

FR4815 | FR2415 | FR2415-II

FLIGHT-CASE DIMMERS SYSTEMS



FR series features compact and robust digital units, with control system and patch with full access to inputs and outputs.

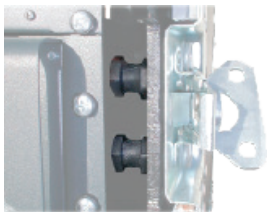
Each Flight-Case contains up to 4 independent dimmer modules with 12 channels each. These modules, with an output power of 12 x 3.6kW, have dimensions of 19"3U rack.

The FR system is suitable for professional applications such as live shows, TV studios and theaters.

In order to adapt this system to the customer's specific needs, it is possible to introduce changes that offer the best and most correct use of the equipment.

MAIN FEATURES

- Anti-impact system with cine-blocks (standard).*
- Multimeter: voltage, current and frequency; instant power and consumption.
- Hot-patch with complete cabling.
- DMX input opto-isolated.
- Possibility to configure outputs with the usual connectors (Socapex as standard).
- Up to 48 channels (3.6KW per channel, max.).
- Dimmers installation through the drawer system (without cables).
- 4 wheels with 100 mm diameter (two of them with braking system).



*Anti-shock system

TECHNICAL SPECIFICATIONS

- Efficiency > 98%.
- Filter professional 200µs per dimmer.
- Outputs with Socapex connector (standard).

CONTROL PROTOCOL

- DMX 512/1990 opto-isolated input.

SAFETY AND PROTECTION

- 1 MCB per channel.
- 1 RCD ($\Delta I = 30mA$) per dimmer.
- Cooling: heat-controlled DC fan.
- Cables, PCB and insulating materials with self-extinguishing properties according to UL94 V0 standards.
- This equipment complies with all applicable European directives.

POWER SUPPLY

Star 230V / 400V 3NPE (TN-S), 50Hz.

POWER SUPPLY CONNECTION

- Power-locks**



**Power-locks connections

Models	Channels	Output power per channel @230V [kW]	Rated current per phase (A)	Dimensions (mm)	Weight (Kg)
FR4815	48	3.6	240	1185x600x790	205
FR2415	24 (4x6 Channels)	3.6	120	1185x600x790	129
FR2415-II	24 (2x12 Channels)	3.6	120	1185x600x790	129

