**Tender text SINEAX DM5S**

**Programmable multi-transducer for heavy-current quantities**

**For the concurrent measurement of multiple quantities in power systems**

**Variants Universal version for all systems or**

 **all kind of balanced load systems or**

 **single-phase and balanced-load 4-wire systems**

**Systems Single-phase, split phase, 3-/4-wire systems balanced / unbalanced**

**Meas. inputs 400V Ph-N (max. 480V), 693V Ph-Ph (max. 832V)**

 **1…5A (max. 7,5A)**

 **45…65Hz**

**Meas. interval Programmable: 4,8,16,32…1024 cycles, synchronized to power frequency**

**Meas. category CAT III**

**Base quantities TRMS: Current neutral current (calculated), voltage, frequency, active / reactive power, zero displacement voltage, load factors, bimetal current with slave pointer, current and voltage average values, harmonics up to 31st and THD V/I via Modbus**

**Energy meters 32 meters, up to 16 tariffs, active energy Cl.0.5S, reactive energy Cl.2**

 **Programmable meter resolution**

**Uncertainty V,I: 0,15%; P,Q,S: 0,2%; f: 0,01Hz (for meas. interval 8 cycles)**

**Outputs 0,1,2,3,4 analog outputs ±20mA, galvanically isolated**

**Communication USB configuration interface, optional Modbus/RTU interface**

**Power supply Universal 24…230V DC, 100…230V AC**

**Housing for top hat-rail mounting 110x70x70mm (HxWxD)
IP30 (housing), IP20 (terminals), UL94 V-0**

**Type SINEAX DM5S + feature coding**

**Manufacturer Camille Bauer AG**

 **Aargauerstrasse 7**

 **CH-5610 Wohlen**

[**https://www.camillebauer.com**](https://www.camillebauer.com)