

EMOB32 – Technical data

General

Temperature range, operation	-10° ... + 40° C
Relative humidity (not condensing)	10 ... 90 %

Safety

Declaration of conformity	CE conform
Overvoltage category current measurement	CAT II 300 V

Voltage Measurement

Voltage range(s) 23)	250 V, 8 V, 100 mV
Voltage measurement accuracy 23)	< 0.05 % @ 30 ... 300 V < 0.5 % @ 10 mV ... < 30 V < 1 % @ 2 mV ... < 10 mV

Current measurement

Fundamental frequency	45 ... 65 Hz
Current measurement	10 mA ... 32 A
Current range(s) 23)	50 A, 10 A, 5 A, 1 A, 500 mA, 100 mA, 50 mA
Current measurement accuracy 23)	< 0.05 % @ 32 A .. 0,1 A < 0.1 % @ 0.1 A ... 0.02 A
Angle measurement accuracy 23)	< 0.015 ° @ 32 A .. 0.1 A < 0.03 ° @ 0.1 A .. 0.02 A

Maximum current	32 A ~
Current channels surge current capability	63 A (1 min)
Power/energy measurement accuracy 23)	< 0.1 % @ 32 A .. 0,1 A < 0.15 % @ 0.1 A ... 0.02 A

23: In connection with MT310s2
Subjects to alteration.

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