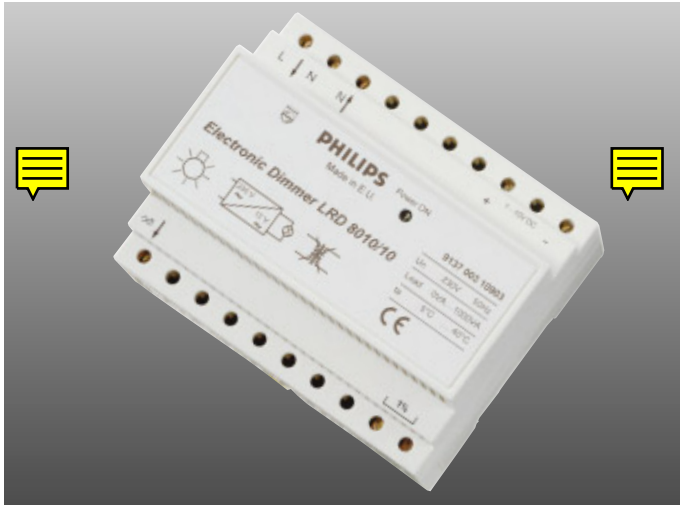


LRD 8010/10 - Light regulator for GLS and electronic LV halogen transformers



Product details

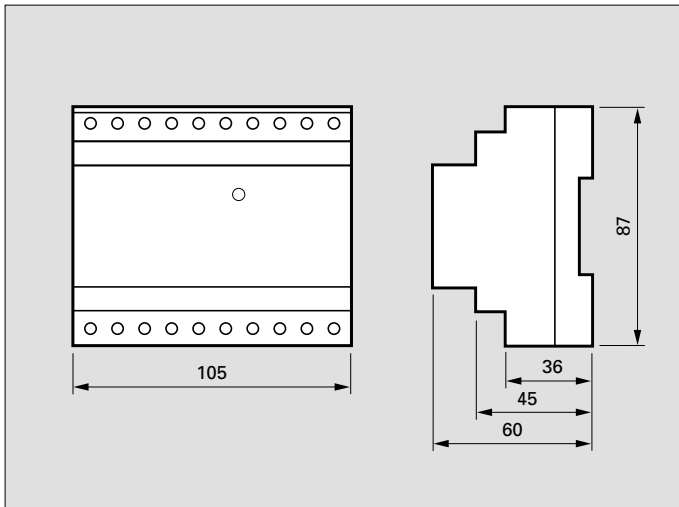
- A light regulator for incandescent lamps, high-voltage halogen lamps and low-voltage halogen lamps with electronic transformers. Low-voltage halogen lamps with conventional transformers cannot be regulated by the LRD 8010 (refer to the LRD 8000 light regulator).
- The unit is suited for loads up to 1000 VA.
- The standard 1 to 10 volt DC control interface has a linear "control voltage - to - light output" curve, especially suited for Philips Lighting control products.
- Double insulation between mains and control voltage.
- The screw type connector blocks are suitable for solid and stranded wires with cross-sections between 1.5 and 2.5 mm².
- A minimum light output level of 1% instead of 10% of maximum light output can be selected with an additional external bridging wire.
- Self-recovering electronic protection against any overload condition (including short-circuit) at the output terminal.

- A visible "power on" LED indicates the power status of the unit.
- The unit's "circuit-breaker" type housing is intended for 35mm DIN rail and must be mounted horizontally on a back panel in mains installation cabinets or similar. The housing material is PC (white) and has a flame rating of V0 (glowwire test 890°C).

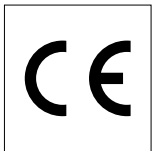
Applications

- The LRD 8010 light regulator is used for regulating incandescent lamps, high-voltage halogen lamps and low-voltage halogen lamps with electronic transformers.

Note: In case of low voltage halogen lamps the max. load of 1000 VA corresponds to the total system load, so including losses in the transformers. For reliable start-up the total lampload should be restricted to approx. 800 VA max.



Dimensions in mm



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LRD 8010/10 - Light regulator for GLS and electronic LV halogen transformers

Related equipment

- Manual potentiometer LPS 100
- Lighting control equipment HELIO, TRIOS, SCENIO

Technical data

- Environmental conditions
 - Operating conditions
 - Temperature 5°C to 40°C
 - Relative humidity 15% to 90%, no condensation
 - Storage conditions
 - Temperature -20°C to 70°C
 - Relative humidity 5% to 95%
- Mains supply 230V/50Hz, <15 watt (excl. load)
- Output 230V, max. 1000VA
- Minimum load 0VA (150VA for an accurate dim curve at low level)
- Type of load incandescent or high-voltage halogen lamps, low-voltage halogen lamps with suitable electronic transformers, inductive loads not allowed.
- Control input 1 to 10 volts DC, 0,5 mA max. (sourcing)

Packing data

Type	Box dimensions mm	Material	Qty	Weight (kg)		Volume dm ³
				net	gross	
Unit box	109 x 93 x 67	cardboard	1	0,480	0,545	0,69
Outer box	295 x 200 x 195	cardboard	12	5,760	6,825	11,50

Ordering data

Type	MOQ	Ordering number	EAN code level 1	EAN code level 3
LRD 8010/00	1	9137 003 04601	87 11559 515731	87 11559 748

LRD 8010/10 - Light regulator for GLS and electronic LV halogen transformers

3222 636 30031
01/99
Printed in the Netherlands
Data subject to change
<http://www.lighting.philips.com>

Related documentation

Installation instructions LRD 8010

HELIO System Handbook

SCENIO System Handbook

TRIOS System Handbook

LCH 5900/00 (English)

LCH 1599/00 (English)

LCH 1099/00 (English)

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