

# ME372

## Single phase GPRS meter for automatic meter reading

ME372 is targeted at deregulated energy markets and enables provision of automatic meter reading services. ME372 is a single-phase meter intended for use in residential applications. It incorporates a fully integrated GSM modem.

It is a perfect combination of well-proven metering technology and state-of-the-art GSM communication modem, all integrated and sealed in the single enclosure.

The integrated solution attains the same high quality and reliability of Iskraemeco meters. The meter is approved according to IEC 62052-11 and IEC 62053-21, ISO 9001, and designed according to even higher internal Iskraemeco standards, achieved in 60-year experiences of meter manufacturing and 55 million meters installed on the field worldwide.



### Feature overview

- Fully integrated GSM modem
- GSM, SMS and GPRS supported
- Import/export energy measurement
- 'Fit and go' – simple, fast and easy installation procedure
- OFGEM and MID approved
- Communications status indicators
- Tamper detection
- 'Last gasp' SMS alert on power down event
- Multiple load profiling channels
- Meter event log book



View of the terminal layout and SIM slot with terminal cover removed. Also shown is the M-Bus interface

# Technical Data

## General

Current rating	100 A max (BS) 785 A max (DIN)
Accuracy class	2 or 1
Approval	MID and OFGEM
Self consumption	<0.5 VA (Current) <2W / 10VA (Voltage)
Weight	0.8 Kg
Dimensions	200 x 132 x 82 mm

## Communication

Optical	IEC 62056-21
GSM/GPRS	Integrated modem DLMS protocol IEC 62056-21
SMS	Optional (SDDS protocol)
RS-485	Optional
M-Bus	Master communication interface For 4 sub-meters
SIM Card	Hot-swappable, under terminal cover
External antenna	Antenna coupler optional (passive connection)

## Data logging

Event log	128 meter events with time stamp
Load profile	2 profiling channel Max 16 objects in each channel
Profiling period	15, 30, 60 minutes or 1 day programmable Or other on demand
Max demand	Fully programmable
Parameters	Active energy (A+ import, A- export) Reactive energy (kVa import and export) Voltage Current