

HENNING LIGHTWATCHER



Part No. 460000
Henning LIGHTwatcher

Technical Data

Power supply voltage	110 V AC
Power consumption	2 VA
Relays	3
Max. switching voltage	250 V AC
Max. peak current	15 A
Max. rated current	10 A
Max. rated load (resistive)	2500 V A
Min. switching load	0.3 W
Additional inputs	4
Control voltage	12 V - 230 V AC/DC
Dimensions (L x W x H)	106 x 90 x 58 mm
Time period, if adjustable	1 min to 10 min

Product Description

Elevator cab lighting can be a serious energy waster. In fact, it's estimated that more than 40% of the overall power consumption of elevators is wasted by standby functions—up to 1/3 of which is cab lighting.

The **LIGHTwatcher**, brought to you by Wurtec and Henning, saves energy and money by automatically activating and deactivating cab lights as needed.

The LIGHTwatcher installs directly on the car roof or cabin fixture panel and senses movements of the elevator door as well as the opening and closing of the car doors. After a user-defined period has lapsed with no movements detected, the LIGHTwatcher turns off the cab lights.

To install, simply cut the lighting branch circuit and place the LIGHTwatcher—no further wiring required.

In addition to controlling the lighting, the LIGHTwatcher can automate one other application. It also has a third contact to switch on an application while in low-power mode, e.g., emergency illumination.

If other sensors are needed for special applications, four potential free inputs are available.

Key Features

- **Easy, quick installation** in the lighting-branch circuit
- **Adjustable timer** can be set to meet ASME code requiring a wait of 5 minutes
- **4 inputs** for verifying the 4 requirements by ASME A17 before shutting off cabin illumination
- Up to 65% energy savings

Power consumption per year (w/ cabin light on throughout)	Total usage (kWh)	Potential savings		Percent savings
		(kWh)	(annual US \$)	
Fluorescent (128 W 4-bulb fixture)	1121 (\$116.61)	735	\$76.38	65.50%
Halogen lamps (150 W per bulb)	5256 (\$546.62)	3491	(\$363.05)	66.40%
Energy price assumption: US national average \$0.104 per kWh				
Cabin lighting on 24/7				