$ 1 = 1 ... 200 VA
max. load range	200 % I_N
Accuracy within the load range ¹	$(\Delta R / Z)$ or $(\Delta X / Z) \leq \pm 3 \%$
Test frequency	50 Hz / 60 Hz
Interface	1 RS232

Subject to alterations!

¹ related to Z