

**PHILIPS**

**Lighting**



# Product Description

## Green Starters

Range of glow switches for igniting fluorescent lamps with electromagnetic gear. 2-pin ignitor in plastic (flame-retardant polycarbonate) canister and radio-interference suppression capacitor

### Benefits

- Premium quality ensures trouble-free operation; extremely low early replacements reduce maintenance costs
- The world's only starters which are radioactive free and lead free, avoiding hazardous substances in manufacturing and recycling. Philips 'Green Flagship Award' for outperforming competitors
- Safe end-of-life behaviour prevents safety issues
- Redesigned canister top with a special notch; easy to install and replace with a screwdriver or with improved grip reducing installation time and cost
- Flame-retardant components for additional security
- Easily distinguished from counterfeit starters by specific shape with narrowed top, embossed range information and indented pins (patent-protected design)
- UV-resistant canister protects against unsafe conditions

## Green Starters

### Features

- Premium reliability with less than 100 early failures per million products (<100 ppm)
- Premium reliability with 10000 switches guaranteed
- No hazardous radioactive isotopes used for activating the glow switch
- Lead-free and compliant with European RoHS legislation (Reduction of Hazardous Substances)
- Secure, safe and fast ignition on both inductive (L) and capacitive (LC) lighting systems acc. to IEC 60155
- Controlled preheating of the lamp filaments and sufficient pulse voltage for longer lamp life (>25% compared with cheap starters)
- Canister shape designed for a better grip while installing and replacing the starter
- Green insulation plate to identify these lead-free and radioactive-free environment-friendly starters
- Different green printing for visual distinction between S2 and S10 (S2 = light green / S10 = dark green)

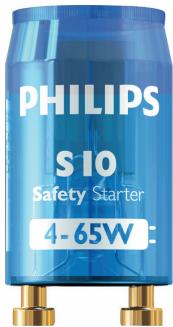
### Application

- Ignition of fluorescent lamps of all brands with conventional electromagnetic ballasts using TL-D (T8), TL (T12), TL mini and PL-L lamps
- S2 starters are suitable for 110/130 V 4-22 W single applications, 220/240 V 4-6-8-15-18-22 W single applications and 220/240 V 4-22 W series applications. It is recommended for 220/240 V 18 W single applications for optimal performance
- S10 starters are suitable for 220/240 V 13, 4-65 W single applications. It is required for 220/240 V 13 W single applications

### Versions



LPPR STARTER 0001



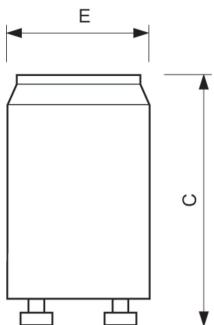
LPPR STARTER PHL 0003



LPPR STARTER PHL 0004

## Green Starters

### Dimensional drawing



Product	C (max)	E (max)
S10 4-65W SIN 220-240V WH 2PF/10	40.3 mm	21.5 mm
S10 4-65W SIN 220-240V WH UNP/12X25BOX	40.3 mm	21.5 mm
S2 4-22W SER 220-240V WH 2PF/10	40.3 mm	21.5 mm
S2 4-22W SER 220-240V WH BOX/12X25	40.3 mm	21.5 mm

### Product details



S2, 4-22W, WH

#### Operating and Electrical

Voltage (Nom)	220-240 V
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#### Mechanical and Housing

Housing Color	White
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#### Operating and Electrical

Order Code	Full Product Name	Power Consumption
928392220285	S10 4-65W SIN 220-240V WH 2PF/10	4 W
928392210103	S10 4-65W SIN 220-240V WH UNP/12X25BOX	4 W

Order Code	Full Product Name	Power Consumption
928390710103	S2 4-22W SER 220-240V WH BOX/12X25	22 W
928390720285	S2 4-22W SER 220-240V WH 2PF/10	22 W

