



## Product Description

### Ecoclick Starters

Range of premium-quality glow switch starters for igniting fluorescent lamps with electromagnetic ballast.

#### Benefits

- The only starter that offers fast, easy installation with no need to use any extra tools
- No irritation – even firmly stuck starters can be removed easily
- Eco-friendly, recyclable concept (free of lead and radioactivity)
- More than 25% longer lamp life; lower maintenance costs compared with lower-quality, non-IEC-compliant starters
- Optimal connectivity through brass components and oxidation-resistant brass pins
- Flame-retardant components and UV-resistant canister for additional safety and secure ignition (validated by Underwriters Laboratories UL)

#### Features

- Redesigned canister top with 2 installation notches into which the pins of another starter fit perfectly (patented innovation)
- Radioactive-free (patented) and lead-free (RoHS-compliant)
- Premium reliability with 10,000 safe switches
- 2-pin igniter in plastic (flame-retardant polycarbonate) canister with high-quality radio-interference suppression capacitor
- Well-defined preheat and peak voltage ensure proper ignition

#### Application

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

**PHILIPS**

## System

- Starter replacement recommended when replacing fluorescent lamps

## Related products

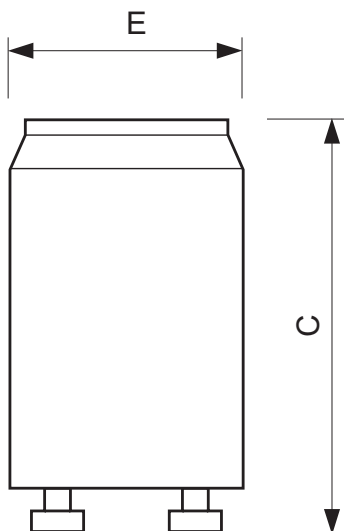


S10, 4-65W, WH



S2, 4-22W, WH

## Dimensional drawing



### S2 4-22W SER 220-240V WH EUR

Product	C (Max)	E (Max)
S2 4-22W SER 220-240V WH EUR	40.3	21.5
S2 4-22W SER 220-240V WH EUR	40.3	21.5
S2 4-22W SER 220-240V WH EUR	40.3	21.5
S10 4-65W SIN 220-240V WH EUR	40.3	21.5
S10 4-65W SIN 220-240V WH EUR	40.3	21.5
S10 4-65W SIN 220-240V WH EUR	40.3	21.5

## General Characteristics

Order code	Full product name	System Description	Colour of the Housing
697691 28	S10 4-65W SIN 220-240V WH EUR	Single	White
697691 31	S10 4-65W SIN 220-240V WH EUR	Single	White
697691 56	S10 4-65W SIN 220-240V WH EUR	Single	White
697509 28	S2 4-22W SER 220-240V WH EUR	Series	White
697509 31	S2 4-22W SER 220-240V WH EUR BOX	Series	White
697509 56	S2 4-22W SER 220-240V WH EUR	Series	White

## Electrical Characteristics

Order code	Full product name	Lamp Wattage	Voltage	Non Reclosure Voltage
697691 28	S10 4-65W SIN 220-240V WH EUR	4-65 W	220-240 V	140 (min) V
697691 31	S10 4-65W SIN 220-240V WH EUR	4-65 W	220-240 V	140 (min) V
697691 56	S10 4-65W SIN 220-240V WH EUR	4-65 W	220-240 V	140 (min) V
697509 28	S2 4-22W SER 220-240V WH EUR	4-22 W	220-240 V	70 (min) V
697509 31	S2 4-22W SER 220-240V WH EUR BOX	4-22 W	220-240 V	70 (min) V
697509 56	S2 4-22W SER 220-240V WH EUR	4-22 W	220-240 V	70 (min) V



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data subject to change