# PRODUCT DATASHEET
# DR P 500W 220-240V 215V P

LED DRIVER FOR LED STRIP HIGH VOLTAGE 230V | Constant voltage led driver with 215V output voltage



## Areas of application

- General indoor illumination
- General outdoor illumination
- Industry and construction site
- Offices, retail outlets and conference rooms
- Architecture lighting
- Decorative illumination

## Product benefits

- Simple and quick connection thanks to twist lock functionality
- Increased LED strip luminous efficiency and luminous output in combination with LED driver
- Low flicker light thanks to LED driver DR P 500W 220-240V 215V P
- Perfectly matched to 230V AC LED flexible strips
- Quick and simple installation
- Good efficiency and reliability

## Product features

- Available in 500 W
- Prewired cables for mains supply connection and led strip
- Supply voltage: 220…240 V
- Operating frequency: 50/60 Hz
- Overtemperature protection, output circuit short protection, output circuit over voltage protection
- Lifetime: up to 50,000 h (at max. Ta temperature)
- Type of protection: IP66

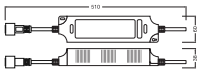

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# TECHNICAL DATA

## Electrical data

| | |
|---|---|
| Nominal wattage | 500.00 W |
| Nominal output power | 500 W |
| Nominal voltage | 220…240 V |
| Nominal output voltage | 215 V |
| Input voltage AC | 198…264 V |
| U-OUT (working voltage) | 215 V |
| Type of current | AC/DC |
| Nominal current | 2330 mA |
| Nominal output current | 2330.000 mA |
| Output ripple current (100 Hz) | 8 % |
| Mains frequency | 50/60 Hz |
| Power factor λ | > 0.90 |
| ECG efficiency | 94 % |
| Max. ECG no. on circuit breaker 10 A (B) | 3 |
| Max. ECG no. on circuit breaker 25 A (B) | 8 |
| Surge capability (L-N) | 1 kV |

## Dimensions & Weight



| | |
|---|---|
| Length | 510.00 mm |
| Width | 60.00 mm |
| Height | 38.00 mm |
| Cable cross-section, input side | 1.0 $mm^2$ |
| Product weight | 900.00 g |

## Colors & materials

| | |
|---|---|
| Product color | White |
| Casing material | Plastic |
| Body material | Plastic |

## Temperatures & operating conditions

| | |
|---|---|
| Ambient temperature range | -20…+45 °C |
| Maximum temperature at tc test point | 85 °C |


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| | |
|---|---|
| Temperature range in operation | -20…+45 °C |
| Permitted rel. humidity during operation | 0…93 % |

## Lifespan

| | |
|---|---|
| ECG lifetime | 50000 h |
| Number of switching cycles | 25000 |

## Capabilities

| | |
|---|---|
| Dimmable | No |
| Dimming interface | Not dimmable |
| Overheating protection | Yes |
| Short-circuit protection | Yes |

## Certificates & Standards

| | |
|---|---|
| Approval marks – approval | CE / UKCA / EAC |
| Protection class | II |
| Type of protection | IP66 |

## LOGISTICAL DATA

| | |
|---|---|
| Temperature range at storage | -20…+80 °C |

## Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Do not open enclosure-housing.
- Disconnect mains before installation.
- Thermal protection type: Circuit protection.
- Non-isolating control gear between input and output.

## DOWNLOAD DATA

| | Documents and certificates | Document name |
|---|---|---|
| PDF | User instruction / safety instructions | G11288780 LED STRIP HV 230V PFM |
| PDF | Legal information | Informationstext 18 Abs 4 ElektroG |
| PDF | Legal information | G11294863 Safety Insert |
| PDF | Legal information | G11295794 Legal Insert |
| PDF | Declarations of conformity | DR P |
| PDF | Declarations of conformity UKCA | DR P |


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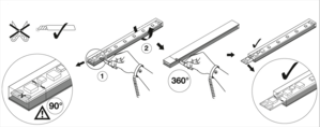
| | Tender texts | Document name |
|---|---|---|
| | Tender documents | LED DRIVER FOR LED STRIP HIGH VOLTAGE 230V 500W 220 240V 215V P-en |

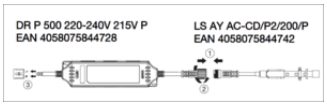
## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075844728 | Folding box<br>1 | 67 mm x 372 mm x 52 mm | 994.00 g | 1.30 $dm^3$ |
| 4058075844735 | Shipping box<br>10 | 392 mm x 352 mm x 139 mm | 10485.00 g | 19.18 $dm^3$ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## ADDITIONAL CATALOG INFORMATION




## DISCLAIMER

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