

DSD6-DIN DIN-RAIL DMX Splitter

DSD6-DIN device allows splitting of the DMX line for controlling all electrical devices (lights, solenoids, etc.) from theatrical light desk via the DMX line. Each channel of the splitter is equipped with a line driver and is optically isolated from input and other outputs for up to 1000V.

DSD6-DIN receives the DMX signal and sends it out again using its 6 DMX output ports allowing a star-topology for efficient cable usage. Each output port is capable of driving up to 32 devices. The unit can also function as a signal booster as each port supports another 300-meter long connection.

Power supply

DC 12-36V / AC 12-24V, 160mA

Operating temperature

-30 °C to +45 °C

Housing

Plastic DIN-rail box

Dimensions & Weight

6-module DIN box, 0.32kg

Warranty

Life-time



DSD6-DIN features:

- Snap-in screw terminals
- 1x DMX IN/THRU
- 6x DMX optically isolated, amplified
- LED indication of DMX line
- LED indication of Power supply

DMX input/output

USITT DMX512, Input/outputs are protected by transil diodes and polyswitches.

DMX connector wiring

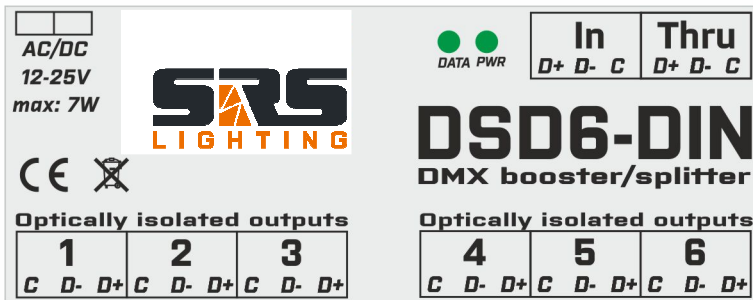
1. C DMX Common
2. D- DMX Data -
3. D+ DMX Data +

Device use

Use DC12-25V power supply to power the DSD6-DIN. Connect incoming DMX signals to the DMX IN/TRUE terminals. Amplified and optically isolated outputs are located on the bottom side of device – marked as 1-6. Outputs are protected and short-circuit proof. DATA indication is active when incoming DMX is active.

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Top panel:



Sample of system schematics:

