

Model Name

ED-SIN 50W350I 220-240

1) Compliances and Approvals

| | |
|-----------------------------|----------------|
| Approval markings | CE,F-mark,IP20 |
| Construction Classification | Build in |
| Application | Class I |
| RoHS/REACH | ROHS |

2) Technical data for installation

| | Min. | Nom. | Max. | |
|--------------------------------------|------|---------|------|------|
| Rated mains voltage | | 220-240 | | Vrms |
| Operational mains voltage limits | 198 | | 264 | Vrms |
| Mains frequency for Safety | 45 | 50-60 | 66 | Hz |
| Maximum driver per MCB | | | 12 | Pcs |
| operational mains temperature limits | -15 | | 45 | °C |
| DC voltage operation | | NA | | |

3) Performance

| | IEC 62384:2006, GB24825-2009 | Min. | Nom. | Max. | |
|--------------------------------------|------------------------------|------|------|------------|------|
| Performance standard | IEC 62384:2006, GB24825-2009 | | | | |
| Output Voltage | | 60 | | 140 | Vrms |
| Output Current | | | 0.35 | | A |
| Output Current Tolerance | | 95% | | 105% | |
| Output Voltage Tolerance | | | NA | | |
| Percent of the output current ripple | | | | 5% | |
| output voltage ripple | | | NA | | mV |
| System Efficiency | | | 90% | | |
| Powerfactor | | | 0.98 | | |
| THD | | | | 10% | |
| Input Power@ None Load | | | | 0.5W | |
| Protection | OVP, SCP | | | | |
| Thermal protection | | | | 110 degree | |
| Turn-on delay time | | | | 0.5 | s |

4) Immunity & EMI

| | | |
|---------------|------------------|---------------|
| EMI & Imunity | EN55015, EN61547 | |
| - surge | | LN 1.2kV test |

5) Robustness

| | | | | |
|---------------------|---|-------------|-------------------|----|
| Withstand voltage | | | | |
| - Input-output | | | NA | |
| - Input-FG | | | 2kV | |
| Failure rate | 0.25%/ 1000Hrs | <0.1%@1000h | | |
| Maximum Tcase | | | 70 | °C |
| Life by T case Life | 10% failures @ 30,000 @ Tc 70Deg@ full load | 30000h | <10% fail rate@Tc | |

6) Mechanical

| | | |
|------------------|----------|----------|
| Connection | TYPE 250 | |
| Housing | | |
| Housing material | METAL | |
| Weight | | 0.158 kg |

| L | W | H | M1 |
|----|----|----|-----|
| 28 | 30 | 21 | 270 |

