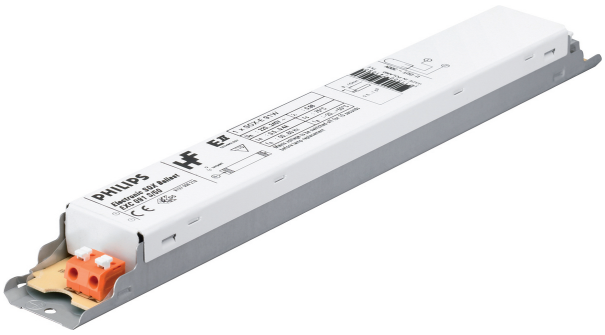


# EXC for SOX

## EXC 91 SOX-E 220-240V 50/60Hz

Electronic drivers for SOX lamps; designed to save energy and reduce maintenance costs

## Product data

### • General Information

| | |
|---|---|
| Application Code | EII |
| Lamp Type | SOX-E |
| Number Of Lamps | 1 piece/unit |
| Number Of Products On MCB (16A Type B) (Nom) | 12 |
| Automatic Restart | No |

### • Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Input Frequency | 50 to 60 Hz |
| Minimum Mains Voltage Operation (Min) | 180 V |
| Operating Frequency (Nom) | 45 kHz |
| Power Factor 100% Load (Nom) | 0.95 |
| Ignition Voltage (Max) | 1.0 kV |
| Ignition Voltage (Min) | 0.6 kV |
| Ignition Switch-Off Time (Nom) | 0.08 min |
| Mains Voltage Performance (AC) | -8%-+6% |
| Mains Voltage Safety (AC) | -10%-+10% |
| Earth Leakage Current (Nom) | 0.5 mA |
| Output Peak Voltage (Max) | 1000 V |
| Inrush Current Width | 0.22 ms |
| Lamp Power Toler-ance | -10%/+10% |
| Input Current (Nom) | 0.41 A |
| Inrush Current Peak (Max) | 50 A |

### • Wiring

| | |
|---|---|
| Cable Capacity | 1000 pF |
| Output Wires Mutual (Nom) | |
| Cable Length From Device To Lamp | 10 m |
| Wire Striplength | 8.0 mm |
| Ballast Contact Wire Cross Section | 0.50-2.50 mm² |
| Connector Type | Insert |

### • System characteristics

| | |
|---|---|
| Rated Ballast-Lamp Power | 91 W |
| Rated Lamp Power On SOX-E | 91 W |
| System Power On SOX-E | 93.0 W |
| Lamp Power On SOX-E | 87.0 W |
| Power Loss On SOX-E | 6.0 W |

### • Temperature

| | |
|---|---|
| T-Ambient (Max) | 50 °C |
| T-Ambient (Min) | -20 °C |
| T-Storage (Max) | 80 °C |
| T-Storage (Min) | -40 °C |
| T-Case Lifetime (Nom) | 75 °C |

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# EXC for SOX

| | |
|---|---|
| T-Case Switch Off (Min) | 75 °C |

- Mechanical and Housing

| | |
|---|---|
| Housing | L 335x39x28 |

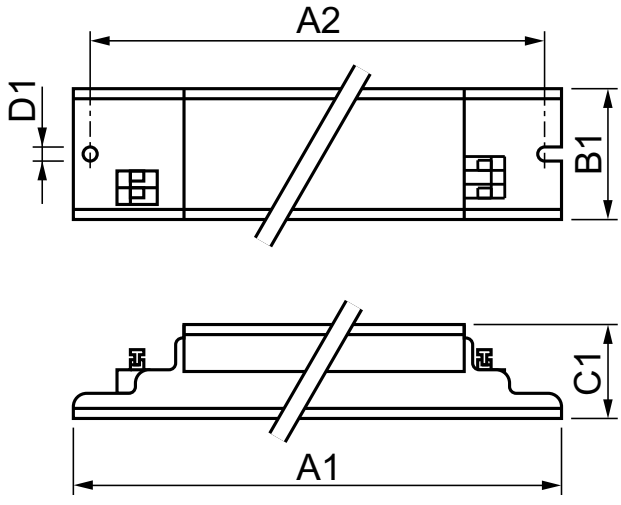
- Approval and Application

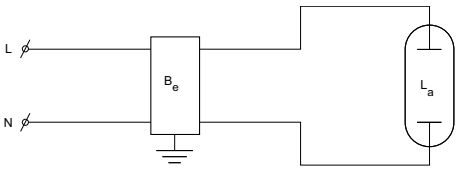
| | |
|---|---|
| IP Classification Luminaire | 20 |
| EMI 9 kHz ... 300 MHz | CISPR 15 ed 7.1 |
| Safety Standard | EN60928, 60926 |
| Quality Standard | ISO 9000:2000 |
| Environmental Standard | ISO 14001 |
| Harmonic Current Emission Standard | EN 60555.2 |
| Vibration Standard | IEC 68-2-6 Fc |
| Bumps Standard | IEC 68-2-29 Eb |
| Humidity Standard | IEC 928-13 |
| Approval Marks | CE marking<br>ENEC certificate<br>CB Certificate |
| Hum And Noise Level | 37 dB(A) |

- Product Data

| | |
|---|---|
| Full product code | 871150074108030 |
| Order product name | EXC 91 SOX-E 220-240V 50/60Hz |
| EAN/UPC - Product | 8711500741080 |
| Order code | 913700621866 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 913700621866 |
| Net Weight (Piece) | 0.320 kg |

## Dimensional drawing




EXC 91 SOX-E 220-240V 50/60Hz

| Product | D1 | C1 | A1 | A2 | B1 |
|---|---|---|---|---|---|
| EXC 91 SOX-E 220-240V 50/60Hz | 4.2 mm | 28.0 mm | 335.0 mm | 325.0 mm | 39.0 mm |

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data subject to change