

DALI Trailing Edge Dimmer

The PL733-L offers a flexible DALI controlled trailing edge phase dimming solution.

Electronic trailing edge dimmer for incandescent lamps, electronic transformers and line voltage LED lamps.



Key Features

- DALI trailing-edge phase dimming
- 300W Max load
- Short Circuit protection & overload protection

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Specification

input: L, N	
input type	mains
marking terminals	L, N
rated input voltage	230Vac
input voltage frequency	50Hz
max. input power	300W

input: DA, DA	
input type	DALI, supply
marking terminals	DA, DA
input voltage range	9,5V ... 22,5V
max. current consumption DALI	6mA
number of DALI addresses	1

output: L', N	
output type	trailing/leading edge phase cut of mains
marking terminals	L', N bzw.
output voltage	230Vac, like input
phase cut angle	0°-180°
output voltage frequency	50Hz, like input
max. output current	1.45A Eff ac
load range	10-300W
max. length between device and luminaire	50m

Insulation data:	
impulse voltage category	II
pollution degree	2
rated insulation voltage	250V
insulation DALI (DA+,DA-) / (L/N/L')	reinforced isolation
insulation test voltage	3000Vac

environmental conditions:	
storing and transportation temperature	-20°C ... +75°C
operational ambient temperature	-20°C ... +60°C
Rel. humidity, none condensing	15% ... 90%

general data:	
dimensions (l x w x h)	120x30x22mm
mounting	remote ceiling, integration in protection class II devices
rated max. temperature tc	65°C
expected life time @tc	50.000 h
protection class	II in intended use
protection degree housing	IP40
protection degree terminals	IP20

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