



# Chilli Pro 2410i Bypass Cabinet

## 24 x 10 Amp Inductive Installation Cabinet

### Key Features

- 24 channels of 10Amp dimming
- 24 channels with 24 true bypass switches with visual indication of bypass
- Bypass switch enables uninterrupted mains connection when required
- Easy wall installation
- Lockable security door
- Optional 2x30mA three phase RCDs
- 100% duty cycle
- Supports optional Chilli relay cards for DMX controlled relays
- DMX & ChilliNet control inputs
- 4 dimmer laws selectable per channel
- User defined back up memory
- Preheat per channel
- Topset per channel
- DMX addressing per channel
- RDM enabled
- Automatic frequency tracking
- Isolator switch
- ND MCB per channel
- Simple user interface
- Variable level channel test
- Built in, switchable, DMX line termination
- Common service applications need only a screwdriver
- Convection cooling

### ChilliNet

- 12 memories per area
- 3 sequences
- 10 areas available



### Overview

The Chilli Pro 2410i with Bypass is a professional 24 x 10A per channel dimmer cabinet featuring 24 bypass switches for use when direct mains power is needed.

Individual channels can be set for dimming or to deliver mains power for intelligent lights, LED light fittings and other stage specials allowing you to save wiring, simplify your set up and connect your lights exactly where you want them.

Chilli is a range of high density wall mounted convection cooled dimming. Quick to install and set up, easy to operate and maintain; Chilli dimmers are the workhorses of any hard working professional venue.

The 18 button user interface and backlit LCD screen on each dimmer ensure simple convenient set up for DMX patching, preheat, topset and dimmer curves and for peace of mind, the user interface and all breakers are also protected by a lockable hinged cover with viewing window to check Bypass and MCB status.

A choice of responses to DMX failure, backup memories, built in chases and an alarm input trigger complete the versatile Chilli dimming package.

(Also available in a 4 Channel Retrofit Relay Card option).



Powering Business Worldwide



### Ordering Information

0001-000016-00	Chilli Pro 2410i Bypass Cabinet
0001-000017-00	Chilli Pro 2410i Bypass Cabinet + RCD
0095-000108-00	4 Channel retrofit Relay Card
0095-000109-00	4 Channel retrofit Relay Card + PSU

### Supplied Accessories

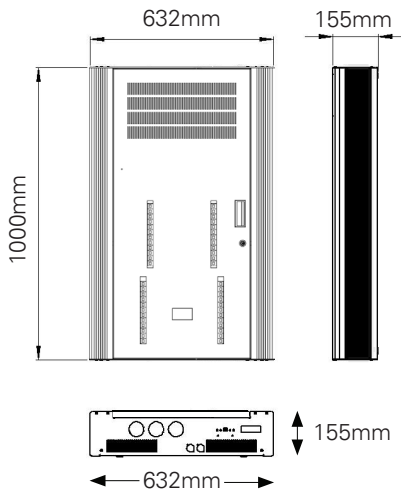
Installation / Operating Instructions

Chilli Pro Inductive Dimmers are available in 4, 6, 12 and 24 channel dimming packages featuring 10, 16 and 25 Amp load capacities with options for RCD protection - each contained in a slim line wall mounting enclosure.

### Specifications

- Number of channels: 24
- Number of bypass switches: 24
- DMX Address: Addressable per channel
- Channel capacity: 0.1A min / 10 Amp
- Total dimmer capacity: 240 Amp / 80 Amp per phase
- Dimmer duty cycle: 100%
- Dimmer curves: normal, linear, switched and square
- Memories: 12
- Sequences: 3
- Areas/zones: 10
- Topset: Selectable per channel
- Supply voltage: 200-255V (3 phase supply)
- Operates on three phase. Can be modified for single phase use. Contact Zero 88 for more information.
- Supply frequency: 45 to 70Hz auto-sensing and auto-tracking
- Rise Time: 120uS
- Control Input: DMX via terminal block accepts DMX 512-1990. Start address set via front panel controls
- DMX termination may be switched in or out internally
- ChilliNet support
- RDM enabled
- Channel outlets: Outlet connections via 6mm<sup>2</sup> terminal strip
- Case has the following knockouts: Top 4 x Ø51.0mm, 2 x Ø33.0mm
- Channel protection: 10 Amp, type C, neutral disconnect thermal magnetic circuit breaker per channel, breaking capacity 6000A
- RCD Protection: Optional extra facility of twin 4-pole 30mA RCDs
- Cooling: Convection
- Dimensions: 1000mm(H), 632mm(W), 155mm(D)
- Weight: 49.5Kg (109lb)
- Operating Temperature: +5°C to +40°C
- Humidity: 5% to 95% Non condensing

### Dimensions



Weight: 49.5Kg

### Contact your local Eaton office

Usk House, Lakeside, Llantarnam Park,  
 Cwmbran, Torfaen, NP44 3HD. UK  
 T: +44 (0)1633 838088 F: +44 (0)1633 867880  
 E: enquiries@zero88.com www.zero88.com

**Eaton Industries Manufacturing GmbH**  
 Electrical Sector EMEA  
 Route de la Longeraie  
 71110 Morges, Switzerland  
 Eaton.eu

© 2015 Eaton  
 All Rights Reserved

Chilli\_Pro\_2410i\_Bypass\_Cabinet\_Datasheet\_UK\_Rev3\_0615

Changes to the products, to the information contained in this document, and to prices are reserved; so are errors and omissions.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.