

LSS



PowerSwitch T

The LSS PowerSwitch T is a NonDim plug-in module for upgrading older dimmer racks. With the switching module, dimming channels can be easily converted into non-dim circuits and integrated into existing lighting systems. In this way, switchable devices are easily integrated into the lighting system. The PowerSwitch T supports all features of the control unit of the dimmer rack.

The LSS PowerSwitch T is available in three performing levels: 2.5 kW, 5 kW or 10 kW. Each switching module has a bistable, polarized relay. These relays do not require any holding current and can also safely switch large load currents. The switching position of the relay can either be controlled via the control unit of the dimmer rack or switched manually.

The LSS PowerSwitch T supports current monitoring (SKI) and relay and voltage monitoring (SKU) through the control unit of the dimmer rack. In addition, the switching modules have temperature monitoring with warning and switch-off thresholds. In the case of plug-in modules with an output of 10 kW, these and other values can also be shown on the display.

Technical specifications:

Design	Ready-to-use device for insertion into older dimmer racks
Performing levels	<ul style="list-style-type: none"> • 1 x 2,5 kW (230 V AC / 16 A) • 1 x 5 kW (230 V AC / 25 A) • 1 x 10 kW (230 V AC / 50 A)
Power supply	Via dimmer racks
Current monitoring SKI	Minimum load current 0,2 A (measuring inaccuracy: max. \pm 0,5 A)
Voltage monitoring SKU	Switch-on monitoring relay with output voltage applied at the same time
Behavior at over temperature	Warning, shut off (temperature values are preset)
Display	Seven-segment display for <ul style="list-style-type: none"> • current measuring results in 0,1 A steps • errors • DMX settings (PowerSwitch T 10 kW DMX only)
Switches	<ul style="list-style-type: none"> • relay switch front side • on board for measurement calibration (PowerSwitch T 2,5/5 kW kW only)
Plug ins	Dimmer rack: plug in on board DMX: plug in on board (PowerSwitch T 10 kW DMX only)
Relays 10 kW	Bistable relays Max. switch current: 120 A Max. switch voltage: 276 VAC Min. operations: 100.000 (mech.) 100.000 (elect.)
Relays 2,5 kW/ 5 kW	Bistable relays Max. switch current: 50 A Max. switch voltage: 440 VAC Min. operations: 100.000 (mech.) 100.000 (elect.)

Operating temperature	0 °C to 40 °C (32 °F to 104 °F), not condensed	
IP code / Protection class	IP 00 / Class I	
Dimensions front	The width of the front panel varies depending of the model:	
	2,5 kW	2 U
	5 kW	4 U
	10 kW	8 U
	High of all models:	3 U
Order number	2,5 kW	5412
	5 kW	5411
	10 kW	5410