



EU Type Examination Certificate No CH-MI003-21039-01

Applicant: **LEM INTERNATIONAL SA**
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1217 MEYRIN
Switzerland

Requirements: Directive 2014/32/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of measuring instruments and the instrument-specific annex MI-003.

Ordinance of 15 February 2006 on Measuring Instruments (SR 941.210) and Ordinance of the FDJP of 26 August 2015 on Electrical Energy Meters (SR 941.251)

Conformity standards: EN 50470-1:2006, EN 50470-3:2006 and CLC/TR 50579

The tests were supplemented with a susceptibility test against symmetrically flowing currents in the frequency range 2 kHz to 150 kHz.

Type of instrument: **DC-Meters (DCM)**

Type designation: **DCBM 400 / 600 Series**

Accuracy class(es): B

Characteristics: Meter typedirect connected meters
Reference voltage U_n : 150 ... 1000 V
Reference current I_{Ref} : 80, 120 A
Maximum current I_{max} : 400, 600 A
Minimum current I_{min} : 4, 6 A
Reference frequency f_n : 0 Hz (DC)
Operating temperature range: -40 ... +70 °C
Casing protection class: IP 20 (integrated in the cabinet)
Protection class of connections: ... IP 10
Protection class (application): Class II (indoor meter)

Certificate valid until: 16 February 2032

Notified body Conformity Evaluation Body METAS-Cert
No. 1259

3003 Berne-Wabern, 14 September 2023

Approved by Gulian Couvreur, Head of sector
METAS-Cert

