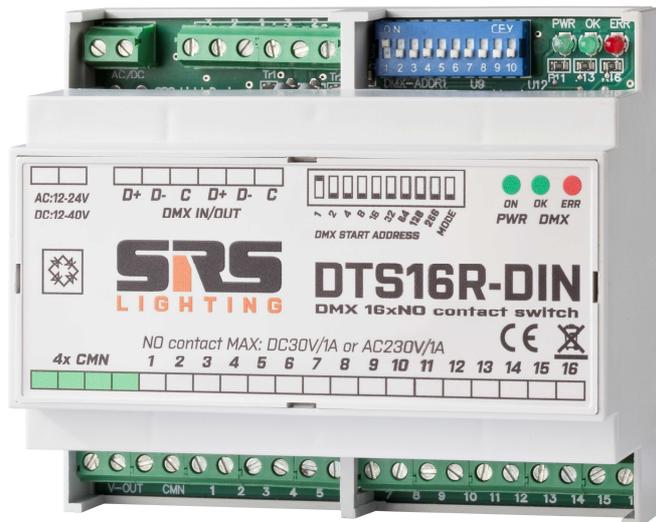


DTS16R-DIN DMX Relay Switch Pack

The DTS16R-DIN relay switch pack allows controlling of most electrical devices (lights, motors, solenoids, etc.) from theatrical light desk via the DMX line.

The DTS16R-DIN provides 16 DMX controlled NO (Normally Open) contacts, is fully isolated from the main power supply and designed with installers and system integrators in mind.



DTS16R-DIN features:

- 16x normally open (NO) switching outputs
- Optically isolated DMX input with parallel output
- Over-voltage protection of DMX line
- LED indication of the DMX line
- DIP switch for the DMX address setting

Power supply

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

Operating temperature

-20 °C to +60 °C

Housing

Plastic DIN box

Dimensions & Weight

6U DIN-rail box, 0.32kg

Warranty

2 years

Takamisawa NY12-WK relay rating:

- 3A/250V AC, max power: 750VA
- 3A/30V DC, max. power: 90W

DMX input:

- USITT DMX 512 (1990)
- protected by transil diodes

Switching output:

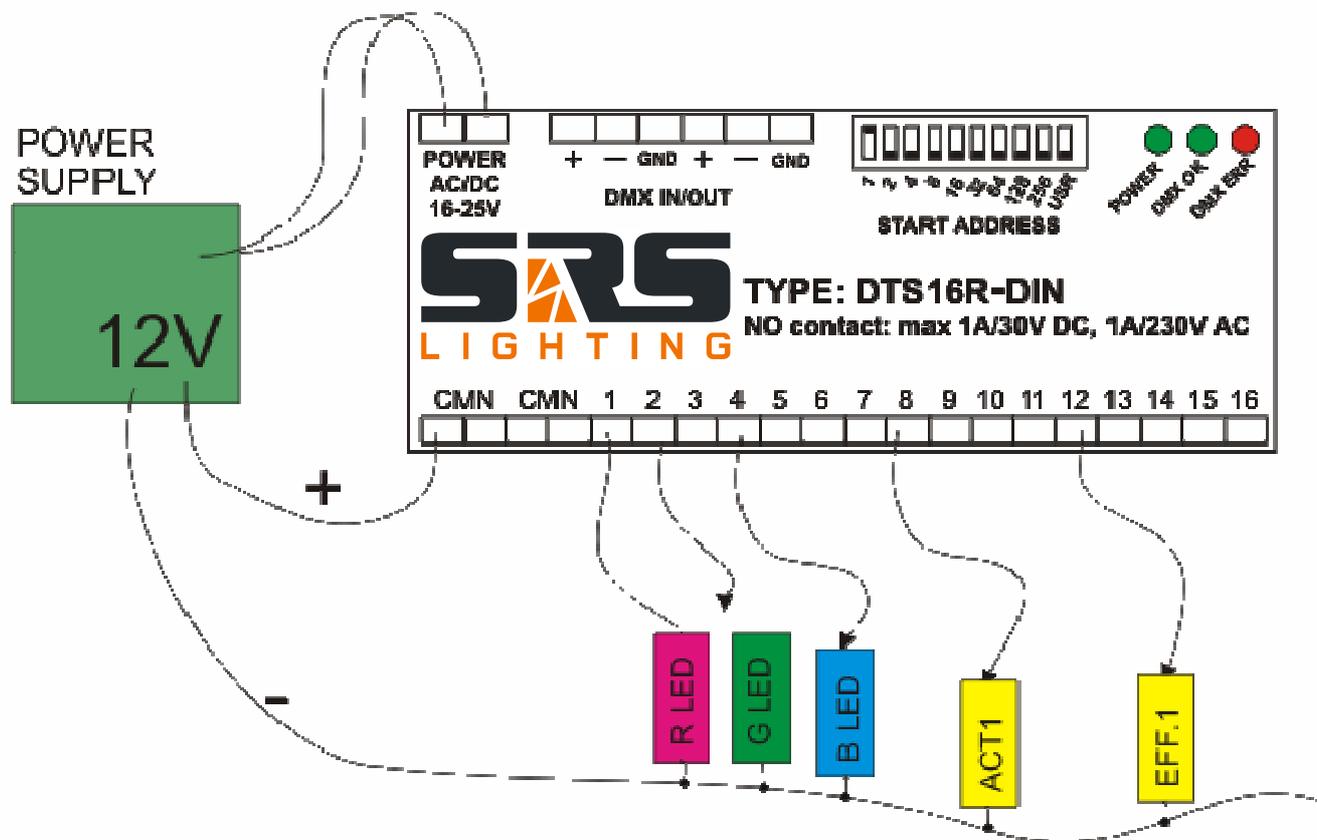
16 potential-free contacts with common pole



DTS16R-DIN_en_datasheet_M103

Wiring example:

DTS16R-DIN is powering an RGB 12V strip



There is a 12V power supply with the output used for the load connection of LED strips and DTS16-R DIN, in the picture.

When selected channel is in action, the output is active – relay is ON.

The RGB stripe examples on channels 1, 2 and 4 are powered through the DST16-R switches.

There are also two devices with the effects powered from the 12V power supply that are connected to channels 8 and 12 of the device.

