State Automation®

Everything is Possible™

Product number 801-328-12

GENERAL INFORMATION

State Automation's Solution Xi 12 channels is a flicker free LED ready dimmer pack. Using our innovative Reverse Phase Control (RPC) technology - also called "Trailing-Edge". The wall mount dimmer creates a slower turn off edge. Compact, it has a slim case without using a chunky heat sink and is equipped with a discrimination circuit to protect dimmer from both overload and short circuits. When an overload happens, it reduces the output voltage gradually until a rated current is reached. If a short circuit appears, it shuts down the circuit after confirming a short circuit by sending a series of pulses to the output. The RPC technology also has a load type detection circuit which will sense the load condition and shut down its output should a heavier inductive load be connected.

Designed specifically for both architectural and entertainment applications, the Solution Xi-12 comes in a range of current outputs from 5A to 16Amps. Special models are also available with lower channel numbers and higher output currents—up to 10kW per channel!
The dimmer may be wall-mounted or 19" rack-mounted or even hung from an entertainment lighting bar.

APPLICATIONS
- Opera, Theatres and Production studios
- Multi-purpose conference and exhibition venues
- Entertainment venues and Architectural installations

FEATURES
- DMX 512
- Supports sACN and Artnet. RDM ready
- MCB with Main RCD
- Configuration, Status display & error messaging / Mobile Application via Network Interface

BENEFITS
- Dims LEDs
- Dims capacitive loads
- Silent operation
- Reduced filament hum
- Dims Phase Dimmable LED drivers
- Dims electronic transformers
- Compact solution: wall-mounted or bar-mounted.
- Emergency lighting provision: Many installations require a separate circuit from the dimmer to power emergency exit lights. The Solution Xi has an allowance for an additional breaker for this purpose. The breaker may be factory or retro fitted to the dimmer.
- Standard DMX interface: Every Solution Xi is fitted with a DMX interface. This allows the unit to be used in entertainment venues for both house lighting and stage lighting, school halls, pubs and clubs, anywhere where a mixture of dynamic lighting control is required.

Technical Specifications

Mechanical	
Physical Dimension (mm)	524.6 (H) x 480 (W) x 165.3 (D)
Weight	26 Kg
Rack Unit (RU)	12
Power supply	
Supply Voltage Mini - Maxi - Nominal	180-265-230V
Frequency	40-80 Hz
Minimum load	0W
RCD rating	30mA
Switching technology	RPC
Thermal	
Max. Ambient temp.	40°C
Fan-forced airflow (from bottom to top)	Low-noise, temperature controlled fan

OPTIONS
- RCBO per channel
- Bypass panel
- Outputs up to 10kW
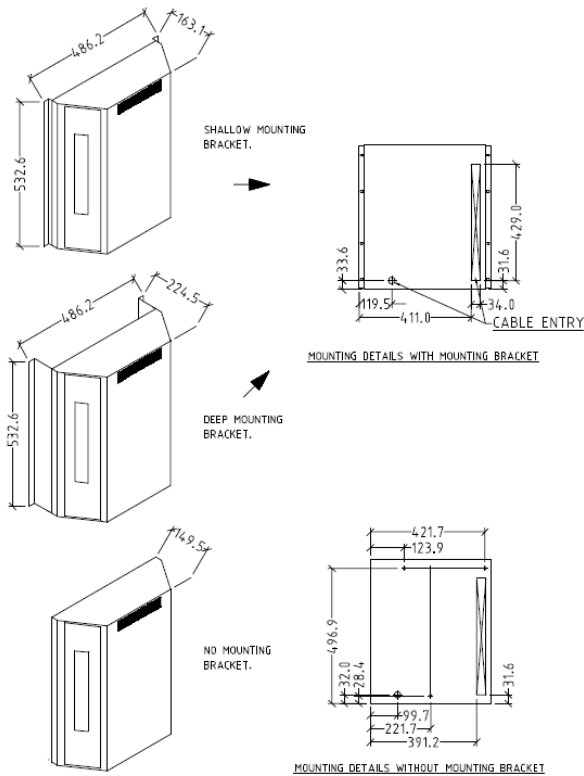- European configuration

Compatible with:
- ✓ C-Bus®
- ✓ Dali™

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CE

Advanced
Phase
Control

Product number 801-328-12

Standard Configurations (230V)
12ch x 2.4kW (10A)
12ch x 2.6kW (12A)
12ch x 3kW (16A)

ORDERING INFORMATION

Part Number	Description
Solution Cool wall-mount Au dimmers	
801-328-12	Solution Xi - 12ch
801-328-06	Solution Xi - 6 ch
801-328-03	Solution Xi - 3 ch

SHALLOW MOUNTING BRACKET.

MOUNTING DETAILS WITH MOUNTING BRACKET

DEEP MOUNTING BRACKET.

NO MOUNTING BRACKET.

MOUNTING DETAILS WITHOUT MOUNTING BRACKET

SOLUTION Xi-12 BUILD OPTIONS/KITS

Description	Model Code
Circuit Breaker 10A 1P Kit	/10
Circuit Breaker 12A 1P Kit	/12
Circuit Breaker 16A 1P Kit	/16
Circuit Breaker 20A 1P Kit	/20
Circuit Breaker 10A 1P+N Kit	/10N
Circuit Breaker 13A 1P+N Kit	/13N
Circuit Breaker 16A 1P+N Kit	/16N
RCD 63A Kit	/R63
BYPASS PANEL (up to 5KW)	/BP1
RCBO kits available	

SOLUTION Xi-12 BUILD OPTIONS/KITS

Description	Model Code
DMX Connector Kit Standard	/D
Shallow Mounting Bracket Kit Standard	/M3
Deep Mounting Bracket Kit Standard	/M4
Hook Clamp Bracket Kit	/H
Socapex Kit (x 2 12 channel)	/SX1
3Ø Tail	/T1