

Description

The L05020 LEDlight 1-12VA 350/700mA is an LED Driver which supplies 350 or 700mA.

Input / Output

| | | | |
|------------------------------|---|-----------------------|---|
| System Input Voltage Nominal | 110-240V | Driver Efficiency | 82% |
| System Input Frequency | 50/60Hz | Power Factor | 0.9C |
| System Input Power | 14.6W | Nominal Line current | |
| Output current | 350mA or 700mA | Output Voltage ripple | |
| Operating Voltage Output | Depending on the no. of LEDs, but 32V max. at 350mA and 15V at 700mA | Output power | 1 Watt (min.) 12 Watt (max.) |

Approvals

| | |
|----------------|---|
| | CE, ENEC, KEMA KEUR |
| Immunity | EN 61547 |
| EMI/RFI | EN 55015 (Conducted disturbance) EN 61000-3-2 (Harmonics & crest limits) |
| Performance | EN 62384 |
| Safety | EN 61347-2-13 |
| RohS compliant | Yes |

Load

| | | | |
|----------------------------------|--|--------------------------------|---------------------------------|
| LED type | Current | Thermal protection | Yes, against overheating |
| Number of LED's at 350mA | 1-9 LED's of 1.2W in serie (max. forward voltage 32V) | Output current overshoot | No |
| Number of LED's at 700mA | 1-5 LED's of 2.3W in serie (max. forward voltage 15V) | Output Isolation | Yes Selv: Yes |
| Dimmer type | none | Noise Level | |
| Load Operating Frequency | | Circuit Lifetime | 50.000hrs @ Ta 35°C |
| Open Circuit Voltage | 32V | Ambient Temperature range (Ta) | -20 +50°C |
| Short circuit protection | Yes | Max. Case temperature (Tc) | <85°C |
| Open circuit protection | Yes | Storage Temperature range | -20 +50°C |
| Overvoltage protection | Yes | Failure Rate | nihil |
| Load voltage Setting Time (>90%) | 0.5sec | | |

Packaging

| | | | |
|------------------------|---|---------------------|----------------|
| Potting | No | weight | 70 gram |
| Leads Pri. | H05RN-F 1mm2 | Case color | grey |
| Leads Sec. | 0.25mm² – 1.0mm² | Maximum case height | 23.5mm |
| Lead Connection Method | Clamp | Maximum case width | 39mm |
| Mounting Method | Screw | Maximum case length | 99mm |