

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

ABB s.r.o.

CAB number 2423, Calibration Laboratory of Measuring Transformers
Videňská 117, 619 00 Brno

CMC for the field of measured quantity: Electrical quantities

Ord. number ₁	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work- place
		min	unit	max	unit					
1	AC current ratio / Measuring current transformers	1		to	40,000	5 A to 40,000 A / 5 A and 1 A	50 Hz	0.015 %	Comparison with a standard measuring transformer	1VLD261300
2	Current phase shift / Measuring current transformers	-600´		to	600´	5 A to 40,000 A / 5 A and 1 A	50 Hz	0.75´	Comparison with a standard measuring transformer	
3	AC voltage ratio / Measuring voltage transformers	0.008		to	624	1 kV to 36 kV / 100/√3 V to 120 V	50 Hz	0.018 %	Comparison with a standard measuring transformer	
4	Voltage phase shift / Measuring voltage transformers	-600´		to	600´	1 kV to 36 kV / 100/√3 V to 120 V	50 Hz	0.90´	Comparison with a standard measuring transformer	

¹ Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

² The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02, part of CMC, and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the value measured. The uncertainty value given here is based on the best laboratory conditions achievable; the uncertainty value of a particular calibration may be higher depending on the conditions of that calibration. For identical limit values of adjacent ranges, the lower uncertainty value always applies.

³ If the document identifying the calibration procedure is dated, only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).