

Load limiter



Cabinet version

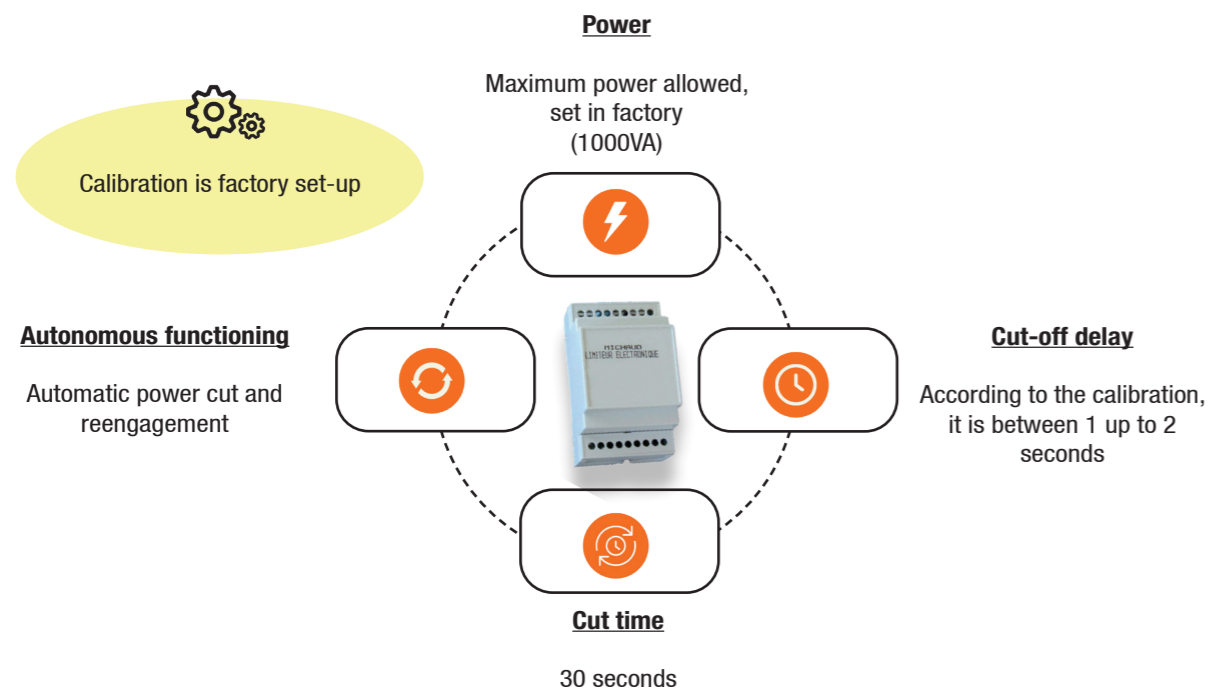


Module version

Application

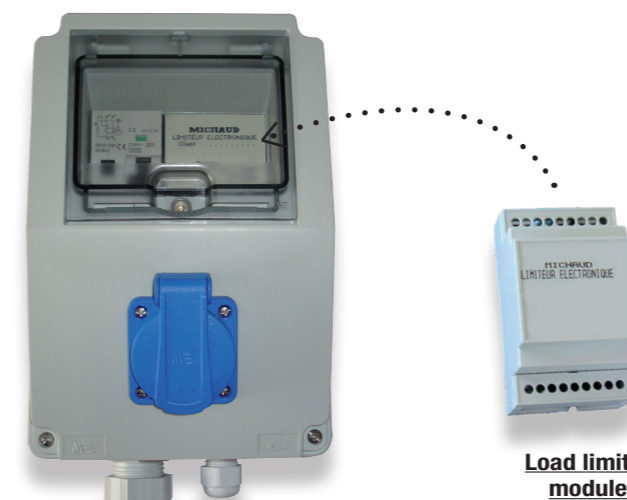
The load limiter is provided with an electronic regulator which controls intensity and manages power automatically without user/operator intervention. It is perfectly suitable for flat fee invoicing. It replaces the meter and cancels the requirement of consumption reading. The cabinet can be installed at the top of the pole or on the outside facade with the help of screws and strap. The cabinet resists to UV and to water or insect penetration (IP34D). Its closing cover can be sealed providing an excellent fraud protection. This cabinet limiter can receive a single phase connection with 2.5-16mm² cable sections.

Description



Code	Designation	Weight (kg)	Sales unit
K480	ELECTRONIC LIMITER CABINET 50-75VA	0.380	1
K481	ELECTRONIC LIMITER CABINET 75-250VA	0.380	1
K482	ELECTRONIC LIMITER CABINET 250-1000VA	0.380	1

Integrated version into modular interface



Load limiter module

Application

The load limiter module can be placed into an interface. It comprises a cutout and a differential circuit-breaker to ensure goods and people protection. It is equipped with an input through a cable gland for power supply and 2 outputs :
- an electrical outlet for simple access to energy
- a second output through a cable gland and a insulating screw joint for home wiring. The whole set is pre-wired and is suitable for a single-phase connection. Ideally, it can be installed inside the home or in an outdoor shelter.

Description

Envelope:

- Synthetic materials.
- Dimensions (LxWxD): 220(260)x150x120mm.
- Mounted / connected: cut-out 10.3x38 (hidden) / differential circuit-breaker / modular electronic load limiter / earthing terminal block / power socket and black domino terminal.
- Cable gland at the bottom used to route power cables (2x6-16mm² - 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 (2x2.5mm² - 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 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: 5A.
- Nominal voltage application: 230V / 240V, 50Hz.
- Breaking capacity: I_{cn} = 3kA.
- Differential sensitivity: I_Δ = 300mA.
- Breaking curve: type C.
- Differential breaking: instantaneously.

Power socket:

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

Option:

As an alternative to the electronic load limiter, another interface is available with a 1A thermal limiter. (K832)

Please enquire.



Code	Designation	Weight (kg)	Sales unit
K811	CUSTOMER BOARD 50-75VA	1.000	1
K812	CUSTOMER BOARD 75-250VA	1.000	1
K813	CUSTOMER BOARD 250-1000VA	1.000	1

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