

ELP3X3CS

Elektronic LED Power Supply
Drive 1...3 x 3W/700mA LED
IP65



I. Technical Data

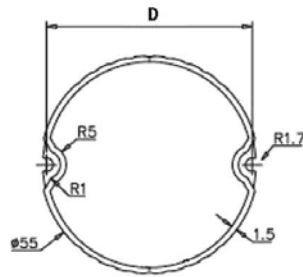
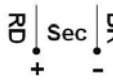
| Allgemein | |
|------------------------------|--|
| Input voltage: | 100...240V AC |
| Input current: | 0,16A |
| Frequency: | 50/60Hz |
| Output current: | 700mA |
| Output voltage: | 3V...10,5VDC |
| Load: | 1...3 x 3W/700mA LED |
| Power factor: | ≥0,45 (@25°C with full load) |
| Efficiency: | ≥65% (@full load) |
| No-load loss: | ≤ 0,5W |
| Reliability (MTBF): | ≥50000 hours (@ 25°C with full load) |
| Ambient temperature: | -20°C...50°C |
| Surface temperature: | max. 80°C |
| Dimmable: | No |
| Sicherheit und Schutz | |
| Protection class: | IP65 |
| Isolation class: | Class II, SELV |
| Over temperature protection: | integrated, automatic resettable after temperature descending |
| Short circuit protection: | integrated, automatic resettable after temperature descending |
| Isolation voltage: | 4200V AC / 5mA / 1min |
| Normen und Approval | |
| Safety Norm: | EN61347-2-13:2006, EN61347-1:2001, EN60598-1:2004+A1:2006 |
| LVD Norm: | Low voltage Directive 2006/95/EC |
| EMC Norm: | EN55015:2006, EN61547:1995+A1:2000 EN61000-3-2:2006, EN61000-3-3:1995+A1:2001+A2:2005 |
| Approval: | INTERTEK SEMKO |
| CE Marking: | Yes |
| RoHS compatible: | Yes |

II. Construction

Drawing for input



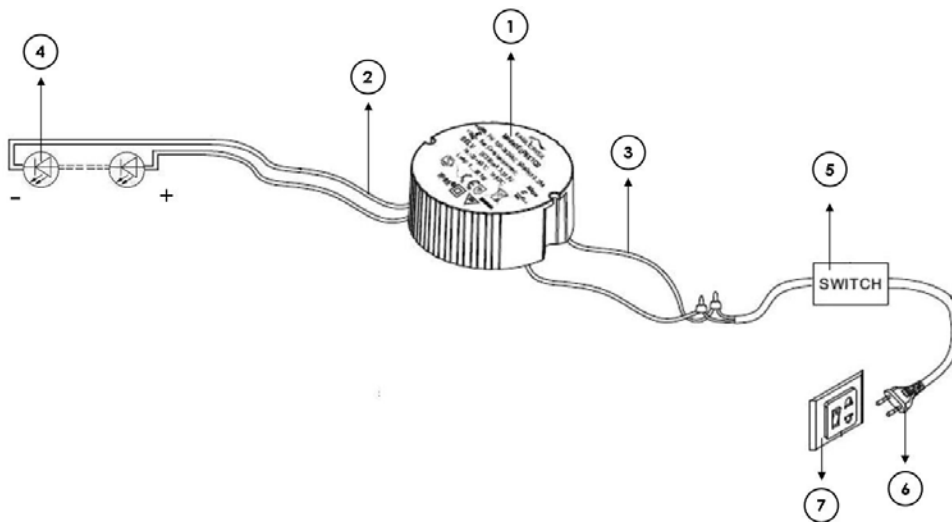
Drawing for output



Unit: mm

| Dimension | |
|----------------|--|
| Diameter: | D=52,1mm |
| Height: | H=22,1mm |
| Fixture: | Fixing with 2 x M3 screws |
| Input drawing | |
| Input cable: | Blue(BL): Null line (N) Brown(BN): Live line (L) Cable length: 180mm |
| Output drawing | |
| Output cable: | Red(RD): Positive output (+) Black(BK): Negative output (-) Cable length 130mm (max. 2m) |

III. Installation



Please refer to the statement for cable colour in the input and output drawing of housing. The output cable can be allowed max. 2,5m to extend.



DANGER! Don't work with connecting electric power! The components in this device may have deadly voltage und high stored energy! All installation works must be performed with specialized personnel!

| Components | |
|------------|---------------------------------------|
| 1* | LED driver / device body |
| 2 | Input cable |
| 3 | Output cable (max. 2m) |
| 4* | 1...2 x 3W/700mA LED |
| 5* | Switch (optional) |
| 6* | Inout plug |
| 7* | Electric power source (220...240V AC) |

* not inclusive in the product packing