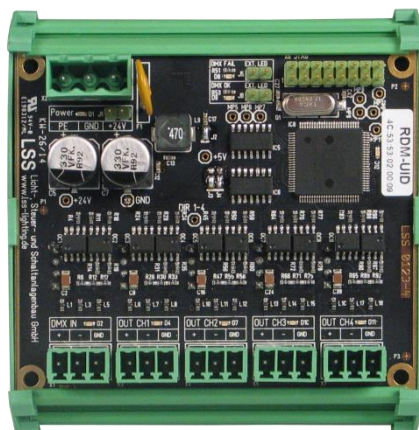


LSS



DMX-RDM Booster 1 in 4 V.2

The *LSS DMX-RDM Booster 1 in 4 V.2* is a booster and distributor for DMX signals: Incoming signals are boosted and distributed to four independent outs. The Input and all output are electrical isolated and have an EMC protection circuit. The *LSS DMX-RDM Booster 1 in 4 V.2* can be installed easily and quickly directly on a subplate by using bolts or on a DIN rail with a PHOENIX mount. For operating a 24V DC power supply is needed.

The *LSS DMX-RDM Booster 1 in 4 V.2* supports RDM (according to ANSI E1.20 2006 + E1.37). Within the RDM network, the DMX-RDM Booster is an in-line device with its own user interface device. It always directs RDM requests from the DMX-In to all Outs and handles responses depending on the RDM request:

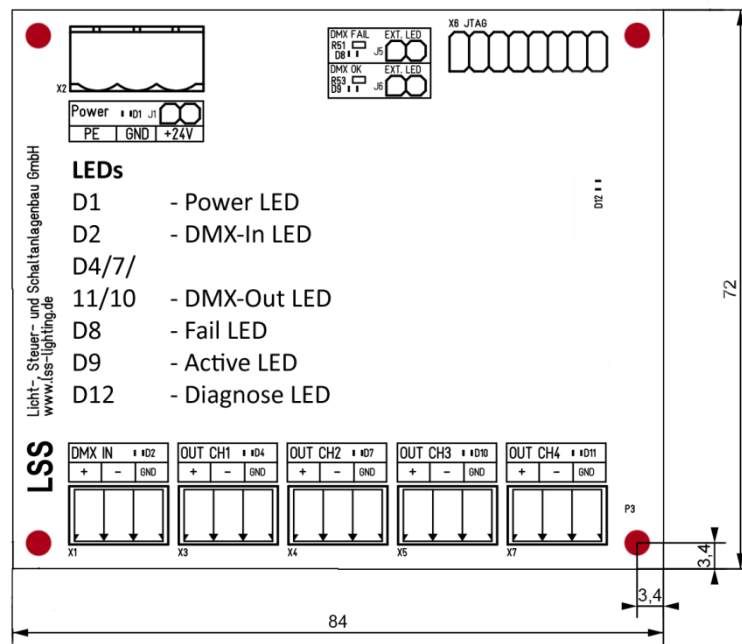
Request	Response Handling
UNIQUE_BRANCH	Responses from all DMX outputs are added and transmitted to the DMX-In.
All other directed requests	Only the responses of the responding DMX-Out, i.e. of the responding device, are passed to the DMX-In.
Request on the Booster	If only the response is responded, RDM data will be sent via the DMX-In.
BROADCAST-REQUESTS	"Wrong" responses are already blocked in the booster.

The *LSS DMX-RDM Booster 1 in 4* does not require any further configuration.

Technical Specifications:

DMX-In	1x Connector PHOENIX 3.81 mm, electrical isolated
DMX-Out	4x Connectors PHOENIX 3.81 mm, electrical isolated.
Power supply	12 – 28V DC, max. 1A
Operating temperature	0° - 40°C/ not condensed
RoHS	Conform
Dimensions	84 x 72 x 55 (W x H x D in mm incl. DIN rail mount)
Weight	850 g
Order number	5222

Connections



LED signals

LED	Pos.	colour	Meaning
Power	D1	Green	24V DC power supply present
Diagnose	D12	Yellow	Blinking 1/s, device is running
Active	D9	Green	On: DMX-In running
Fail	D8	Red	Blinking: DMX-In incorrect protocols Flash: Flash-Error, call service Special: D9 & D8 flicker: Software update via RDM
DMX-In	D2	Yellow	RDM-Traffic
DMX-Out	D4/7/10/11	Yellow	One LED on: RDM traffic with a device in the universe All LED on: Discovery running