

LSS



PowerSwitch 12 x 10A 12-fold 10A actuator for DMX512

The LSS PowerSwitch 12 x 10A is a switch assembly with bistable, polarized relays in a compact design. With it up to twelve independent resistive, inductive or capacitive loads can be switched. Each channel can supply loads up to 2500VA at 230V. Every switching status of each channel can be read directly on the relay.

The LSS PowerSwitch 12 x 10 is controlled via two electrical isolated, merged DMX512 connectors (according to USITT and ANSI E1. 11). The data of the two DMX inputs are always HTP merged. For the case of signal reception failure the actuator can be configured, to hold the last received signal (HOLD) or to switch all relays off or on.

The relays of the LSS PowerSwitch 12 x 10 can be also manually switched by hand directly on the device.

The design of the LSS PowerSwitch 12 x 10 for top hat rails (DIN-rails) simplifies the installation in switch cabinets or offset boxes. The actuator is specifically designed for 90° operation.

Technical specifications:

Connectors	DMX: RJ45 connector Power supply: PHOENIX connector Loads: Terminal stripes up to 4,0 mm ²
Indicator	LED indicators for conditions (Power, DMX)
Switch power	Bulb: 2500 W Fluorescent tube not compensated: 2500W Fluorescent tube parallel compensated: 1300 W/200 µF Halogen bulb (230V AC): 2500 W Low voltage halogen bulb with transformer: 500 VA Mercury/sodium vapour lamp: 2000 W Dulux lamp not compensated: 1600 W Dulux lamp parallel compensated: 1100 W/140 µF For each load, pay attention of cos φ!
Power supply	24 V DC 10...30 V DC
Power loss at 20A load	12,0 W
Operating temperature	0 °C to 40 °C (32 °F to 104 °F), non-condensing
IP Code	IP 20
Dimension (W x D x H)	180 x 70 x 90 mm
Weight	500 g
Order number	5049