

LED Driver 24 V · 2 A

Isolated AC–DC switch-mode power supply | Constant voltage | IP20

24V

CONSTANT VOLTAGE LED DRIVER



48<sup>W</sup>

RATED OUTPUT POWER

149.5 × 39.5 × 29.5 mm

HOUSING L × W × H

| VOLTAGE | CURRENT | POWER | EFFICIENCY | ISOLATION | INGRESS |
|---------|---------|-------|------------|-----------|---------|
| 24 V DC | 2 A     | 48 W  | ≥ 80 %     | Class II  | IP20    |

INPUT

|                         |               |
|-------------------------|---------------|
| AC voltage range        | 220–240 V AC  |
| Operating voltage range | 140–390 V AC  |
| AC input current        | -             |
| Power factor            | ≥ 0.5         |
| Rated input power       | -             |
| Efficiency              | ≥ 80 %        |
| Frequency               | -             |
| High-voltage endurance  | 380 V AC, 8 h |

OUTPUT

|                    |           |
|--------------------|-----------|
| Output voltage     | 24 V ±10% |
| Output current     | ≤ 2 A     |
| Output power, max. | 48 W ±10% |

PROTECTION

|                         |                        |
|-------------------------|------------------------|
| Over-voltage / overload | Yes                    |
| Short circuit           | Yes, with auto restart |
| Topology                | Flyback                |
| Dielectric strength     | 3.7 kV                 |
| Insulation resistance   | 4 MΩ at 500 V DC       |
| Isolation class         | Class II               |
| Surge withstand         | 4 kV                   |

ENVIRONMENTAL

|                        |               |
|------------------------|---------------|
| Operating ambient      | -             |
| Case temperature, max. | -             |
| Operating humidity     | 10 to 95 % RH |

MECHANICAL

|                      |                                |
|----------------------|--------------------------------|
| Housing material     | PC (FR grade)                  |
| Housing colour       | White                          |
| Dimensions L × W × H | 149.5 × 39.5 × 29.5 mm (±5 mm) |
| Weight               | 170 ±20 g                      |

COMPLIANCE

|                        |   |
|------------------------|---|
| Safety standard        | - |
| BIS / CRS registration | - |
| RoHS                   | - |

LIFETIME AND WARRANTY

|            |   |
|------------|---|
| Rated life | - |
| Warranty   | - |

AVAILABLE RANGE

12 V

2 A

3 A

5 A

8 A

10 A

24 V

1 A

2 A

3 A

this sheet

available