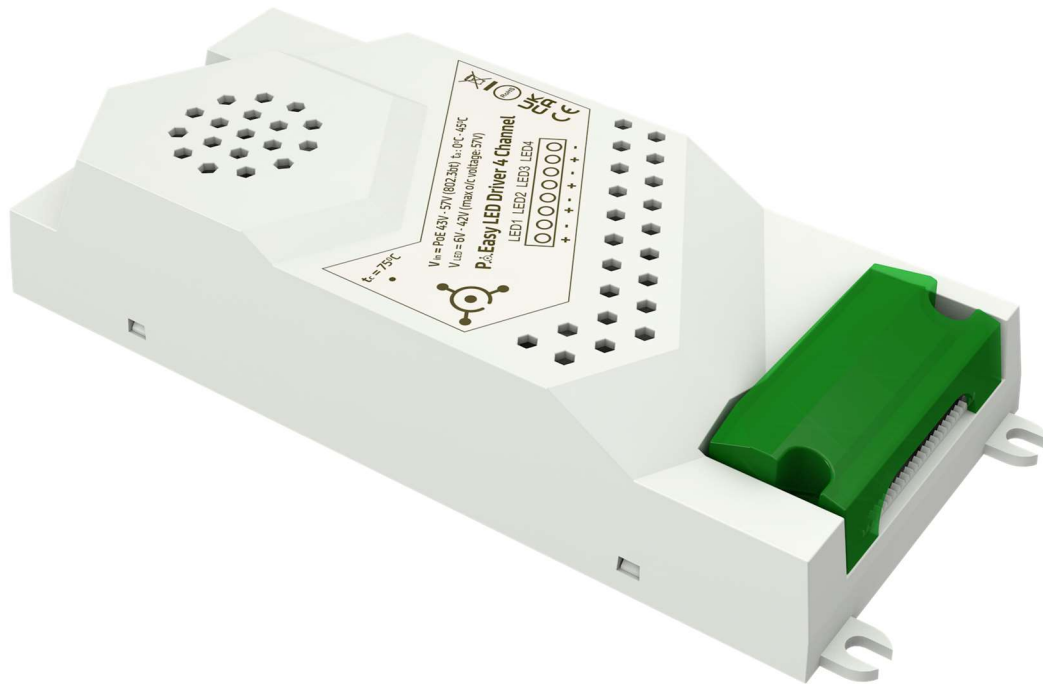# P♿Easy LED Driver 4 channel

Part Number – YSBSC03658

CE UKCA

The P♿Easy® 4 channel LED driver is fully 802.3bt PoE compliant with 4 outputs.
Deriving its power and control data from a single PoE network connection, the PoE Constant Current (CC) / Constant Voltage (CV) driver offers exceptional flexibility and ease of installation. This is achieved along with the ultra-smooth dimming and true flicker free performance expected from LED driver technology.

To enable contractors and installers to deliver cost effective lighting solutions over PoE compliant Cat6/6A networks, the P♿Easy® 4 channel LED driver offers 4 individually controllable channels with push-fit output connectors to allow easy connection of luminaires to the driver.

The P♿Easy® driver utilises the tried and tested Hybrid+™ driver technology offering patent protected flicker-free lighting to mitigate the risks of headaches or migraines after long exposures usually associated with low frequency PWM based LED drivers.

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A Brand of Prysmian Group

Main Features

- Operates from PoE DC input from Prysmian or other compliant PoE network switches
- Compact ceiling located design
- RDM, Art-Net 3, sACN & MQTT protocols
- Short and open circuit monitoring and protection
- Real time LED current & voltage monitoring
- Linear and curve output options on each channel
- Compatible with iMune® building control system
- Operates from PoE DC input from IST or others

Packaging Information

- Eco Friendly
- Plastic free
- 100% Recycled material
- Water based printed links on packaging
- Packing demension mm 210 (w) x 89 (h) x 45 (d)

Specification

Input

- Input voltage range: 48V to 57V DC
- Efficiency: >85% at full load
- Shielded female RJ45 jack for use with CAT6A cable to PSE device
- Class 8 compliant input with LLDP extensions for negotiating
- power above 30W using 4 pairs

Output

- Output power: 0 - 71 Watts (total over all channels)
- Output current: 0.1 - 1.5A per channel (Max)
- Voltage range: 2 -46V DC (assuming >48V PoE supply at driver)
- LED connection: 4x push fit 14-26AWG

Control Input

- Dimming control: Art-Net4, sACN Ethernet & MQTT
- Connection: 10/100 Mbps RJ45 ethernet
- Dimming range: 0 - 100%
- Dimming resolution: 8-bit & 16-bit Hybrid+TM

Mechanical

- Construction: Polycarbonate UL94 V0
- Ingress: IP30
- Environmental
- Operating ambient temperature: 0ºC to +40ºC
- Case temperature: +60oC
- Relative humidity: to 80% RH non-condensing
- Protection
- Over voltage, over temperature, overload, short circuit.

Linking the Future

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