



## Foundry Switch Panel Series

Type(s)

Project

Date

Notes

## GENERAL INFORMATION

The ETC Foundry Switch Panel is a relay-only 230 V panel, designed and manufactured in Europe for the European and other 230 V CE markets. It provides air-gap relay switching across 12, 24, or 48 circuits, with RCD protection per group of four circuits or RCBO protection per circuit. The Foundry Switch Panel relays intelligently reduce in-rush current through phased switch-ons, helping manage today's sensitive LED rigs, while optional built-in current monitoring assists venues in optimizing their energy usage. The Foundry Switch Panel is suitable for any sized venue and will seamlessly integrate into the ETC control ecosystem.

To ensure you get the features you need, Foundry Switch panel comes in three levels of control - DMX, Connect, and Report.

## APPLICATIONS

- Theatre
- Convention centers
- Architectural lighting
- Arenas
- TV studios
- Cruise ships
- LED stage lighting
- Auditorium lighting
- Lobby lighting

## FEATURES

- 12, 24, or 48 channels of power switching
- 3 product tiers: DMX, Connect, Report
- 10 A breakers with options for RCD per circuit, or per 4 circuits.
- Designed with "capacitive" loads in mind (e.g. LED Drivers)
- Support for DMX, RDM and sACN protocols
- Rack mount options
- Designed and assembled in Europe
- Five year warranty

## ORDERING INFORMATION

## Foundry Switch Panel

MODEL	CONTROL	CHANNELS	AMPERAGE	RCD	CE
FSP	D - DMX C - Connect R - Report CC - Connect Client* RC - Report Client*	12 <sup>†</sup> 24	10 - 10 A	RCD/1 ND - RCBO per channel RCD/4 ND - RCD per 4 channels with Neutral Disconnect RCD/4 SP - RCD per 4 channels single pole	CE - CE Compliant
FSP-					CE

<sup>†</sup>Note: 12 channels is only supported in the DMX variant.

## PRODUCT SPECIFICATIONS

## GENERAL

Foundry Switch Panel is available in three levels of control

- **DMX Model:**
  - 12 or 24 circuits
  - DMX512-A/RDM control
  - Configuration by RDM or NFC
  - Automatic switch on delay to reduce inrush
- **Connect Model:**
  - 24 circuits or 48 circuits through client rack
  - DMX and sACN control
  - Configuration via RDM, web portal, or ETC's Concert software
  - Built-in presets
  - Automatic switch on delay, or manual delays to reduce inrush
- **Report Model:**
  - 24 circuits or 48 circuits through client rack
  - DMX and sACN control
  - Configuration via RDM, web portal, or ETC's Concert software
  - Built-in presets with breaker trip error reporting
  - Automatic switch on delay, or manual delays, with zero cross switching to reduce inrush
  - Per-circuit current monitoring for energy management

## FUNCTIONAL

- High-density switched control for all load types
- Manual relay override with status indication
- RCD per channel or per four channels options
- Connect and Report models support Ethernet connectivity

## MECHANICAL

- Surface mount with optional rack mount brackets
- Constructed of 1.6 mm steel plate
- Fine-textured, scratch resistant black powder coat paint
- Top and bottom removable cable access panels
- Removable internal assembly for easy installation
- Latching hinged door
- DIN rail based assembly
- Internal cover panel provides safe touch access to relays and breakers

## ELECTRICAL

## All Models:

- 230 V AC, Three Phase, Neutral + Ground
  - Supports Voltages 220–240 Nominal
  - Operating Frequency 47–63 Hz
- Maximum Feeds:
  - 12 channel units, 63 A
  - 24 channel units, 63 A
- Panel automatically reduces inrush when multiple channels are switched on
- RCBO per channel or an RCD per four channels with single pole or neutral-disconnect breakers

## Report Model:

- Zero cross switching to protect relays, connected devices and avoid nuisance tripping
- Per channel status feedback
  - Breaker Tripped
  - Relay Status
  - Output Current and Voltage

## THERMAL

- Convection cooled
- Ambient temperature: 0°C to 40°C
- Relative humidity: 20%–85% non-condensing

## REGULATORY AND COMPLIANCE

- CE compliant
- Complies with ANSI DMX512-A standard
- Connect and Report option supports ANSI E1.31 Streaming ACN (sACN) protocols

## USER INTERFACE

## DMX Model:

- Two Indicator LEDs for power and data
- Configuration by RDM or NFC via ETC Set Light app

## Connect and Report Models:

- Graphical display
- Button interface
  - 0–9 number entry
  - Up, down, back, arrow navigation with enter
  - Test shortcut for local activation of preset, sequence and set level overrides
- Onboard web UI for simple configuration and management
- USB interface for uploads of setup and software updates

PHYSICAL

Foundry Switch Panel Dimensions

MODEL	HEIGHT	WIDTH	DEPTH
	mm	mm	mm
FSP-12	502	440	179
FSP-24	802	440	179

Foundry Switch Panel Weights

MODEL	WEIGHT	SHIPPING WEIGHT
	kg	kg
FSP-12	15	18
FSP-24	25	28

