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SWITCHBOARD INSTRUMENTATION



Multi-output transducer, MTR-3 Plug & play USB programming

- Up to four analogue outputs
- RS485 serial Modbus communication
- Ultra-fast response time
- Universal power supply

Multi-output transducer, MTR-3



Powerful, fast, and compact, DEIF's MTR-3 multi-output transducer range has been designed to measure and monitor on single-phase or three-phase networks. The transducer comes with up to four analogue outputs, is easy to programme and configure via USB interface with free, user-friendly utility software from DEIF and needs no external power supply during programming.

The size of a portable hard drive, the MTR-3 is slight in size but offers performance equal to that of four standard transducers, measuring and calculating AC voltage, AC current, active/reactive/apparent power, power factor, frequency, kWh, kVAR, THD, dynamic and maximum demands.

The MTR-3 range has a standard response time of less than 200 ms, with the MTR-3F offering ultra-fast response at just ≤ 50 ms. Modbus data refresh time is also just 50 ms with transfer data up to 115,200 bit/s. The accuracy class is 0.5 for analogue data and 0.3 for Modbus data.

With configurable outputs for more than 50 parameters and a universal power supply (19-300V DC, 40-276V AC), it is possible to stock the MTR-3 with future installations and reconfiguration for almost any application in view.

The MTR-3 is available in four standard versions:

Type	Analogue outputs	RS485 Modbus	Response time
MTR-3-015	—	×	200 ms
MTR-3F-215	2	×	50 ms
MTR-3-315	3	×	200 ms
MTR-3-415	4	×	200 ms



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