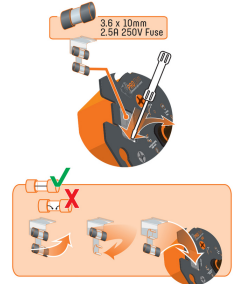**Exchangeable fuse system**

0190062   Universal Dimmer - PD450 - Auto leading/trailing edge - 2-way

- Automatic detection of load type and switch to either leading or trailing edge mode
- Overheating and overload protection
- Automatic waveform correction and soft start

Easily control the brightness of your lights and create the perfect light for every occasion with the high-power universal dimmer.

The dimmer automatically detects the load type and switches to either leading or trailing edge mode. In addition, the waveform is automatically corrected to prevent voltage and current pulses. The minimum brightness is adjustable as well.

In addition, the dimmer is protected against overheating and overload and includes a soft start which automatically lowers the inrush current.

The dimmer dims noise-free and the lights will not flicker when there is switched on and off or toggled between different power sources. Besides that, the dimmer has a wide input frequency range and is compatible with most covers and knobs in Europe with use of complementary accessories.

Lamps can be dimmed from 0-100%. The dimmer has low built-in dimensions and the dimmer includes clamps. It is made of flame retardant material and for installation no neutral wire is necessary.

This product is exclusive for the wholesaling market.

General

Brand	ProDim
Collection	Functional
Manual language	Dutch, English, French, German, Spanish
Package content	Wall plate adapters
PLC Status	Phase out
Warranty	5-Year

(Smart) Dimming and Switching

Compatible with	2-wire systems, 3-wire systems
Min. depth of built-in installation box	30 mm
Fits to European Flush boxes	Yes
Memory function (color/dim)	Yes
Neutral required	No

Electrical

Load type	Capacitive, Inductive, Resistive
Input voltage.	220 — 240 V

Voltage type	AC
Input frequency	50/60 Hz
Power factor	0.95
Input current.	2300 — 2300 null
Safety class	II
Type of dimming	Leading-edge, Trailing-edge

Performance

IP Rating	IP20
Operating Temperature	-10 — 40 °C
Max. load LED (VA)	500 VA
Max Load LED (@PF 0.5)	250 W
Max Load LED (@PF 0.9)	450 W
Max. load INC/HAL (W)	500 W

Mechanical

Conductor cross section	2.5 mm^2
Article length	70 mm
Article width	37 mm
Article height	70 mm
Article net weight	85 g
Built-in length	51 mm
Built-in width	51 mm
Built-in height/depth	24 mm
Housing material	Aluminum, Plastic
Color housing	Grey, Orange
Connection type	Screw

Logistic Data

Packaging length	8.5 cm
Packaging width	6 cm
Packaging height	8.7 cm
Packaging gross weight	114 g
EAN Product	8720246202861
Packaging paper material weight	26 g
Packaging plastic material weight	3 g
Master carton length	36 cm

Master carton width	35 cm
Master carton height	30 cm
CBM master carton	0.0378 m³
Master carton quantity	60
Master carton gross weight	7.7 kg
Master carton paper material weight	2444 g
Master carton plastic material weight	156 g
Country of Origin	CN
HS Code	8536508090

View on the website: www.shada.nl/p/0190062