

BRICK 12

WALL MOUNTING DIMMER



Brick 12 offers very compact all-digital dimmer for wall mounting, combining high quality and superior performance with low cost.

For general use on stage and for architectural lighting, this dimmer is suitable for those who want to enhance the space and want a reliable and economical solution.

This equipment is shipped as complete units, factory tested and ready for installation. No further assembling is required on site.

Depending on models, they are available with HAN-16 outlets or hardwired (standard version).

MAIN FEATURES

- 3-key keypad, 2x16-character LCD.
- User-friendly menu for easy access to all dimmer functions.
- Possibility of local test of the dimmer.
- 7 dimmer curves (laws), selectable per dimmer channel (including one disable curve).
- Pre-heat function.
- Last lighting cue maintained in case of DMX signal interruption.
- Permanent storage of all programmed data.
- Local control without a lighting desk (setting of dimmer level, creation and storage of a lighting cue).
- First dimmer address selection.
- Low noise fan for effective cooling with automatic fan stop.
- Overheat protection.
- Front panel provides easy access for maintenance and cabling.

TECHNICAL SPECIFICATIONS

- Efficiency > 98%.
- 200µs professional grade filtering.
- For further details, please see the table below.

INTERACTIVITY

- LCD Display.
- Presence of DMX signal.
- Error messages: DMX error.
- Display of DMX levels in %.

CONTROL PROTOCOL

- Digital: DMX 512 / 1990 on XLR5 connectors (DMX IN / OUT).

SAFETY AND PROTECTION

- Individual protection by MCB-1P.
- Overheat protection.
- Cables, PCB's and insulating materials with self-extinguishing properties according to the UL94 V0 standard.
- Optional: opto-isolated DMX input.
- Optional: Protection circuitry against accidental 400V wiring.
- Optional: individual protection by MCB-1P+N.
- Optional: general RCD (Residual Current Device) protection $\Delta I=30\text{mA}$.
- This equipment complies with all applicable European directives.

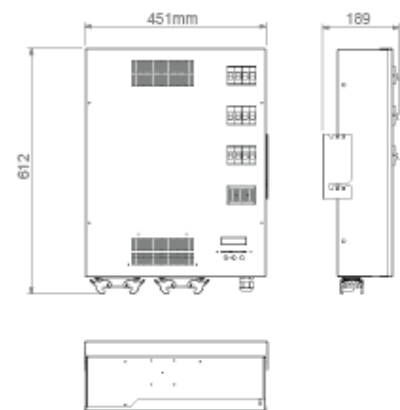
POWER SUPPLY

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

POWER SUPPLY CONNECTION

- Direct connection terminal blocks through a PG21 PVC cable gland.

DIMENSIONS



Model	Channels	Output power per channel @240V [kW]	Rated current per phase (A)	Continuous duty @35°C (A)	Weight (Kg)
BRICK 12	12	2.4	40	12x10	21



WALL MOUNTING DIMMERS



Brick 24 series offers very compact, all-digital dimmer for wall mounting, combining high quality and superior performance with low cost.

For general use on stage and architectural lighting, this dimmer is suitable for those who want to enhance the space and want a reliable and economical solution.

This equipment is shipped as complete units, factory tested and ready for installation. No further assembling is required on site.

Depending on models, they are available with HAN-16 outlets or hardwired (standard version).

MAIN FEATURES

- 4-key keypad, double 2x16-character LCD.
- User-friendly menu for easy access to all dimmer functions.
- Possibility of local test of the dimmer.
- 7 dimmer curves (laws), selectable per dimmer channel (including one disable curve).
- Pre-heat function.
- Last lighting cue maintained in case of DMX signal interruption.
- Permanent storage of all programmed data.
- Local control without a lighting desk (setting of dimmer level, creation and storage of a lighting cue).
- First dimmer address selection.
- Low noise fan for effective cooling with automatic fan stop.
- Overheat protection.

TECHNICAL SPECIFICATIONS

- Efficiency > 98%.
- 200µs professional grade filtering.
- For further details, please see the table below.

INTERACTIVITY

- LCD Display.
- Presence of DMX signal.
- Error messages: DMX error.
- Display of DMX levels in %.

CONTROL PROTOCOL

- Digital: DMX 512 / 1990 on XLR5 connectors (DMX IN / OUT)

SAFETY AND PROTECTION

- Individual protection by MCB-1P.
- Overheat protection.
- Cables, PCB and insulating materials with self-extinguishing properties according to the UL94 V0 standard.
- Optional: opto-isolated DMX input.
- Optional: Protection circuitry against accidental 400V wiring.
- Optional: individual protection by MCB-1P+N.
- Optional: general RCD (Residual Current Device) protection $\Delta I=30\text{mA}$.
- This equipment complies with all applicable European directives.

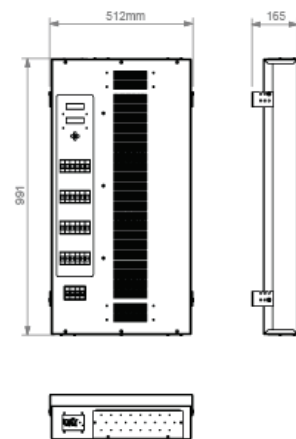
POWER SUPPLY

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

POWER SUPPLY CONNECTION

- Direct connection on general switch (or, as an option, on RCD), through a PG29 PVC cable gland

DIMENSIONS



Models	Channels	Output power per channel @240V [kW]	Rated current per phase (A)	Continuous duty @35°C (A)	Weight (Kg)
BRICK 24	24	2.4	80	24x10	41
BRICK 24-3	24	3.6	120	24x15	41
BRICK 12-5	12	5.7	100	12x25	35



D4 | D6

FLYING BAR DIMMERS



D4 and D6 series were designed for flying bar mounting or truss. D4 model can also be installed on a tripod (not included).

These equipments combine high quality and superior performance with low cost.

For general use on stage and for live shows, these series of dimmers are suitable for those who want to enhance the space and want a reliable and economical solution.

These models can be manufactured with the following output jacks: Schuko, French and CEE17-16A (standard). It is possible to have a 6 pole 35A harting connector for input power.

MAIN FEATURES

- 3-key keypad, 2x16-character LCD.
- User-friendly menu for easy access to all dimmer functions.
- Possibility of local test of the dimmer.
- 7 dimmer curves (laws), selectable per dimmer channel (including one disable curve).
- Pre-heat function.
- Last lighting cue maintained in case of DMX signal interruption.
- Permanent storage of all programmed data.
- Local control without a lighting desk (setting of dimmer level, creation and storage of a lighting cue).
- First dimmer address selection.
- Air-cooling: natural convection.
- MCB with mechanical protection to prevent hazardous channel turn-on or shut-off.
- D4 is produced with standard dedicated holder for tripod mounting.

TECHNICAL SPECIFICATIONS

- Efficiency > 98%.
- 200µs professional grade filtering.
- For further details, please see the table below.

INTERACTIVITY

- LCD Display.
- Presence of DMX signal.
- Error messages: DMX error.
- Display of DMX levels in %.

CONTROL PROTOCOL

- Digital: DMX 512 / 1990 on XLR5 connectors (DMX IN / OUT).

SAFETY AND PROTECTION

- Individual protection by MCB-1P.
- Air-cooling: natural convection.
- Cables, PCB and insulating materials with self-extinguishing properties according to the UL94 V0 standard.
- Optional: opto-isolated DMX input.
- Optional: Protection circuitry against accidental 400V wiring (only D6 model).
- Optional: individual protection by MCB-1P+N.
- This equipment complies with all applicable European directives.

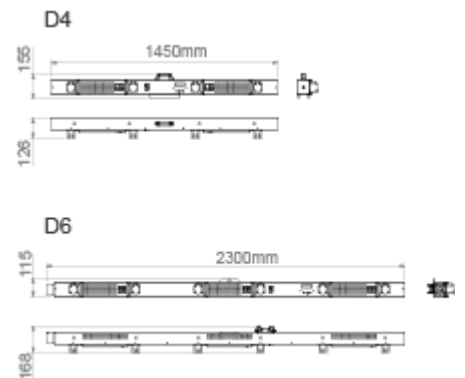
POWER SUPPLY

- D4 - mains supply: 230V NPE (TN-S), 50Hz.
- D6 - mains supply: Star 230V / 400V 3NPE (TNS), 50Hz.

POWER SUPPLY CONNECTION

- D4 - 3m cable, RV-K 0.6 / 1KV-3G 2.5. PG16 PVC cable gland
- D6 - CEE17-32Amp, 3NPE, standard

DIMENSIONS



Models	Channels	Output power per channel @ 230V [kW]	Rated current per phase (A)	Continuous duty @ 35°C (A)	Weight (Kg)
D4	4	2.3	16*	4x10	12
D6	6	2.3	20	6x10	15

*Limited by power cord and power connector.



D65 | D123

RACK DIMMERS



D65 and **D123** are all-digital dimmer packs, designed for insertion in touring racks and for fixed installations in cabinets or standard 19" racks.

For general use on stage, live shows and TV studios, these dimmers are suitable for those who want to enhance the space and want a reliable and economical solution.

The D65 and D123 comprise a wide variety of socket variants according to regional requirements including Schuko, French, CEE17-16A and CEE-32A (5kW load).

MAIN FEATURES

- 3-key keypad, 2x16-character LCD.
- User-friendly menu for easy access to all dimmer functions.
- Possibility of local test of the dimmer.
- 7 dimmer curves (laws), selectable per dimmer channel (including one disable curve).
- Pre-heat function.
- Last lighting cue maintained in case of DMX signal interruption.
- Permanent storage of all programmed data.
- Local control without a lighting desk (setting of dimmer level, creation and storage of a lighting cue).
- First dimmer address selection.
- Low noise fan for effective cooling with automatic fan stop.
- Overheat protection.
- 5U rack front panel.

TECHNICAL SPECIFICATIONS

- Efficiency > 98%.
- 200µs professional grade filtering.
- For further details, please see the table below.

INTERACTIVITY

- LCD Display.
- Presence of DMX signal.
- Error messages: DMX error.
- Display of DMX levels in %.

CONTROL PROTOCOL

- Digital: DMX 512 / 1990 on XLR5 connectors (DMX IN / OUT).

SAFETY AND PROTECTION

- Individual protection by MCB-1P.
- Overheat protection.
- Cables, PCB's and insulating materials with self-extinguishing properties according to the UL94 V0 standard.
- Optional: opto-isolated DMX input.
- Optional: Protection circuitry against accidental 400V wiring.
- Optional: individual protection by MCB-1P+N.
- Optional: general RCD (Residual Current Device) protection $\Delta I=30mA$.
- This equipment complies with all applicable European directives.

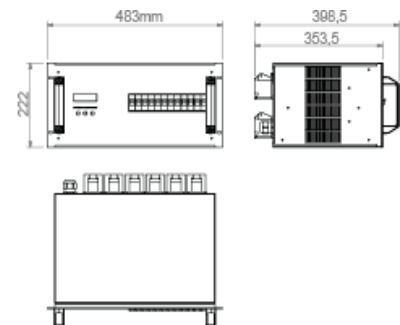
POWER SUPPLY

- Star 230V / 400V 3NPE (TN-S), 50Hz, 63A per phase.

POWER SUPPLY CONNECTION

- 3m cable, RV-K 0.6 / 1KV-5G10.
- PG29 PVC cable gland.

DIMENSIONS



Models	Channels	Output power per channel @230V [kW]	Rated current per phase (A)	Continuous duty @35°C (A)	Weight (Kg)
D65	6	5.7	50	6x25	22
D123	12	3.6	60	12x15	24



D350 | D625 | D1215

RACK DIMMERS



D350, D625 and D1215 are all-digital dimmer packs, designed for insertion in touring racks and for fixed installations in cabinets or standard 19" racks.

For general use on stage, live shows and TV studios, this dimmer is suitable for those who want to enhance the space and want a reliable and economical solution.

These models can be manufactured with the following output jacks: CEE-63A (D350 model), HAN-16 (Harting), Socapex and hardwired.

MAIN FEATURES

- 3-key keypad, double 2x16-character LCD.
- User-friendly menu for easy access to all dimmer functions.
- Possibility of local test of the dimmer.
- 7 dimmer curves (laws), selectable per dimmer channel (including one disable curve).
- Pre-heat function.
- Last lighting cue maintained in case of DMX signal interruption.
- Permanent storage of all programmed data.
- Local control without a lighting desk (setting of dimmer level, creation and storage of a lighting cue).
- First dimmer address selection.
- Low noise fan for effective cooling with automatic fan stop.
- Overheat protection.
- 3U rack front panel.

TECHNICAL SPECIFICATIONS

- Efficiency > 98%.
- 200µs professional grade filtering.
- For further details, please see the table below.

INTERACTIVITY

- LCD Display.
- Presence of DMX signal.
- Error messages: DMX error.
- Display of DMX levels in %.

CONTROL PROTOCOL

- Digital: DMX 512 / 1990 on XLR5 connectors (DMX IN / OUT).

SAFETY AND PROTECTION

- Individual protection by MCB-1P.
- Overheat protection.
- Cables, PCB's and insulating materials with self-extinguishing properties according to the UL94 V0 standard.
- Optional: opto-isolated DMX input.
- Optional: Protection circuitry against accidental 400V wiring.
- Optional: individual protection by MCB-1P+N.
- Optional: general RCD (Residual Current Device) protection $\Delta I=30\text{mA}$.
- This equipment complies with all applicable European directives.

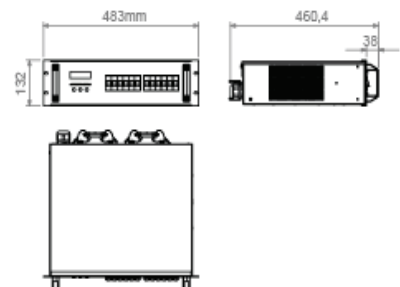
POWER SUPPLY

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

POWER SUPPLY CONNECTION

- 3m cable, RV-K 0.6 / 1KV-5G10.
- PG29 PVC cable gland

DIMENSIONS



Models	Channels	Output power per channel @230V [kW]	Rated current per phase (A)	Continuous duty @35°C (A)	Weight (Kg)
D350	3	10	50	3x50	21
D625	6	5.7	50	6x25	21
D1215	12	3.6	60	12x15	22



D610 | D1210

RACK DIMMERS



D610 and **D1210** offer high density all-digital dimmer packs and they were designed for insertion in touring racks and for fixed installations in cabinets or standard 19" racks.

These equipments combine high quality and superior performance with low cost.

For general use on stage, live shows and TV studios, these dimmers are suitable for those who want to enhance the space and want a reliable and economical solution.

Depending on models, it is possible to produce them with the following outlets: HAN-16 (Harting), Socapex and Hardwired.

MAIN FEATURES

- 3-key keypad, 2x16-character LCD.
- User-friendly menu for easy access to all dimmer functions.
- Output level monitor with LED (only D1210).
- Possibility of local test of the dimmer.
- 7 dimmer curves (laws), selectable per dimmer channel (including one disable curve).
- Pre-heat function.
- Last lighting cue maintained in case of DMX signal interruption.
- Permanent storage of all programmed data.
- Local control without a lighting desk (setting of dimmer level, creation and storage of a lighting cue).
- First dimmer address selection.
- Low noise fan for effective cooling with automatic fan stop.
- Overheat protection.
- 2Urack front panel.

TECHNICAL SPECIFICATIONS

- Efficiency > 98%.
- 200µs professional grade filtering.
- For further details, please see the table below.

INTERACTIVITY

- LCD Display.
- Presence of DMX signal.
- Error messages: DMX error.
- Display of DMX levels in %.

CONTROL PROTOCOL

- Digital: DMX 512 / 1990 on XLR5 connectors (DMX IN / OUT).

SAFETY AND PROTECTION

- Individual protection by MCB-1P.
- Overheat protection.
- Cables, PCB and insulating materials with self-extinguishing properties according to the UL94 V0 standard.
- Optional: individual protection by MCB-1P+N.
- This equipment complies with all applicable European directives.

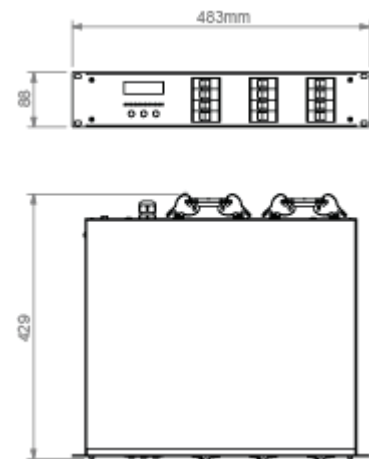
POWER SUPPLY

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

POWER SUPPLY CONNECTION

- D610 - 3m cable, RV-K 0.6 / 1KV-5G4 with PG16 PVC cable gland.
- D1210 - 3m cable, RV-K 0.6 / 1KV-5G6 with PG21 PVC cable gland.

DIMENSIONS



Models	Channels	Output power per channel @230V [kW]	Rated current per phase (A)	FContinuous duty @35°C (A)	Weight (Kg)
D610	6	2.3	20	6x10	9
D1210	12	2.3	40	12x10	14



DB63 | DB63-GL

FLYING BAR DIGITAL DIMMERS PACK



DB63 and DB63-GL series offer high density all-digital dimmer packs and were designed for flying bar/truss mounting.

For general use on stage and live shows, these dimmers are suitable for those who want to enhance the space and want a reliable and economical solution.

Standard outlet for these models is HAN-16.

MAIN FEATURES

- 3-key keypad, double 2x16-character LCD.
- User-friendly menu for easy access to all dimmer functions.
- Possibility of local test of the dimmer.
- 7 dimmer curves (laws), selectable per dimmer channel (including one disable curve).
- Pre-heat function.
- Last lighting cue maintained in case of DMX signal interruption.
- Permanent storage of all programmed data.
- Local control without a lighting desk (setting of dimmer level, creation and storage of a lighting cue).
- First dimmer address selection.
- Low noise fan for effective cooling with automatic fan stop.
- Overheat protection.
- Provided with heavy duty clamp to hang on flying bar and security cable.

TECHNICAL SPECIFICATIONS

- Efficiency > 98%.
- 200µs professional grade filtering.
- 400µs filter for DB63-GL (broadcast quality).
- For further details, please see the table below.

INTERACTIVITY

- LCD Display.
- Presence of DMX signal.
- Error messages: DMX error.
- Display of DMX levels in %.

CONTROL PROTOCOL

- Digital: DMX 512 / 1990 on XLR5 connectors (DMX IN / OUT).

SAFETY AND PROTECTION

- Individual protection by MCB-1P.
- Overheat protection.
- Cables, PCB and insulating materials with self-extinguishing properties according to the UL94 V0 standard.
- Optional: opto-isolated DMX input.
- Optional: Protection circuitry against accidental 400V wiring.
- Optional: individual protection by MCB-1P+N (standard on DB63-GL).
- This equipment complies with all applicable European directives.

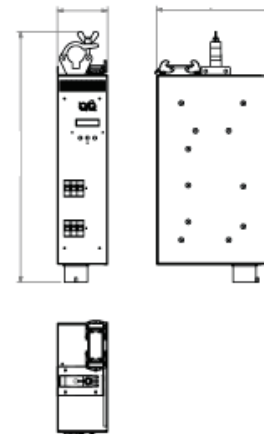
POWER SUPPLY

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

POWER SUPPLY CONNECTION

- CEE17, 32A - 400V, 3NPE

DIMENSIONS



Models	Channels	Output power per channel @230V [kW]	Rated current per phase (A)	Continuous duty @35°C (A)	Weight (Kg)
DB63	6	3.6	30	6x15	15
DB63-GL	6	3.6	30	6x15	15



DR2410 | DR3610 | DR4810

FLIGHT-CASE DIMMER SYSTEMS



The **DR** series features compact and robust digital units, with control system and optional patch with full access to inputs and outputs.

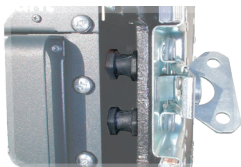
Each Flight-Case contains up to 4 independent dimmer modules with 12 channels each. These modules, with an output power of 12 x 2.3kW, have dimensions of 19"2U rack.

The DR 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

- Input DMX opto-isolated.
- Possibility to configure outputs with the most common connectors - Socapex as standard.
- Up to 48 channels (2.3KW per channel, max.).
- 4 wheels with 100 mm diameter (two of them with braking system).
- Optional: Multimeter - voltage, current and frequency; instant power and consumption.
- Optional: anti-impact system with cine-blocks.*



*Anti-shock system (optional)

TECHNICAL SPECIFICATIONS

- Efficiency > 98%.
- Filter professional 200µs per dimmer.
- Outputs with Socapex connector (standard).
- For further details, please see the table below.

CONTROL PROTOCOL

- DMX 512/1990 opto-isolated input.

SAFETY AND PROTECTION

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

POWER SUPPLY

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

POWER SUPPLY CONNECTION

- 45° Cable gland, R07RN-F cable (EEC or other plugs on request).

Models	Channels	Output power per channel @230V [kW]	Rated current per phase (A)	Weight (Kg)
DR2410	24	2.3	80	Depends on model configuration
DR3610	36	2.3	120	Depends on model configuration
DR4810	48	2.3	160	Depends on model configuration



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.

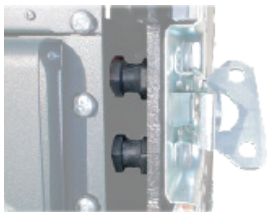
Each Flight-Case contains up to 4 independent dimmer modules with 12 channels each. These modules, with an output power of 12 x 3.6kW, have dimensions of 19 "3U rack.

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



LTB63-II

RACK DIMMERS



LTB63-II offers high density, all-digital dimmer packs and it was designed for insertion in touring racks and for fixed installations in cabinets or standard 19" racks.

This equipment combines high quality and superior performance with low cost.

LTB63-II is suitable for general purpose applications, such as stage and architectural lighting, being the right solution to whom, reliability and price are the first considerations.

Depending on models, it is possible to produce it with the following outlets: Schuko, French CEE17-16A, Socapex, HAN-16 and Hardwired.

MAIN FEATURES

- 3-key keypad, 2x16-character LCD.
- User-friendly menu for an easy access to all dimmer functions.
- Possibility of dimmer's local testing.
- 7 dimmer curves (laws), selectable per dimmer channel (including one disable curve).
- Pre-heat function.
- In case of DMX signal interruption, the last lighting cue is maintained.
- Permanent storage of all programmed data.
- Local control without a lighting desk (setting of dimmer level, creation and storage of a lighting cue).
- First dimmer address selection.
- Low noise fan for effective cooling with automatic fan stop.
- Overheat protection.
- 3U rack front panel.

TECHNICAL SPECIFICATIONS

(TN-S), 50Hz.

- Efficiency > 98%.
- 200µs professional grade filtering.
- For further details, please see the table below.

INTERACTIVITY

- LCD Display.
- Presence of DMX signal.
- Error messages: DMX error.
- Display of DMX levels in %.

CONTROL PROTOCOL

- Digital: DMX 512 / 1990 on XLR5 connectors (DMX IN / OUT).

SAFETY AND PROTECTION

- Individual protection by MCB-1P.
- Overheat protection.
- Cables, PCB and insulating materials with self-extinguishing properties according to the UL94 V0 standard.
- This equipment complies with all applicable European Directives.
- Optional: opto-isolated DMX input.
- Optional: Protection circuitry against accidental 400V wiring.
- Optional: individual protection by MCB-1P+N.
- Optional: general RCD (Residual Current Device) protection $\Delta I=30\text{mA}$.

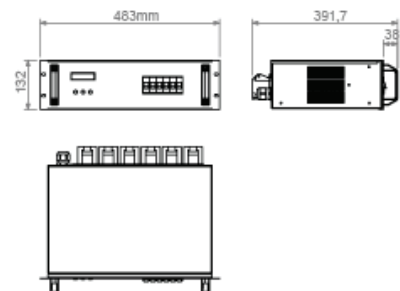
POWER SUPPLY

- Star 230V / 400V 3NPE

POWER SUPPLY CONNECTION

- 3m cable, RV-K 0.6 / 1KV-5G6.
- PG29 PVC cable gland.

DIMENSIONS



Models	Channels	Output power per channel @230V [kW]	Rated current per phase (A)	FContinuous duty @35°C (A)	Weight (Kg)
LTB63-II	6	3.6	30	6x15	13



PD325 | PD615

PORTABLE DIMMERS



PD325 and **PD615** series offer high density, all-digital dimmer packs. A compact and strong enclosure makes these units suitable for portable applications.

These models combine high quality and superior performance with low cost and are suitable for general purpose applications, such as stage, architectural lighting and whenever space, cost and reliability are the first considerations.

Depending on models, it is possible to produce them with the following outlets: Schuko, French, CEE17-16A and CEE17-32A (5KW load).

MAIN FEATURES

- 3-key keypad, 2x16-character LCD.
- User-friendly menu for easy access to all dimmer functions.
- Possibility of dimmer's local testing.
- 7 Dimmer curves (laws), selectable per dimmer channel (including one disable curve).
- Pre-heat function.
- Last lighting cue maintained in case of DMX signal interruption.
- Permanent storage of all programmed data.
- Local control without a lighting desk (setting of dimmer level, creation and storage of a lighting cue).
- First dimmer address selection.
- Low noise fan for effective cooling with automatic fan stop.
- Overheat protection.

TECHNICAL SPECIFICATIONS

(TN-S), 50Hz.

- Efficiency > 98%.
- 200µs professional grade filtering.
- For further details, please see the table below.

INTERACTIVITY

- LCD Display.
- Presence of DMX signal.
- Error messages: DMX error.
- Display of DMX levels in %.

CONTROL PROTOCOL

- Digital: DMX 512 / 1990 on XLR5 connectors (DMX IN / OUT).

SAFETY AND PROTECTION

- Individual protection by MCB-1P.
- Overheat protection.
- Cables, PCB and insulating materials with self-extinguishing properties according to the UL94 V0 standard.
- This equipment complies with all applicable European Directives.
- Optional: opto-isolated DMX input.
- Optional: Protection circuitry against accidental 400V wiring.
- Optional: individual protection by MCB-1P+N.
- Optional: general RCD (Residual Current Device) protection $\Delta I=30\text{mA}$.

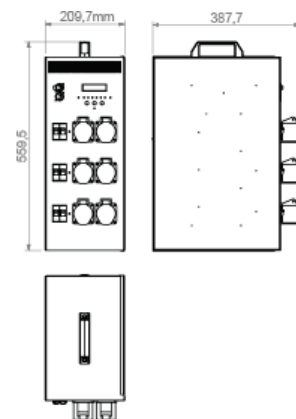
POWER SUPPLY

- Star 230V / 400V 3NPE

POWER SUPPLY CONNECTION

- IP44 Flanged Plug, 400V-3NPE-32A per phase.

DIMENSIONS



Models	Channels	Output power per channel @230V [kW]	Rated current per phase (A)	Continuous duty @35°C (A)	Weight (Kg)
PD325	3	5.7	25	3x25	15
PD615	6	3.6	30	6x15	15



PD405 | PD405D

DIMMERS AND POWER PACKS



Developed on rugged metallic boxes, **PD405** series have been prepared for several applications, from wall mounting to flying bar mounting/truss systems.

This series consists of a variety of models: analogue and digital dimmers and power packs, solid state and relay versions.

Output connections are hardwired in all models.

MAIN FEATURES

- 4-Channels.
- LED based status monitor.
- DMX channel selection.
- Overload protection: one fuse per channel.
- Fuses on front panel for easy access.
- Air-cooling: natural convection.
- Optional: 2U rack extra front panel for 19" rack mounting

TECHNICAL SPECIFICATIONS

- For further details, please see the table below.

INTERACTIVITY

- LED based status monitor per channel
- DMX presence.

CONTROL PROTOCOL

- Digital: DMX 512 / 1990 on XLR5 connectors (DMX IN / OUT).
- Analogue: 0 - 10V on DIN connectors.

SAFETY AND PROTECTION

- Overload protection: one fuse per channel.
- Air-cooling: natural convection.
- Cables, PCB and insulating materials with self-extinguishing properties according to UL94 V0 standard.
- This equipment complies with all applicable European Directives.

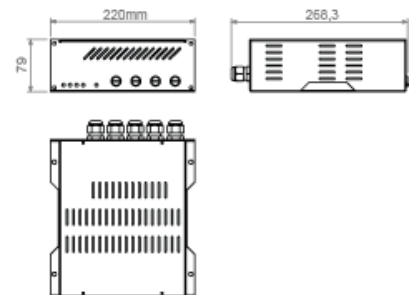
POWER SUPPLY

- 30V - NPE - 50Hz.

POWER SUPPLY CONNECTION

- Hardwired.
- Cable gland PG16.

DIMENSIONS



Models	Type	Control	Channels	Output power per channel @230V [kW]	Rated current per phase (A)	Continuous duty @35°C (A)	Weight (Kg)
PD405	Analogue dimmer pack	Analogue: 0-10V (DIN5)	4	1.2	20	4x5	2
PP405	Analogue solid state power pack	Analogue: 0-10V (DIN5)	4	1.2	20	4x5	2
PR405	Analogue relay power pack	Analogue: 0-10V (DIN5)	4	1.2	20	4x5	2
PD405D	Digital dimmer pack (DMX)	Digital: DMX 512 (XLR5)	4	1.2	20	4x5	2
PP405D	Digital solid state power pack	Digital: DMX 512 (XLR5)	4	1.2	20	4x5	2
PR405D	Digital relay power pack	Digital: DMX 512 (XLR5)	4	1.2	20	4x5	2



PD605D

DIMMER AND POWER PACKS



Developed on rugged metallic boxes, PD605D series have been prepared for several applications, from wall mounting to truss systems or 19" panel mounting.

This series consists of a variety of models: analogue and digital dimmers and power packs, solid state and relay versions.

MAIN FEATURES

- 3-key keypad, 2x16-character LCD.
- User friendly menu for easy access to all dimmer functions.
- Possibility of local test of the dimmer.
- 7 dimmer curves (laws), selectable per dimmer channel (including one disable curve).
- Pre-heat function.
- Last lighting cue maintained in case of DMX signal interruption.
- Permanent storage of all programmed data.
- Local control without a lighting desk (setting of dimmer level, creation and storage of a lighting cue).
- First dimmer address selection.
- Air cooling: natural convection.
- Optional: 2U rack extra front panel for 19" rack mounting.

TECHNICAL SPECIFICATIONS

- For further details, please see the table below.

INTERACTIVITY

- LED based status monitor per channel and DMX presence.

CONTROL PROTOCOL

- DMX 512 / 1990 on XLR5 connectors (DMX IN / OUT).

SAFETY AND PROTECTION

- Overload protection: one MCB-1P per channel.
- Air-cooling: natural convection.
- Cables, PCB's and insulating materials with self-extinguishing properties according to the UL94 V0 standard.
- This equipment complies with all applicable European directives.

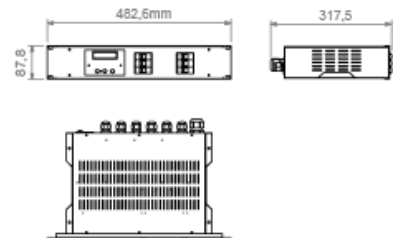
POWER SUPPLY

- 230V - NPE - 50Hz.

POWER SUPPLY CONNECTION

- Hardwired.
- Pressure cable gland PG16.

DIMENSIONS



Models	Type	Control	Channels	Output power per channel @230V [kW]	Rated current per phase (A)	Continuous duty @35°C (A)	Weight (Kg)
PD605D	Digital dimmer pack	Digital: DMX 512 (XLR5)	6	1.4	36	6x6	4*
PP605D	Digital solid state power pack	Digital: DMX 512 (XLR5)	6	1.4	36	6x6	4*
PR605D	Digital relay power pack	Digital: DMX 512 (XLR5)	6	1.4	36	6x6	4*

*0,5Kg in weight will be added with the 2U extra panel.



PD1215

PORTABLE DIMMERS



PD1215 is a dimmer that offers high density, all-digital dimmer pack. A compact and strong dimmer that combines high quality and superior performance with low cost.

This equipment is specially indicated for portable use and can be applied in general purpose applications, such as stage and architectural lighting, being the right solution to whom, reliability and price are the first considerations.

PD1215 can be produced with the following outlets: Schuko, French, CEE17-16A, Socapex and HAN-16.

MAIN FEATURES

- 3-key keypad, 2x16-character LCD.
- User-friendly menu for easy access to all dimmer functions.
- Output level monitor with LED.
- Possibility of dimmer's local testing.
- 7 Dimmer curves (laws), selectable per dimmer channel (including one disable curve).
- Pre-heat function.
- Last lighting cue maintained in case of DMX signal interruption.
- Permanent storage of all programmed data.
- Local control without a lighting desk (setting of dimmer level, creation and storage of a lighting cue).
- First dimmer address selection.
- Low noise fan for effective cooling with automatic fan stop.
- Overheat protection.
- Few units are easily stackable thanks to four concavities that will receive the feet of the unit mounted above.

TECHNICAL SPECIFICATIONS

- Efficiency > 98%.
- 200µs professional grade filtering.
- For further details, please see the table below.

INTERACTIVITY

- LCD Display.
- Presence of DMX signal.
- Error messages: DMX error.
- Display of DMX levels in %.

CONTROL PROTOCOL

- Digital: DMX 512 / 1990 on XLR5 connectors (DMX IN / OUT).

SAFETY AND PROTECTION

- Individual protection by MCB-1P.
- Overheat protection.
- Cables, PCB and insulating materials with self-extinguishing properties according to the UL94 V0 standard.
- This equipment complies with all applicable European Directives.
- Optional: opto-isolated DMX input.
- Optional: Protection circuitry against accidental 400V wiring.
- Optional: individual protection by MCB-1P+N.
- Optional: general RCD (Residual Current Device) protection $\Delta I=30\text{mA}$.

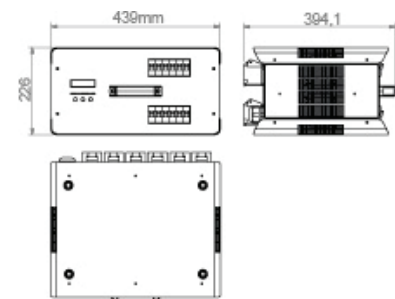
POWER SUPPLY

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

POWER SUPPLY CONNECTION

- 3m cable, RV-K 0.6 / 1KV-5G10.
- PG29 PVC cable gland.

DIMENSIONS



Models	Channels	Output power per channel @230V [kW]	Rated current per phase (A)	Continuous duty @35°C (A)	Weight (Kg)
PD1215	12	3.6	60	12x15	27



RD4825 | RD9615

DIMMER CABINETS



RD4825 and RD9615 cabinets are made of high quality digital dimmers and may contain up to 8 independent dimmer modules with 6 or 12 channels each.

These self-contained 19" 3U rack modules can be configured in units of 12 x 3.6kW or 6 x 5.7kW.

Dimmer modules can be easily removed and reinstalled, for example, in Case Flight-type systems such as system FR4815.

These systems were designed for professional applications, such as stage and studio lighting, including TV, whenever individual plug-in modularity is not required.

MAIN FEATURES

- Zero-cable drawer type units for simple installation and easy service.
- Built-in opto-insulated DMX splitter.
- Offers the possibility to set the number of channels per cabinet (up to 96) as well as its power.
- Possibility to combine, in the same cabinet, 3.6KW channels (multiples of 12) and 5.7KW channels (multiple of 6).
- Without modifying the cabinet, allows the replacement 3.6KW 12-channel dimmers for 6-channel 5.7KW (with the inherent connection of the channels in parallel)
- Connecting cables (supply and outputs) can be installed at the top, bottom or back side of the cabinet.
- The interior of the cabinets offers enough space to work and ensure adequate ventilation.

TECHNICAL SPECIFICATIONS

- 500A power bars.
- Efficiency > 98%.
- Dimensions (HxWxD): 1980x700x800mm.
- For further details, please see the table below.

SAFETY AND PROTECTION

- One MCB per channel.
- One 63A RCD ($\Delta I=30mA$) per dimmer.
- Air cooling: DC fan thermally controlled.
- 3-Phase monitor with individual fuse.
- One protected 16A Schuko outlet for general use.
- Cables, PCB and insulating materials with self-extinguishing properties according to the UL94 V0 standard.
- This equipment complies with all applicable European Directives.

POWER SUPPLY

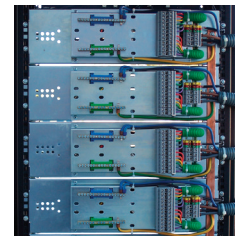
- Star 230V / 400V, 3NPE (TN-S), 50HZ.

POWER SUPPLY CONNECTION

- Hardwired output connections (standard)
- 6mm or 10mm DIN rail terminal blocks, depending on output power per channel.



Drawer types units



Hardwired outputs



500A Power bars

Models	Dimmer Models	Dimmer Qty.	Total channels	Output power per channel @230V [kW]	Rated current per phase (A)
RD4825	D625	8	48	5.7	25
RD9615	D1215	8	96	3.6	15



S6 | S6P | S9 | S9P

DMX512 SPLITTERS



These **DMX512 Splitters** units feature one input and six or nine outputs.

Splitters **S6** and **S6P** have one input and six outputs, five of which are opto-isolated from each other and also with regard to the entry.

Splitters **S9** and **S9P** have one input and nine outputs, eight of which are opto-isolated from each other and also with regard to the entry.

P models have all the output (opto-insulated) connectors mounted on the front panel. The non-insulated output has a parallel on back panel. Other models have all the connectors on the back panel.

MAIN FEATURES

- 2 LED monitors on the front panel, one for power-on and the other for DMX presence.
- 19"x1U front panel.

TECHNICAL SPECIFICATIONS

- Inputs: DMX512 / 1990 (XLR5).
- Outputs: XLR5.
- Insulation voltage from input: 2.5KVac-RMS (1 minute).
- Weight: 2Kg.

XLR5 PINOUT

- Pin 1 - GND
- Pin 2 - DATA (-)
- Pin 3 - DATA (+)
- Pin 4 - not connected
- Pin 5 - not connected

POWER SUPPLY

- 230V, NPE, 50Hz.

SAFETY AND PROTECTION

- External fuse (back panel).
- Opto-insulated DMX input.
- Cables, PCB and insulating materials with self-extinguishing properties according to the UL94 V0 standards.
- This equipment complies with all applicable European Directives.

DIMENSIONS

