

LSS



PowerSwitch 12 x 20A

Twelfold switching actuator 20A for DMX512 and PROFIBUS

The *PowerSwitch 12 x 20A* is a switch assembly with bistable, poled relays in a compact design. With it up to twelve independent resistive, inductive or capacitive loads can be switched. Each channel can supply resistive loads up to 4600W (2000VA inductive and 2500W capacitive loads) at 230V AC. Every switching status of each channel can be read directly on the switch actuator.

The input control of the *PowerSwitch 12 x 20A* is done with Profibus (IEC 61158 / IEC 61784) or DMX512. So the switching actuator supports the two most popular control protocols in lighting and wiring installation. The *PowerSwitch 12 x 20A* is also equipped with a comfortable configuration. The front panel configuration switches will be set the DMX / Profibus start addresses, the switching behaviour at DMX signal loss and the termination of Profibus. In addition, the switching relays can also be switched manually directly on the device.

The *PowerSwitch 12 x 20A* is designed for installation in electrical control cabinets and junction boxes. For that he is equipped with a socket for DIN rail.

Technical specifications:

Connectors	PROFIBUS: M12-Connector DMX: Screw terminal up to 1,0 mm ² Power Supply: Screw terminal up to 2,5 mm ² Load: Screw terminal up to 4,0 mm ²
Display	Operating status via LED (Power, DMX, Profibus)
Switching capacity	230V / 20A AC resistive loads: up to 4600W Inductive loads: up to 2000VA Capacitive loads: up to 2500W (200µF) For each load, pay attention of cos φ!
Power supply	24V DC Operating current: < 2,0A Quiescent current: < 0,1A
Power loss at 20A load	16,0W
Operating Temperature	0° to 40°C respectively 32° to 104°F, non-condensing
Ingress Protection Rating	IP 20
Dimensions	(L x W x H in mm) 217 x 65 x 100
Weight	800g
Order Number	5048