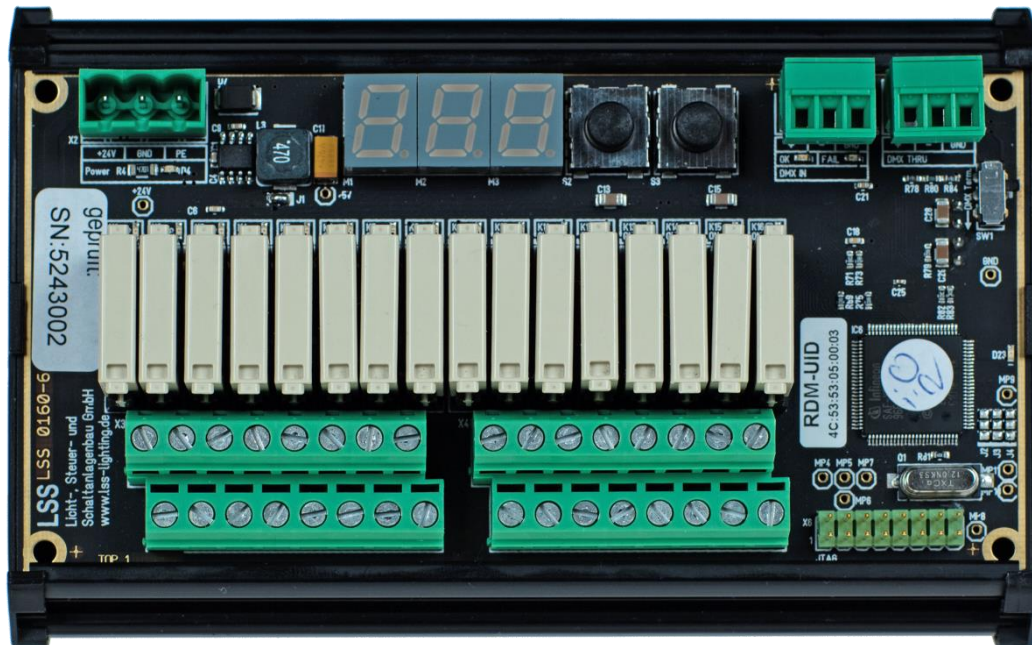


LSS



DMX 16-channel relay PCB Analog switching module with mono-stable relay and DMX / RDM control

The LSS DMX 16-Channel Relay PCB is a switch assembly with mono-stable relays. Up to 16 independent loads can be switched at the same time.

The PCB is controlled via DMX and supports RDM (according to ANSI E1.20 2010 + E1.37). The 3pin DMX-In connector is isolated and connected directly to a DMX THRU connector. This allows a simple linking of several devices. To terminate the DMX signal, the switch module has a manually switchable DMX terminator.

The loads are connected via terminal blocks for wire cross-sections of up to 1.5 mm². The module is parameterized either locally by using two push-buttons and the seven-segment display or via “DMX Workshop” by Artistic License.

The LSS DMX 16-channel relay PCB is designed for mounting on a 35mm DIN rail (DIN EN 50022).

Technical Specifications:

Terminal blocks and wire cross sections	Terminal	Rigid in mm ²	Flexible in mm ²	Wire ferrule in mm ²	
				Uninsulated	Insulated
	DMX	0,14...1,5	0,14...1,5	0,25...1,5	0,25...0,5
	Power	0,2...2,5	0,2...2,5	0,25...2,5	0,25...1,5
	Loads	0,1,4...1,5	0,14...1,5	0,25...1,0	0,25...1,0

Relays

Rating (resistive)	3A / 250 V AC 3A / 30 V DC
Maximum Switching Power	750 VA / 90 W
Maximum Switching Voltage	270 V AC / 150 V DC
Minimum Switching Load	1 mA / 5 V DC

Power

Operating Power	24 V DC (±10%)
Power Input	Quiescent: 1 W Switch on: 5 W (max.)

DMX-Protocol

DMX	USITT 1990, DIN 56930-2, ANSI E1.11
RDM-Net	ANSI E1.20 - 2010 ANSI E1.37-1 - 2012

Displays	4x LED und seven-segment display
Ambient temperature	0 °C to 40 °C
Operating temperature	0 °C to 70 °C
RoHS	Compliant

Dimensions (L x W x H in mm)	141 x 90 x 57 mm
Weight	250 g
Installation	35 mm DIN rail (DIN 50022), vertical standard distance 150 mm
Order number	5243