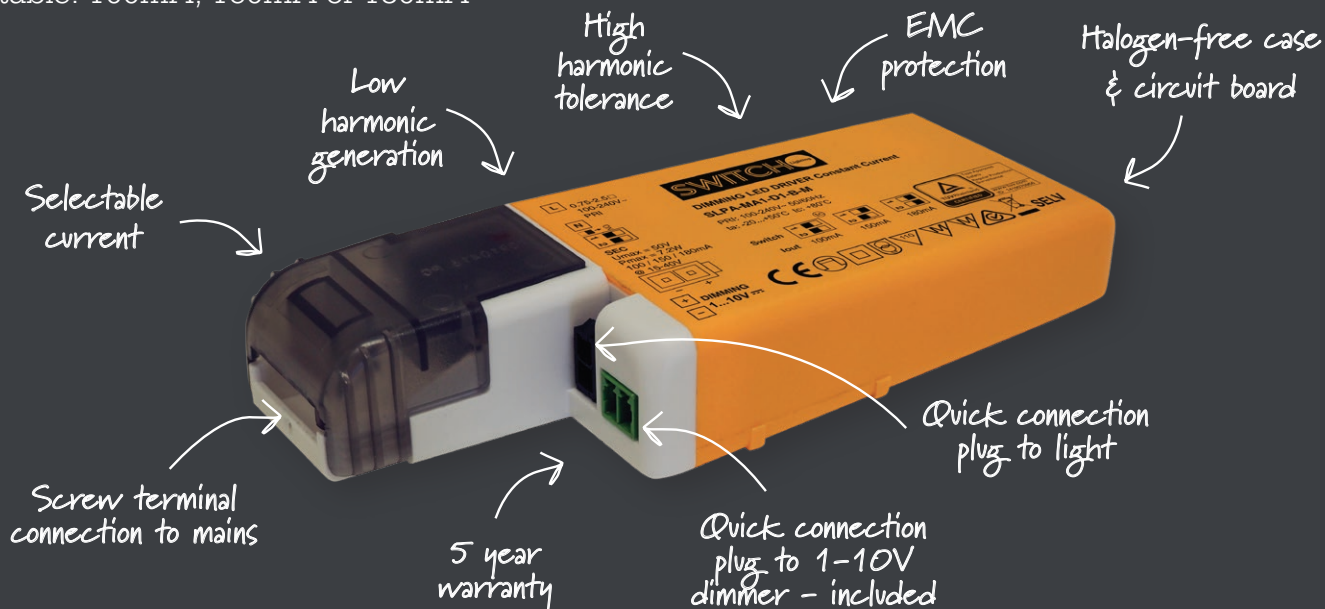


## Marine driver SLPA-MA1-D1-B-M

Low THD, Halogen-free, constant current LED Driver

Selectable: 100mA, 150mA or 180mA



|                                  | SLPA-MA1-D1-B-M                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                            | 1-10V and PWM Dimmable LED driver                                                                                                                                                            |
| Dimensions                       | L 129mm x W 52mm x H 22mm                                                                                                                                                                    |
| Power factor                     | 0.95                                                                                                                                                                                         |
| Input voltage                    | 100-240VAC                                                                                                                                                                                   |
| Mains frequency                  | 50-60 Hz                                                                                                                                                                                     |
| Output voltage                   | 15-40VDC                                                                                                                                                                                     |
| Output current - selectable      | 100mA   150mA   180mA                                                                                                                                                                        |
| Output power                     | 7.2W max                                                                                                                                                                                     |
| Efficiency at full load          | 85%                                                                                                                                                                                          |
| Insulation coverable             | ✓                                                                                                                                                                                            |
| Dimming range                    | 3-100%                                                                                                                                                                                       |
| Flicker                          | <1% at all output power options and dimming levels                                                                                                                                           |
| THD immunity                     | complies with EN 61000-4-13 (<12%)                                                                                                                                                           |
| THD output                       | complies with EN 61000-3-2 (<8%)                                                                                                                                                             |
| Ambient temp (Ta)                | -20...+50°C                                                                                                                                                                                  |
| Maximum case temp (Tc)           | 80°C                                                                                                                                                                                         |
| Thermal protection               | 110°C                                                                                                                                                                                        |
| Over voltage protection          | ✓                                                                                                                                                                                            |
| Short circuit protected          | ✓                                                                                                                                                                                            |
| Open circuit protected           | ✓                                                                                                                                                                                            |
| Input wire size                  | 0.75 - 2.5mm                                                                                                                                                                                 |
| Marine protection                | Fully potted                                                                                                                                                                                 |
| Rating                           | IP20                                                                                                                                                                                         |
| Halogen free                     | Case, circuit board, potting, cables and quick connects                                                                                                                                      |
| Compliance                       | EN 55015:2013+A1, EN 61000-3-2:2014<br>EN 61000-3-3:2013, EN 61547:2009<br>EN 61347-1:2015<br>AS/NZS 61347.1:2016+A1:2018<br>EN 61347-2-13:2014+A1:2017<br>AS 61347.2.13:2018, EN 62493:2015 |
| Driver to dimmer connector model | TE-284506-2 (supplied)                                                                                                                                                                       |
| Driver to light connector model  | 2 way Mini Universal MATE-N-LOK fitted with crimped sockets.<br>AMP p/n 172336-1                                                                                                             |

### Dimensions

