

# Slave Power Unit 18 x 3A



The EVS-03-18 and EVS-03-36 Slave Power Units have been designed as compact, mid-power units for the control of Leading Edge dimmable lighting loads including compatible LED lamps and drivers.

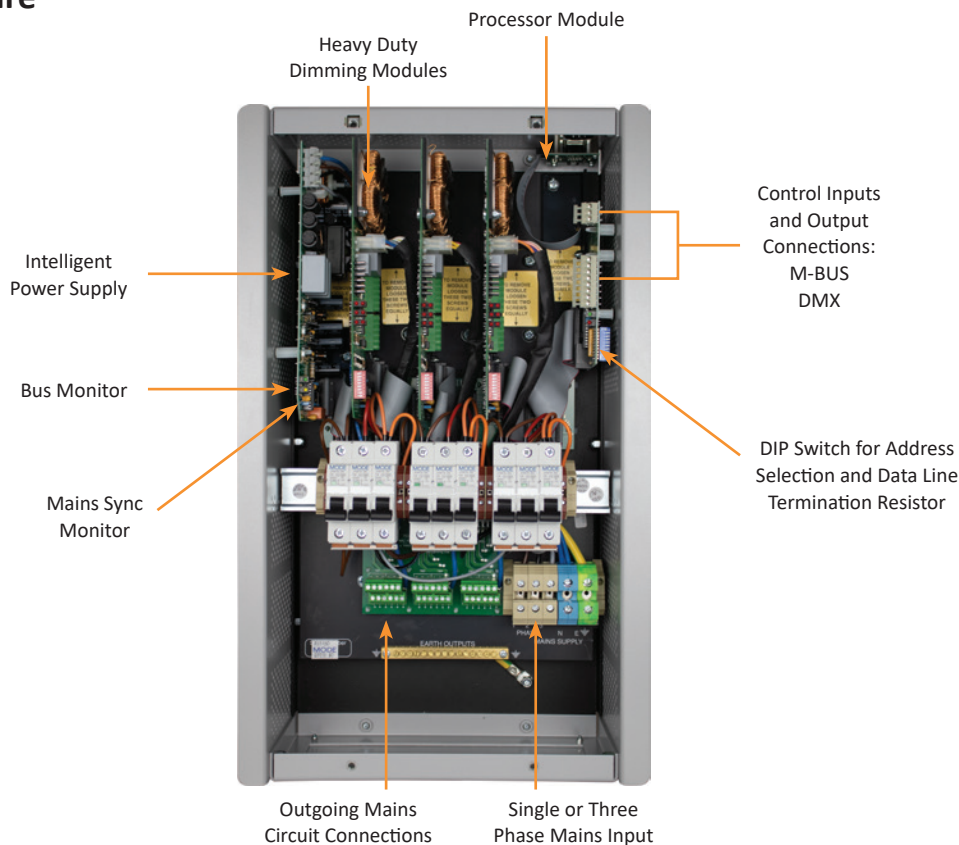
EVS Slave Power Units build on the quality and reliability of Mode product designs and offers high specification control and power management in a mechanically, electrically and thermo dynamically designed unit.

### Key Features

- » Eighteen dimmable channels of 3A resistive or inductive loads, user selectable for dimming or switching.
- » Up to 0.75A of compatible LED load per channel.
- » Leading Edge Dimming Technology.
- » Slave Unit for use with Evolution and eDIN+ Systems.
- » Two Circuits Protected by a Single 8A Type C MCB.
- » Emergency Fixed Live MCB protected outputs (2 per phase) for maintained emergency supplies.
- » Test mode for quick installation and testing.
- » DIN rail mounted wiring terminals.
- » Supply input 230/240V. 50-60Hz. Single or three phase options.
- » Complies with EC EMC and Low Voltage Directives (CE).
- » 2 year warranty.



## System Architecture



## Technical Data

Power	
Mains Supply	» 230V AC +/- 10% 50/60Hz, single or three phase options
Control Fuse	» 20mm x 5mm 2A HRC ceramic (3)
Connections & Cable Specifications	
Channel Outputs	» Eighteen channels of 3A resistive or inductive loads » Up to 0.75A for LED loads depending on LED de-rating factor » Check with LED lamp manufacturer for recommended number of lamps on an 8A MCB or RCBO*
Circuit Protection	» 9 x Miniature Circuit Breaker (MCB) 8A Type C
Control Input	» M-BUS, DMX
Mechanical	
Standards	» EN55015, EN61547, EN61000-3-3, EN60439-1, EN60950
Conduit Entries	» Five off 32mm diameter or removable panel
Dimensions	» 534mm High x 322mm Wide x 160mm Deep
Fixing Centres	» 452mm x 302mm
Weight	» 11kgs
Packed Size	» 600mm High x 400mm Wide x 240mm Deep
Packed Weight	» 12kgs

**Note**

For additional technical information refer to Installation Guide EVS-03-18.

\*The maximum number of lamps on a circuit and dimming performance will vary for different lamps and manufacturers. Users should verify performance and dimming range with the lamp manufacturer. For further advice please contact your local distributor or the Mode Lighting Technical team.

Installation should be in accordance with the relevant National Wiring Regulations and other applicable Regulations. Compliance to EC EMC and Low Voltage Directives may be invalidated if not used or installed according to the published specification.

EVS-03-18 should be located in well ventilated areas and should not be covered or enclosed by insulating materials.

Mode reserve the right to amend the product specification or design at any time and without notice.



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