



## Synapse 4

Synapse 4 functions as an intelligent relay pack to control the power sent to individual lighting units. Synapse 4 can de-power entire sections of an installation, which prolongs the lifespan of lighting fixtures and decreases overall power consumption, saving energy and money. Rack, truss or wall mountable, Synapse 4 also offers flexible options to control its four outputs: 1) via DMX; 2) upon sensing the loss of the DMX signal; 3) via an internal scheduler that can be used to specify that individual outputs be turned on/off. As an added convenience, a 4-port DMX opto-isolator allows users to easily branch their DMX universe in multiple directions and amplify the signal after a long cable run.



## At a Glance

- Controllable powerCON relay pack and DMX optically isolated splitter/amplifier
- Compounds the savings of LED fixtures by completely removing power when not in use

- Individually control all 4 relays via DMX, DMX sensing or internal scheduler for specific on/off times every day
- Optically isolated 5-pin DMX splitter provides an easy hub for running DMX to multiple locations
- Convenient mounting options; rack mount, wall mount or clamped to truss

# Specifications

## Construction / Physical

- Dimensions: 19 x 7.87 x 1.75 in (483 x 200 x 44.5 mm)
- Weight: 6 lb (2.8 kg)
- Exterior Color: Black
- Rackmount: 1U

## Control

- Control Protocol: DMX
- DMX Channels: 1 or 4

## Certifications / Qualifications

- CE
- IP Rating: IP20, dry location

## What's Included

- Synapse 4
- Neutrik powerCON power cord

## Connections

- Power Connection: Edison (Local) plug to Neutrik powerCON
- Power Input: Neutrik powerCON
- Power Output: Neutrik powerCON
- Data Connectors: 5-pin XLR
- Cable Length (power): 5 ft (1.5 m)

## Electrical

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Main breaker size: 20 A, 250 V
- Breaker size per output: 20A, 250 V

## Optional Accessories

- Professional Clamps: CTC-50HC, CTC-50HCN
- Neutrik powerCON cables
- 5-pin DMX Cables