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TPN100DR Iskraemeco MT172

Three-Phase Electronic Meter
with internal clock



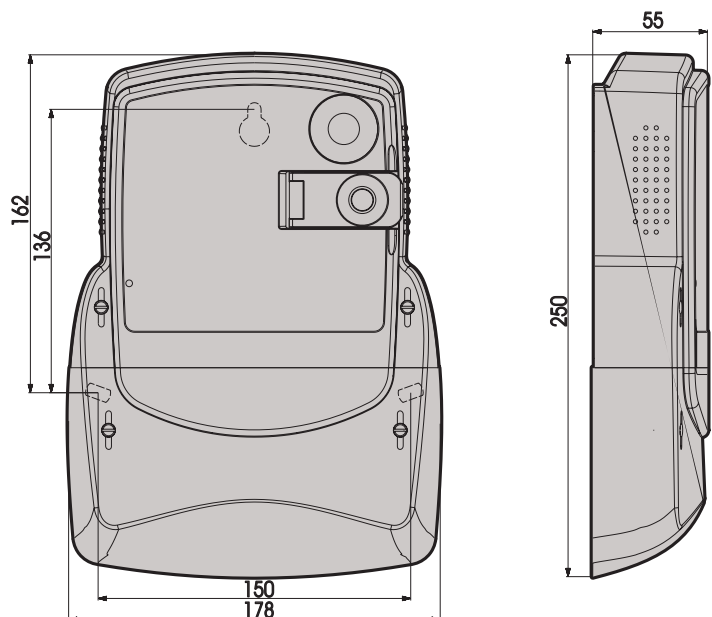
MT172 – Three-Phase Electronic Meter with internal clock

The MT172 three-phase electronic meters are designed for measuring and registration of active and reactive energy in three-phase four or three-wire network for direct and indirect connection. Measuring and technical characteristics of the meter comply with the IEC 62052-11 and IEC 62053-21 (IEC 61036) international standards for electronic active energy meters, class 1 or 2, and reactive energy meters, classes 2 and 3 in compliance with IEC 62053-23 as well as a standard for time switches IEC 62052-21.

The meters are designed and manufactured in compliance with the standards and ISO 9001 as well as more severe Iskraemeco standards.

13.1. Dimensions

Meter fixing dimensions comply with the DIN 43857 standard.



7. Inputs and outputs

7.1. Inputs

M – Electronic meter
T – Three-phase three-wire

The meter is equipped with one (two-rate meters) or two (3- and 4-rate meters) tariff inputs that are used for external tariff changeover with a phase voltage or network.

7.2. Outputs

The meter is equipped with one or two impulse outputs. Two impulse outputs are used in case of bi-directional energy flow (an output for each energy flow direction). Outputs can be an S0 (DIN 43864) or opto-MOS relay type.