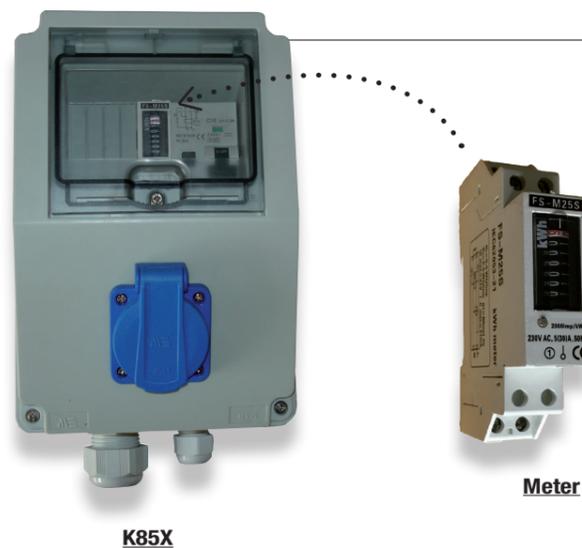


## Meter cabinet RE for IGA's



### Application

This 2 outputs meter cabinet is a solution perfectly suitable for Rural Electrification (RE) and particularly Income Generating Activities (IGA's).

It comprises an internal circuit breaker, a meter and a differential circuit breaker to ensure goods and people protection.

It is equipped with an input through a large cable gland for power supply and 2 outputs:

- An electrical outlet for simple access to energy,
- Second outlet through a smaller cable gland and black domino terminal for home wiring.

The whole set is pre-wired. Ideally, it can be installed inside the home or below a shelter.

### Description

#### Envelope:

- Synthetic materials.
- Dimensions (L x W x D): 220(260)x150x120mm.
- Mounted / connected: cut-out 10.3x38 (hidden) / meter / differential circuit-breaker / earthing terminal / power socket and terminal black domino terminal.
- Cable gland at the bottom used to route power cables (2x6-16mm<sup>2</sup> - diameter 13 up to 18mm).
- Movable window on the front side making the access to modular devices easier.
- First outlet with power socket having closed protection cover IP54.
- Second outlet with cable gland allowing leading-out cable (2x2.5mm<sup>2</sup> - diameter 5 up to 10mm).
- IP43 Device with conductors.
- Fitted with precuts at the bottom enabling the fixing of the envelope with screws, on every kind of material.
- Anti-fraud: sealing possibility preventing the access to the live areas.

#### Cut-out:

- Disconnection: Phase and Neutral.
- Equipped with a fuse 16A gG 10.3x38mm.
- Hidden cut-out, inaccessible from the user.

#### Differential circuit-breaker:

- Nominal current: 1A, 3A, 5A, 10A or 15A.
- Nominal voltage application: 230V / 240V, 50Hz.
- Breaking capacity: I<sub>cn</sub> = 3kA.
- Differential sensitivity: I<sub>Δ</sub> = 300mA.
- Breaking curve: type C.
- Differential breaking: instantaneously.

#### Power socket:

- Bipolar plug + earthing (type NF C 61-314).
- Female type.



#### Meter:

- Single phase type meter of 1 module size (18mm width).
- Class of measure: 1.
- Voltage rate: 230VAc ±10%.
- Frequency: 50Hz.
- Maximal current: 30A.

Code	Designation	Weight (kg)	Sales unit
K851	METER CABINET 2.0 1A	1.000	1
K853	METER CABINET 2.0 3A	1.000	1
K855	METER CABINET 2.0 5A	1.000	1
K856	METER CABINET 2.0 10A	1.000	1
K857	METER CABINET 2.0 15A	1.000	1
K858	METER CABINET 2.0 32A	1.000	1

### Option:

As an alternative, the meter cabinet is proposed with one output (1.0), access to energy being possible only through the power socket on the front side.



Code	Designation	Weight (kg)	Sales unit
K841	METER CABINET 1.0 1A	1.000	1
K843	METER CABINET 1.0 3A	1.000	1
K845	METER CABINET 1.0 5A	1.000	1
K846	METER CABINET 1.0 10A	1.000	1
K847	METER CABINET 1.0 15A	1.000	1



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