

DMA6-RDM

6 Channels DMX/RDM Signal Amplifier

Feature

- One DMX512/RDM signal input, six DMX512/RDM signal output.
- Dedicated to amplify, distribute and insulate the signal that comes from the lighting system equipment when it is connected to the bus of DMX512/RDM(or RS-485).
- Extend the transmission distance of DMX/RDM signals.
- Supports bi-directional communication for addressing and controlling RDM devices.
- The input terminal and output terminal are optically isolated from each other, and each output terminal is also optically isolated from each other. Avoiding damage to equipment due to incorrect wiring, also prevents signal interference between devices.
- 8 LED indicators for power in, DMX in and DMX output status.

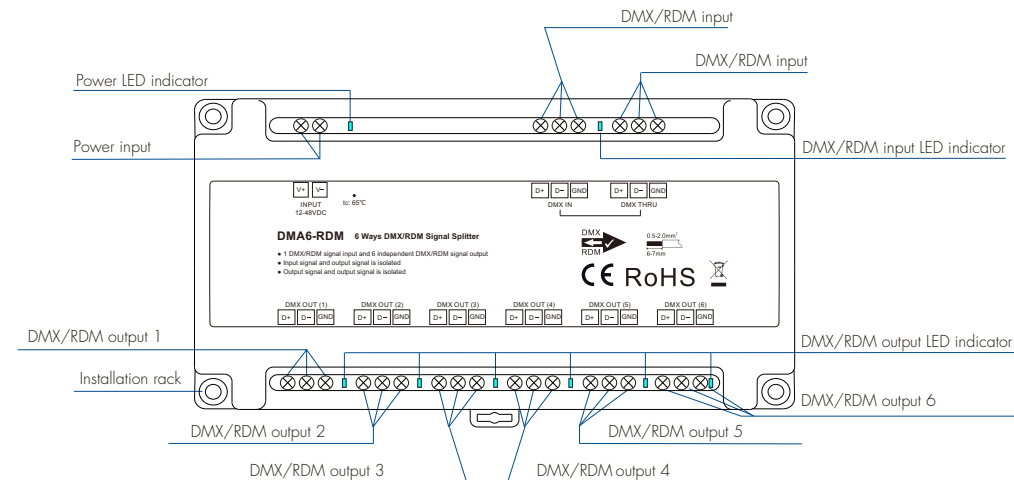


CE RoHS

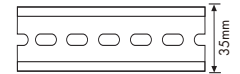
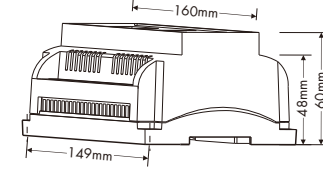
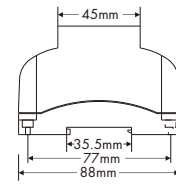
Technical Parameters

Input and Output		Environment	Safety and EMC/Warranty and Protection	
Input voltage	12-48VDC	Operation temperature	Ta: -20℃ ~ +55℃	EMC standard
Input current	0.25A MAX	Case temperature [Max.]	Tc: +65℃	EN IEC 55015 EN IEC 61547 ETSI EN 301 489-1/-3
Input signal	DMX512/RDM	IP rating	IP20	Safety standard
Output signal	DMX512/RDM x 6	Package		EN 61347-1/-2
			Certification	CE ROHS
			Warranty	5 years
		Size	L165x W98 x H72mm	Protection
		Gross weight	0.27kg	Reverse Polarity

Mechanical Structures and Installations

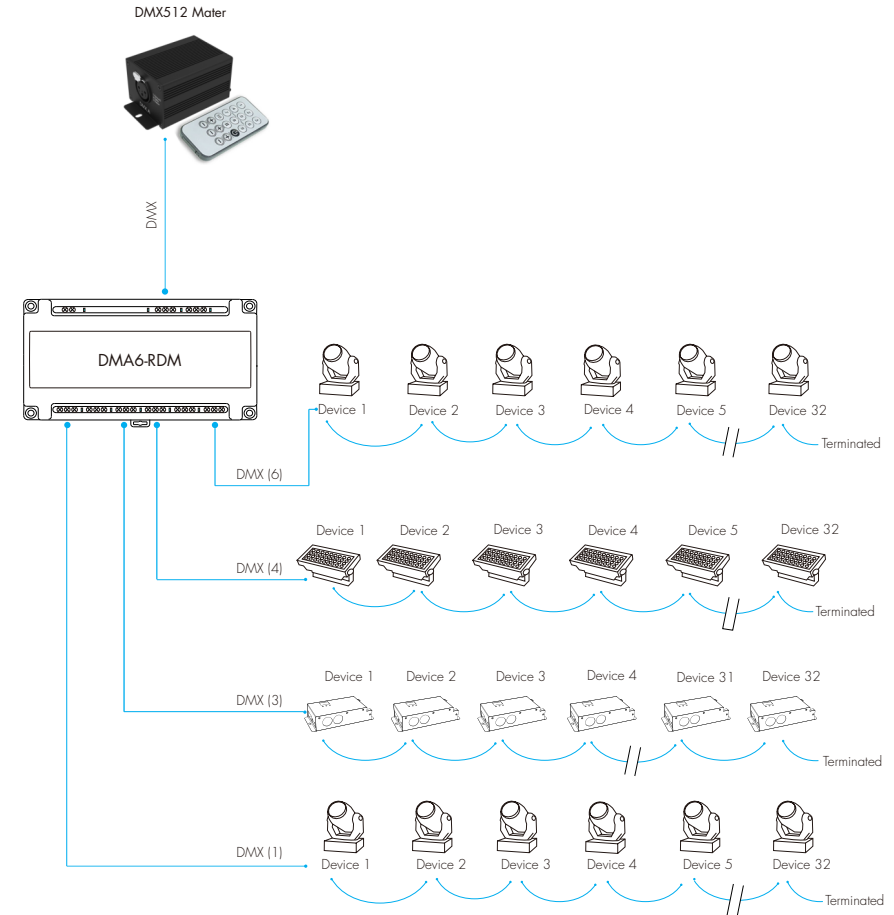


DMX512



Guide rail mounting dimensions:
TS-35/7.5 or TS-35/15

Wiring Diagram



Note:

1. Other DMX512 devices can be connected via the DMX THRU port. If the DMX THRU port is not used, the DMX THRU port must be terminated with a termination resistor.
2. Up to 32 DMX512 devices can be connected to each output port, and the last DMX512 device must be connected to a termination resistor. The unused output outlets do not need to be connected to a termination resistor.
3. Termination Resistor: 0.25W 90-120Ω resistor is connected between D+ and D- at the end of each signal.