DMX 512

Lighting Control Series

Splitter DIN DUO

DIN rail mount double input DMX splitter / repeater

Splitter DIN DUO is special DIN rail mount device with 6 DMX input/output ports that operates as a regular splitter with 1 input and 5 outputs as well as two separated 1-to-2 splitters.

All input and output channels have full galvanic isolation. Remote Device Management (RDM) compatible. The device is suitable for indoor use. Splitter is powered by 100-250 V industrial AC mains, power consumption is less than 5 watts.

Key Features

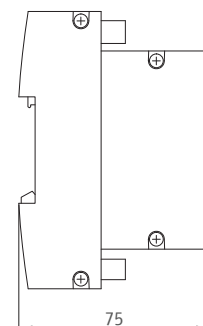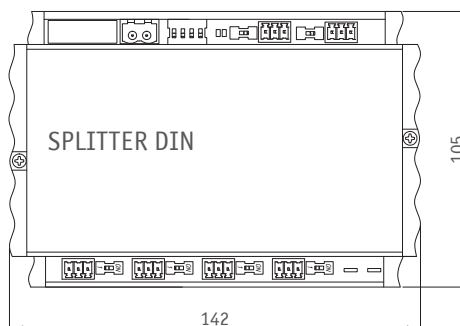| Supports RDM	UltraStart	Galvanically Isolated Ports	Natural Heat Convection	Permanent Laser Engraving

• Supports bidirectional communication (DMX512 and RDM).

• Single or dual input modes.

• Full galvanic isolation on all ports.

SPLITTER DIN

105

142

75

DIN series

Lightweight and compact DIN Series devices are the best choices for fixed cabinet-based installations with DIN rail mounting available. All the advantages of standard converters, designed in DIN cases. Spacesaving enclosures with resistant LaserText engraving. Natural heat convection. All ports are galvanically isolated. UltraStart Technology guarantees ready device in less than 3 seconds after power supply. 15EDGV Terminal Blocks provide ultrafast dismount opportunities (UltraLock).

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Technical Specifications

Mechanical

- Housing: DIN mounted case (8 modules)
- Material: Metal, Plastic
- Dimensions, mm: 142(D) x 105(H) x 75(W)
- Mass: 0.45 kg
- Mounting: DIN rail in the power cabinet

Power & Electrical

- Power supply: ~90-250 VAC, 50/60 Hz
- Input Power (max): 5 W
- Mains Fuse: 0.5 A

Environmental

- Operating Temperature: -40...+70°C
- Storage Temperature: -50...+80°C
- Operating Relative Humidity (max): 95%
- IP Rating: IP 20
- Certification: CE, RoHS
- Warranty: 36 Month (Return to base)

Control / Data Connections

- Supported protocols: DMX512, RDM
- DMX data refresh rate: 44 Hz

Inputs / Outputs

- DMX Inputs: 1 or 2
- DMX Outputs: 5 or 4
- Connectors: Terminal blocks 15EDGVC

Configuration / Indication

- Indication: LEDs for DMX inputs

Package Contents

- Splitter DIN DUO
- Connectors Kit

Product Line

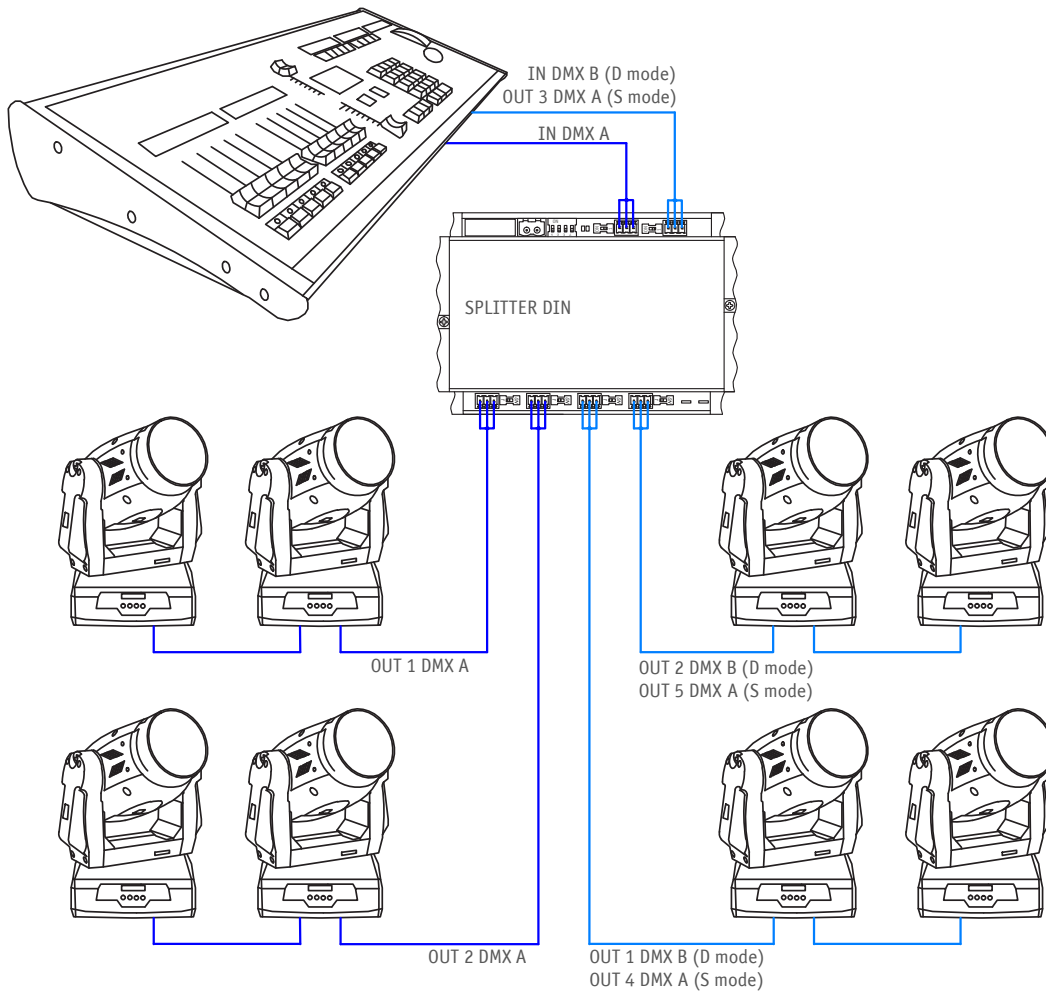| Name	Modification	Product code
Splitter DIN DUO	2 DMX inputs/4 DMX outputs	SPDD-1-2D4D

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Connection Scheme

IN DMX B (D mode)
OUT 3 DMX A (S mode)

IN DMX A

SPLITTER DIN

OUT 1 DMX A

OUT 2 DMX B (D mode)
OUT 5 DMX A (S mode)

OUT 2 DMX A

OUT 1 DMX B (D mode)
OUT 4 DMX A (S mode)

DIP switcher

	ON	OFF
SW1	RDM enabled	RDM disabled
SW2	Dual splitter mode (D-mode)	Single splitter mode (S-mode)
SW3	Full transparent mode	Dedicated input(s) mode
SW4	Bus indication mode	DMX512 indication mode

LED indication

	DMX512 mode	BUS mode
Green	Valid DMX signal	Bus is idle
Red	No DMX signal	Bus is busy
Off	Device/Section doesn't work	Device/Section doesn't work