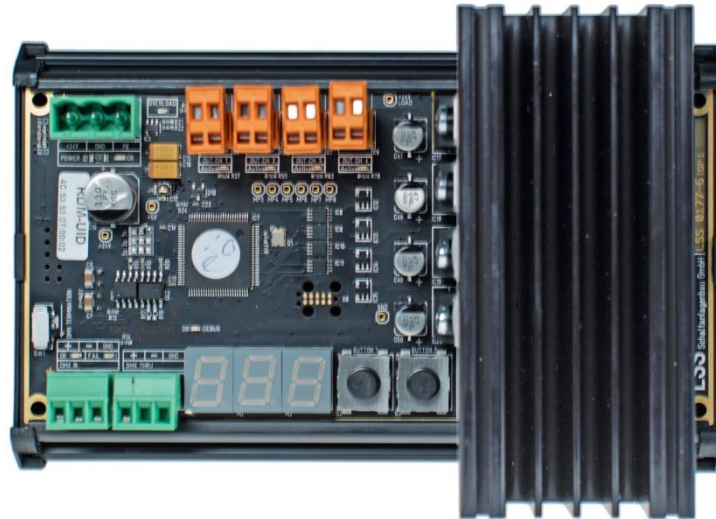


LSS



4-Channel KBL-Dimmer

Analog dimmer with four dimmer channels for 24V LED lights with DMX / RDM control, power and heat monitoring

The LSS 4-Channel KBL-Dimmer is a four-channel analog dimmer for controlling and supplying LED lights with a 24 V DC supply voltage. The analog dimmer provides a nominal output current of up to 0.75 A. This means, for example, that up to 37 standard LSS KBL lights can be supplied and controlled with 0.02 A. The KBL lights can be distributed with the connections as desired or only connected via one connection.

The analog dim method of the LSS 4-Channel KBL-Dimmer enables the use of unshielded and long cables (note the voltage drop depending on the cable cross-section used!). No interferences from media (video, sound, etc.) or EMC incompatibilities are caused. The simultaneous installation of the lighting cables with other media cables is possible.

The LSS 4-Channel KBL-Dimmer is controlled via DMX and supports RDM (according to ANSI E1.20 2010 + E1.37). The DMX-In is electrically isolated and takes place via a 3-pin connector. An additional DMX-THRU connection enables the simple chaining of several devices. To terminate the DMX signal, the dimmer has a DMX terminator that can be switched on and off.

The four dimmer channels are equipped with terminals for cables with a cable cross-section of up to 1.5 mm² and can be parameterized together or separately. There are three dimmer curves and various DMX settings available.

The LSS 4-Channel KBL-Dimmer has a current monitor with an adjustable switch-off threshold. Also, it has temperature measurement and monitoring as well as short-circuit detection and short-circuit protection

The LSS 4-Channel KBL-Dimmer can be parameterized locally using two pushbuttons and the seven-segment display, or via a network using DMX Workshop by Artistic License.

The LSS 4-Channel KBL-Dimmer is intended for mounting on a 35mm DIN rail (DIN EN 50022).

Terminals and cable cross-sections	Terminal	Rigid in mm ²	Flexible in mm ²	Electric wire ferrule in mm ²	
				Uninsulated	Insulated
	DMX	0,14...1,5	0,14...1,5	0,25...1,0	0,25...1,5
	Power Supply	0,14...2,5	0,14...2,5	0,25...2,5	0,25...1,5
	LED-Connector	0,20...1,5	0,20...1,5	0,20...1,5	0,20...1,0
DMX	USITT 1990, DIN 56930-2, ANSI E1.11				
RDM-Net	ANSI E1.20 - 2010 ANSI E1.37-1 - 2012				
Power Supply	Voltage: 24 V DC (±10%) Power consumption load: max. 0,83 A Power consumption idle: max. 0,08 A				
LED & display device	4x LED and seven-segment display				
Ambient temperature	0 °C to 40 °C				
Operating temperature	0 °C to 70 °C				
IP Code	IP 00				
RoHS	conform				
Dimensions (L x W x H in mm)	147 x 70 x 100 mm (cooler included)				
Weight	380 g				
Montage	DIN-rail 35 mm (DIN 50022), vertical standard distance 150 mm				
Order number	5258				