

Product Specification Inter turn Strand Tester AT-ITST

Product: Inter turn strand tester
Type: AT-ITST
Edition: 01/22

1. Description

The Interturn strand tester was developed for the measurement of straight bar short circuits after consolidation of the straight bar section. The AT-ITST is designed for two-rowed, double two rowed and rowed with hollow strands bar types.

2. Technical Data

Width: approx. 800 mm
Length: approx. 1000 mm
Height: 1220 – 1620 mm
Weight: approx. 320 kg

Max. no. of strands: variable up to $2 \times 50 = 100$ strands per bar
Strand cross-section max.: $3,2 \times 15,0$ mm
Strand cross-section min.: $1,0 \times 5,0$ mm
Testing voltage: 110 – 350 VAC 50Hz
Failure criterion: Insul. Resistance: $10 \text{ k}\Omega \pm 1000 \Omega$
Measurement time (for 100 strands): approx. 90 sec.

Power supply: 230 VAC N PE
Pre-Fuse: 16 A
Max. output: 2,7 kW

3. Scope of supply

The AT-ITD consists of:

Frame (adjustable in height)
Testing equipment head
Electric control cabinet
Touch screen including software for conversion and evaluation of the
2 separators for expanding the strands
2 units of splitter

