

Simplifying  
**LIGHT**



development  
manufacturing  
sales  
support



# ECO-SERIES

**ECO-logic**

**ECO-nomic**

by **ELIMPO**  
Made in Belgium

**English**

# ELIMPO ECO-SERIES



## ECOSERIES – ECOLOGICAL - ECONOMICAL

Today the day-to-day challenges are big and the technological developments follow hot on each others' heels. These developments are in fact a spur to Elimpo and the medium for our unrelenting creativity and our ever-vigilant eye for development. So we operate an effective technical department so as to be able to help the customer time and time again and to incorporate the flow of information into our products.

We remain faithful to our mission and vision, namely to develop and produce efficient and reliable devices in the service of light time after time with optimum convenience of use for the end user. Moreover, we would like to remain a major player in particular in the niche of electronic automation.



Since 1995 Elimpo has been introducing its own developments and products to the market. Some time ago Elimpo started up with small, high-performance electronic transformers for halogen LS lighting, followed by a compact built-in dimmer, the first single-module remote dimmer, timers, the relay module and the fluorescent light control, .....

In 2003 Elimpo was the first in Belgium to launch LED lighting that could be directly connected to the 230V grid without an extra power supply or transformer.



With the introduction of all the new light sources such as ECO and LED lights and new energy-efficient ballasts, we are once more faced in every case with new challenges.

Despite our great variety of bulbs and power supplies and the continued lack of a standard, Elimpo is still succeeding in creating a new dimmer series for these types of loads.

Elimpo is proud to present its new Ecoseries in 2011. ECOlogical and ECONomical.



At the moment all Elimpo products are available and in stock with all the major wholesalers in Belgium. Our products have also been available from various wholesalers for some time in the Netherlands, the Grand Duchy of Luxembourg and France.

ELIMPO.



The ECO-Series is designed and produced by ELIMPO NV in Belgium to simplify lighting  
For more technical information visit <http://www.elimpo.com>

# ELIMPO ECO-SERIES



## THE ECOSERIES

The Ecoseries is the appropriate line of devices for efficient and easy control of contemporary lighting. As a result of the enormous flood of information that we receive daily, Elimpo has developed this range of dimmers especially for you. These devices are easy to install, quick and simple to set up and are very convenient to use.

These devices are extremely safe and they guarantee the user trouble-free convenience at all times. We at Elimpo always set great store by safety.

The options or extras have been very deliberately chosen with the aim of offering extra convenience and functions without sacrificing ease of use or added value.

## FUNCTIONS - COMFORT

The ECO function is of course the most important one of all. It allows you to dim dimmable energy-efficient bulbs (ECO bulbs) and dimmable LEDs (230V). The number of dimmable LEDs and ECO bulbs available on the market is growing at a rapid rate. In this way we are also helping you to create an ecologically and economically responsible convenient installation.

The MEMO function and ROOM function contribute to the creation of ambience and comfort. You can easily switch your light to the desired level with the Room function. The MEMO function retains your last settings for you.

With the BURGLARY or ALARM function you can create a sequence of "light movements" to protect your building. You can also give your alarm installation the job of operating the dimmers. In short, extra security is built in.

Thanks to easy installation, you can connect the desired dimmers and benefit from a number of extra options. You can switch the devices on or off together or independently. You can switch off with a delay (DELAYED SWITCHING OFF) or possibly with DELAYED DIMMING. The CONTROLLABLE DIMMING SPEED allows you to dim various devices/ bulbs in a beautiful linear fashion or to turn them on and off, thereby increasing your comfort.



The ECOSERIES consists of the 700, 800 and 900 series, that is built-in devices, triac-controlled devices and Mosfet-controlled devices respectively. In this brochure you will find the first series of products. Elimpo already has several new devices ready that we will add to the ECOSERIES after testing and approval. This series of products will just keep expanding so as to be able to offer every user the right device, for easy and specially tailored installation.

You can contact Elimpo at any time for an answer to your questions and to obtain the required technical information. The Elimpo website is a source of information that can help you at any time, with everything from product information manuals to photos. It's definitely worth a visit!

The ECO-Series is designed and produced by ELIMPO NV in Belgium to simplify lighting  
For more technical information visit <http://www.elimpo.com>

## Articles:

Reference	Description
ECODIM780	Built in remote dimmer 400W 230V
ECODIM810	Modular remote dimmer (1 MOD) 500W 230V
ECODIM815	Modular tension-controlled remote dimmer (1 MOD) 500W 12/24Vac/dc
ECODIM820	Modular remote dimmer (2 MOD) up to 750W 230V
ECODIM821	Modular tension-controlled remote dimmer (2 MOD) up to 750W 12/24Vac/dc
ECODIM822	Modular remote dimmer (2 MOD) up to 750W 230V full option
ECODIM823	Modular tension-contr. remote dimmer (2 MOD) 750W 12/24Vac/dc full option
ECODIM920	Modular remote dimmer (2 MOD) up to 400W 230V <b>ECO</b>
ECODIM921	Modular tension-controlled remote dimmer (2 MOD) up to 400W 12/24Vac/dc <b>ECO</b>
ECODIM922	Modular remote dimmer (2 MOD) up to 400W 230V <b>ECO</b> full option
ECODIM923	Modular tension-contr. dimmer (2 MOD) up to 400W 12/24Vac/dc <b>ECO</b> full option

Reference	Mosfet/ Triac	<b>ECO</b> function	MEMO function	ROOM function	ALARM function	DELAYED dimming	ADJUSTABLE dimspeed	GENERAL switch off/on	GENERAL switch off	DELAYED switch off
ECODIM780	T		X	X						
ECODIM810	T		X	X					X	
ECODIM815	T		X	X					X	
ECODIM820	T		X	X			X		X	X
ECODIM821	T		X	X			X		X	X
ECODIM822	T		X	X	X	X	X	X	X	X
ECODIM823	T		X	X	X	X	X	X	X	X
ECODIM920	M	X	X	X			X		X	X
ECODIM921	M	X	X	X			X		X	X
ECODIM922	M	X	X	X	X	X	X	X	X	X
ECODIM923	M	X	X	X	X	X	X	X	X	X

## ECODIM780

### Built in remote dimmer 400W

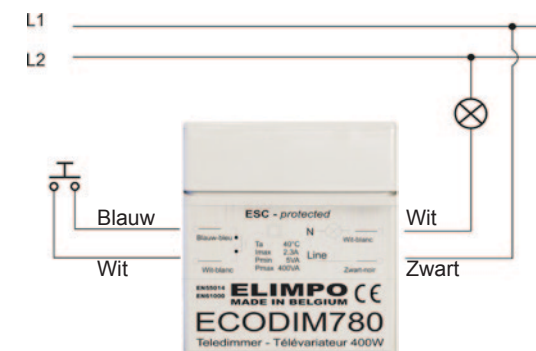


#### Features

- new technology
- dimmable charge up to 400W
- fit vor a wide variety of loads
- no need for extra power supply
- room function
- compact dimensions
- built in after the push button inside the wall box
- ideal for existing installations (renovations)
- with or without memory function
- 2 year warranty

#### Technical specifications

connection insulated silicone wire  
 power max. 400W  
 temperature fully charged Tc 65°C  
 dimensions L: 50mm x H: 44mm x D: 19mm  
 weight 75gr  
 protection internal ESC-security  
 installation behind push button in wall box/on ceilings  
 load light bulbs, dimmable (leading edge) electronic and wired transformers, small fans  
 control standard push button, relais





# ECO-SERIES 800

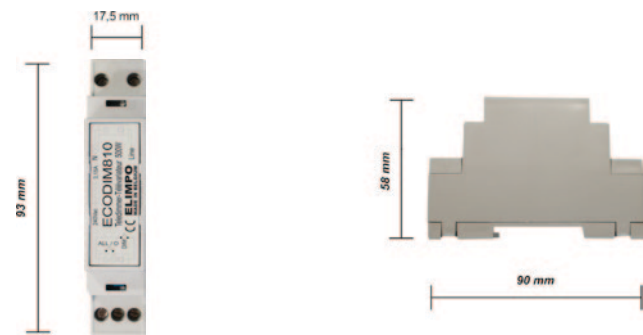
Triac Remote Technology

## ECODIM810

Modular remote dimmer for 500W

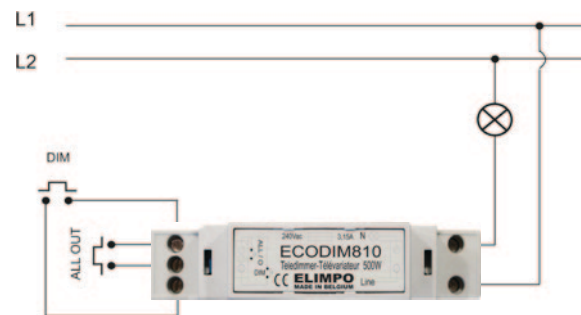
### Features

- new technology
- dimmable charge up to 500W
- fit vor a wide variety of loads
- telebreaker function
- ALL-OUT function
- room function
- no need for extra power supply
- compact dimensions, 1 module
- ideal for new constructions/installations
- with or without memory
- 2 year warranty



### Technical specifications

connection	screw connector
power	max. 500W
temperature	fully charged Tc 65°C
dimensions	1 DIN-module
weight	95gr
protection	glas fuse: MAX 3,15A
installation	DIN-rail
load	light bulbs, dimmable (leading edge) electronic and wired transformers, small fans
control	standard push button, relais



# ECO-SERIES 800

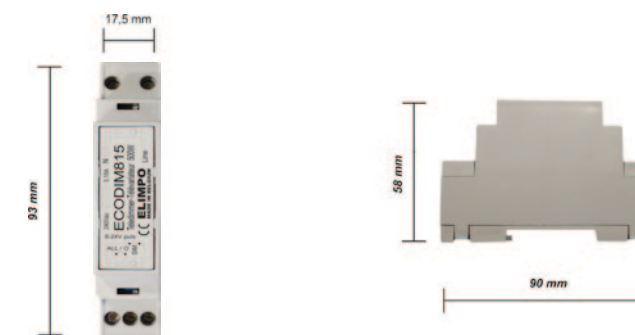
Triac Remote Technology

## ECODIM815

Modular tension-controlled remote dimmer for 500W

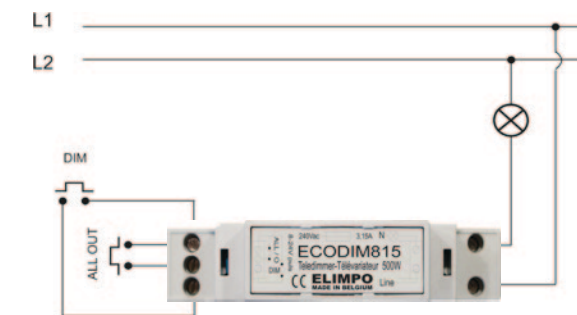
### Features

- new technology
- dimmable charge up to 500W
- control/command puls 12-24Vac/dc
- telebreaker function
- ALL-OUT function
- room function
- galvanic separation of control/command and load
- compact dimensions, 1 module
- ideal for new constructions/installations
- with or without memory
- 2 year warranty



### Technical specifications

connection	screw connector
power	max. 500W
temperature	fully charged Tc 65°C
dimensions	1 DIN-module
weight	95gr
protection	glas fuse: MAX 3,15A
installation	DIN-rail
load	light bulbs, dimmable (leading edge) electronic and wired transformers, small fans
control	puls 12-24Vac/dc



## ECODIM820 - ECODIM821



### Modular remote dimmer 750W

#### Description

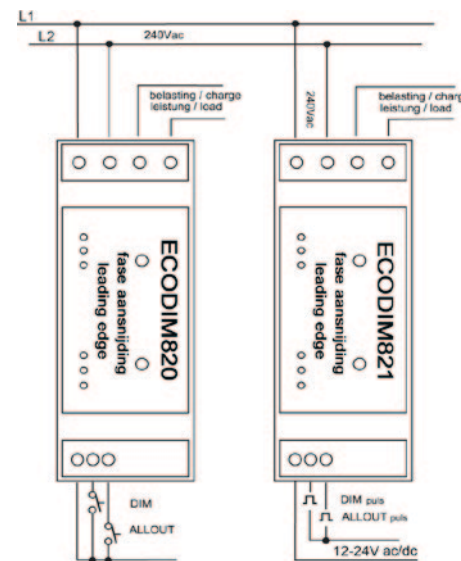
- Leading edge dimmer
- Suitable for light bulbs and wire-wound transformers, dimmable halogen 230V, dimmable "leading edge" electronic transformers
- Operation/control electrically insulated from the mains
- Operation with potential-free button (ECODIM820)
- Operation with 12-24Vac/dc pulse (ECODIM821)
- Suitable for up to 750W

#### Functions

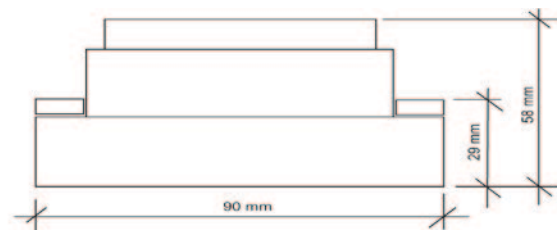
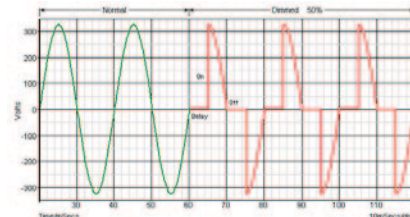
- Memo function
- Room function
- Adjustable dimming speed
- General switching on
- Delayed switching off (3min)

#### Technical specifications

Principle	Triac controlled /leading edge
Connection	Screw connector
Output	Up to 750W
Temperature	At full load Tc 60°C
Dimensions	2 DIN modules wide, 35mm
Weight	205g
Safety	Microprocessor-controlled thermal protection
Installation	On DIN rail
Load	650W dimmable "leading edge" electronic transformers or wire-wound transformers 750W light bulb
Operation	Standard potential-free push button (ECODIM820) Pulse 12-24Vac/dc (ECODIM821) Special functions: Memo, dimming speed, ... are to be found under the front panel



Phase attack (leading edge) principle



## ECODIM822 - ECODIM823



### Modular remote dimmer 750W

#### Description

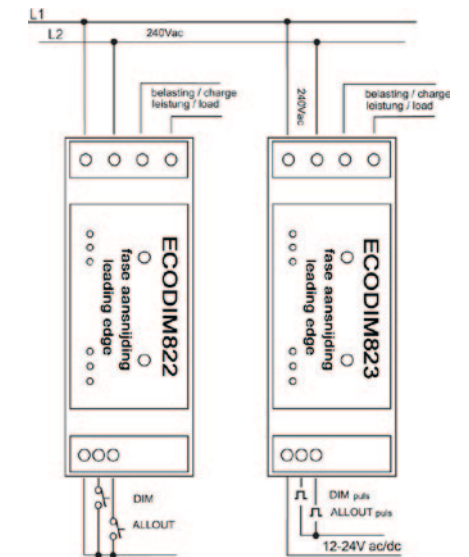
- Leading edge dimmer
- Suitable for light bulbs and wire-wound transformers, dimmable halogen 230V, dimmable "leading edge" electronic transformers
- Operation/control electrically insulated from the mains
- Operation with potential-free button (ECODIM822)
- Operation with 12-24Vac/dc pulse (ECODIM823)
- Suitable for up to 750W

#### Functions

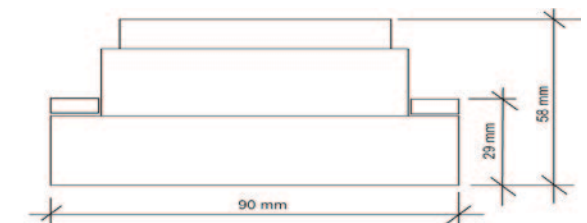
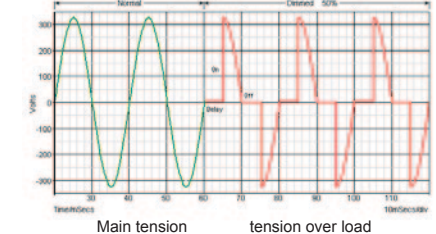
- Memo function
- Room function
- Burglar or alarm function
- Delayed dimming
- Adjustable dimming speed
- General switching on (individually programmable)
- General switching on/off
- Delayed switching off (3min)

#### Technical specifications

Principle	Triac controlled /leading edge
Connection	Screw connector
Output	Up to 750W
Temperature	At full load Tc 60°C
Dimensions	2 DIN modules wide, 35mm
Weight	205g
Safety	Microprocessor-controlled thermal protection
Installation	On DIN rail
Load	650W dimmable "leading edge" electronic transformers or wire-wound transformers 750W light bulb
Operation	Standard potential-free push button (ECODIM822) Pulse 12-24Vac/dc (ECODIM823) Special functions: Memo, dimming speed, ... are to be found under the front panel



Phase attack (leading edge) principle





## ECODIM920 - ECODIM921

## ECODIM922 - ECODIM923



### Modular remote dimmer 400W

#### Description

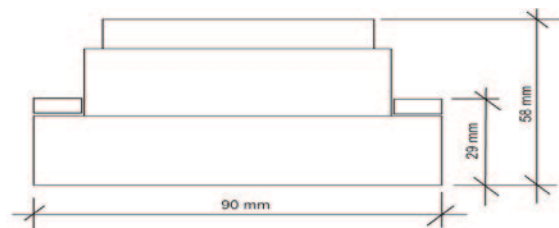
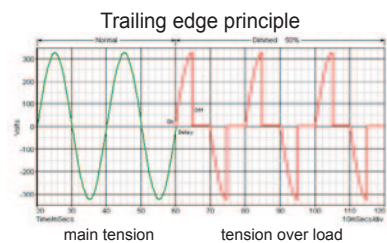
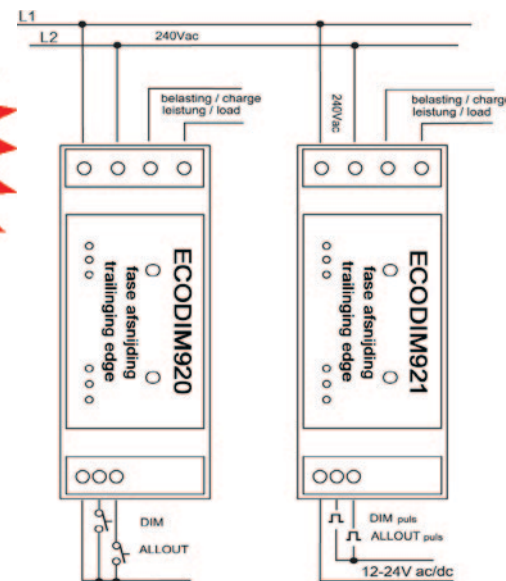
- Trailing edge dimmer
- Suitable for **dimnable energy saving lamps and dimmable LED 230Vac**, dimmable halogen 230V, dimmable "trailing edge" electronic transformers
- Operation/control electrically insulated from the mains
- Operation with potential-free button (ECODIM920)
- Operation with 12-24Vac/dc pulse (ECODIM921)
- Suitable for up to 400W

#### Functions

- **ECO function for dimming energy saving lamps (ESL)**
- Memo function
- Room function
- Adjustable dimming speed
- General switching off
- Delayed switching off (3min)

#### Technical specifications

Principle	mosfet controlled /trailing edge
Connection	Screw connector
Output	Up to 400W
Temperature	At full load Tc 65°C
Dimensions	2 DIN modules wide, 35mm
Weight	205g
Safety	Microprocessor-controlled thermal protection
Installation	On DIN rail
Load	300W dimmable "trailing edge" electronic transformers <b>200W dimmable energy saving lamp and dimmable LED 230Vac (max 15 pieces)</b>
Operation	400W dimmable halogen 230V and light bulbs Standard potential-free push button (ECODIM920) Pulse 12-24Vac/dc (ECODIM921) Special functions: ECO function, Memo, dimming speed, are to be found under the front panel



### Modular remote dimmer 400W

#### Description

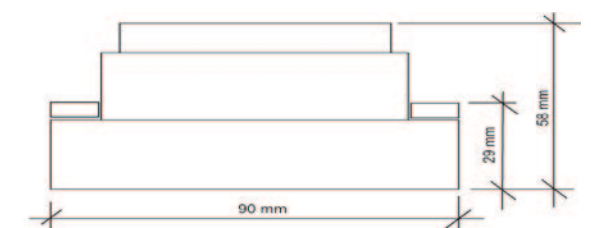
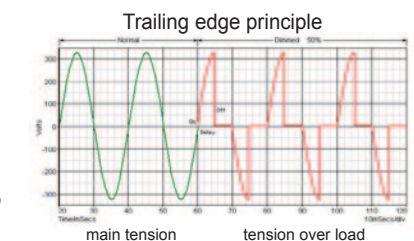
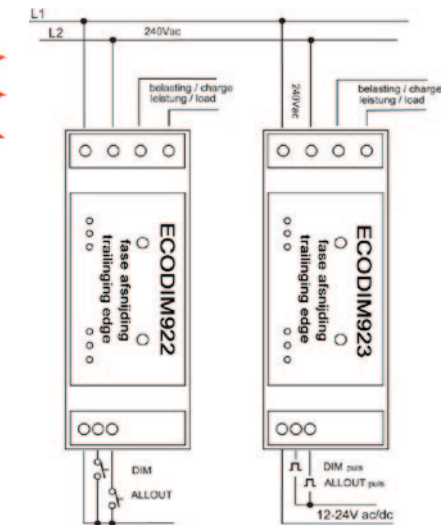
- Trailing edge dimmer
- Suitable for **dimnable energy saving lamps and dimmable LED 230Vac**, dimmable halogen 230V, dimmable "trailing edge" electronic transformers
- Operation/control electrically insulated from the mains
- Operation with potential-free button (ECODIM922)
- Operation with 12-24Vac/dc pulse (ECODIM923)
- Suitable for up to 400W

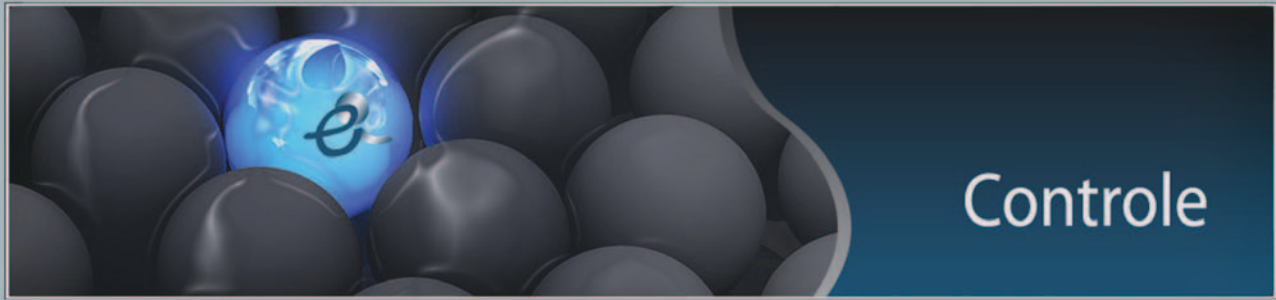
#### Functions

- **ECO function for dimming energy saving lamps (ESL)**
- Memo function
- Room function
- Burglar or alarm function
- Delayed dimming
- Adjustable dimming speed
- General switching on (programmable)
- General switching on/off
- Delayed switching off (3min)

#### Technical specifications

Principle	mosfet controlled /trailing edge
Connection	Screw connector
Output	Up to 400W
Temperature	At full load Tc 65°C
Dimensions	2 DIN modules wide, 35mm
Weight	205g
Safety	Microprocessor-controlled thermal protection
Installation	On DIN rail
Load	300W dimmable "trailing edge" electronic transformers <b>200W dimmable energy saving lamp and dimmable LED 230Vac (max 15 pieces)</b>
Operation	400W dimmable halogen 230V and light bulbs Standard potential-free push button (ECODIM922) Pulse 12-24Vac/dc (ECODIM923) Special functions: ECO function, Memo, dimming speed, are to be found under the front panel





## Elimpo NV

### Development, manufacturing and sales of a range of our own products

#### Elimpo products:

Elektronic devices for the control of modern lighting and domotics.

While developing the products, our goal is to offer the end-user as many modern plug and play devices as possible to ensure a comfortable and easy installation and usage.

We try to keep costs low as modern installations require more and more comfort, high quality and energy-saving characteristics.

We keep a simple and easy installation in mind when we develop new products we offer on the market.

Therefor our contacts with suppliers and users will always remain very important to us.

#### Import:

Elimpo is exclusive importer for Belgium, Luxemburg and France of the products from NZR ([www.nzr.de](http://www.nzr.de)) and T.I.P. (Thüringer Industrie Produkte). Especially counters, coin devices and energy meters find their way to the supplier and the specialised user.

#### Customers:

Technical suppliers/distribution, with stock facility and technical support for their customers; the electro-technician.



Elimpo nv - Venecolaan, 3 - B-9880 Aalter - Belgium

telephone +32 9 325 97 97      telefax +32 9 325 97 90

<http://www.elimpo.com>      contact: [info@elimpo.com](mailto:info@elimpo.com)