

Product Data Sheet

Article number (will be added by Beslag Design):

971223

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|-------------------|--------------------|---------------|--------------------------|
| Produced by KG | Date 2017-10-25 | Replaces - | Valid from 2017-10-25 |
|-------------------|--------------------|---------------|--------------------------|

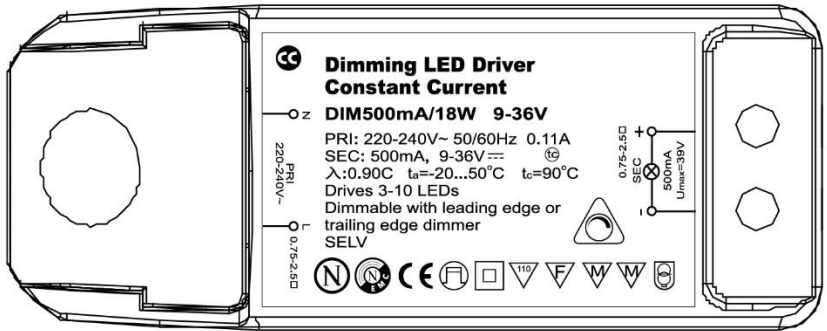
Company information

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|---------------------|---------------------------------------|-------------------------|---------------------|
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Product Data

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|-----------------------------------|---|
| Product name | Triac18 500mA/18W Complete |
| Article No. | 971223 |
| Versions | N/A |
| Description | 220-240V LED Driver, Constant Voltage Driver, dimmable with leadingedge or trailing edge dimmer |
| Product material | Polycarbonate housing |
| Surface finish | Red / grey |
| Dimensions (mm) | 113x44x28mmmm |
| Connection type | Captured Terminal Screw for 0.75~2.5 mm ² |
| Distributor | 6-way ESP distributor with female connections, 150mm cord length |
| Main lead | 3000mm with 2-pin European plug |
| Electrical characteristics | Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified |
| Insulation degree | Class II thermally protected 110, independent driver |
| IP rating | IP20 |
| Input Parameters | |
| Rated Input Voltage | 220-240VAC |
| Input Current (Full load) | 0.11A |
| Input Frequency | 50/60Hz |
| Maximum Input Power | 24W |
| Power Factor (Full load) | ≥0.90 |
| THD(Full load) | N/A |
| Efficiency (Full load) | ≥78% |
| No-load power | N/A |
| Inrush current(Max) | ≤5.0A |
| Turn on time | ≤500ms |
| Output parameters | |
| Output Voltage | 9-36V |
| Output Current (Full load) | 500mA±5% |
| Output Power (Full load) | 18W |
| Operating Frequency | 50KHz |
| Ripple & Noise | ≤300mA |
| Load Regulation | ≤5% |
| Line Regulation | ≤5% |
| Ambient | |
| Storage Temperature | -20 ...+ 70°C |
| Operating Ambient Temperature | -20 ...+ 50°C |

Product Data Sheet

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| Case Temperature at tc Point | 90°C |
| Relative humidity | 5 ...85% |
| Protection | |
| No Load | Auto-recovery if fault is removed |
| Over Load | Auto-recovery if fault is removed |
| Short Circuit | Auto-recovery if fault is removed |
| System Parameters | |
| Hi-pot | 1min, 0.5mA < Idetect < 5mA, Min 4000 Vrms |
| Life span (h) | 30,000Hours |
| Compliance and approvals | |
| Standards | EN61347-2-2-13:2014 EN61347-1:2008;A1;A2 EN62493:2010 EN55015:2013 EN61547:2009 EN61000-3-2:2014 EN61000-3-3:2013 |
| Markings |  <p>Dimming LED Driver Constant Current DIM500mA/18W 9-36V</p> <p>PRI: 220-240V~ 50/60Hz 0.11A SEC: 500mA, 9-36V --- λ: 0.90C ta=-20...50°C tc=90°C Drives 3-10 LEDs Dimmable with leading edge or trailing edge dimmer SELV</p> <p>0.75-2.5D 220-240V~ 0.75-2.5D SEC 500mA Umax=36V</p> |
| Total weight (kg) | 0,253 |
| Packaging size (WxDxH) | N/A |
| Other: | <p>1. All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.</p> <p>3. Expected Life:tc=80°C,0.2%/1000h failure rate</p> <p>No-Load Protection Independent SELV or Isolating converters</p> |

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| Energy label | N/A |
| Care instructions | N/A |
| Mounting instructions | To be mounted with screws or self-adhesive tape |
| Eco-labeling | N/A |
| Licens number | N/A |
| Packaging material | PE-bag |
| Recycling instructions | Device is subject to the European Community directives 2002/96/CE and 2003/108/CE and shall be handed in at a waste deposit center |