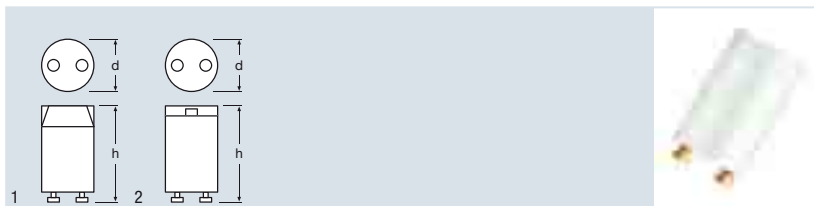


## Starters for single circuits on 230 V<sub>AC</sub>



| Product reference             | Product number | I<br>[mm] |      | <br>No. |
|-------------------------------|----------------|-----------|------|---------|
| ST 111 TRY25 <sup>1)</sup>    | 4050300854045  | 40        | 400  | 1       |
| ST 111 HT TRY25 <sup>2)</sup> | 4050300854021  | 40        | 400  | 1       |
| ST 111 GRP <sup>1)</sup>      | 4050300270166  | 40        | 1200 | 1       |
| ST 171 TRY25                  | 4050300854106  | 40        | 200  | 2       |
| ST 171 GRP                    | 4050300422855  | 40        | 1200 | 2       |
| ST 173 TRY25                  | 4050300854120  | 40        | 200  | 2       |

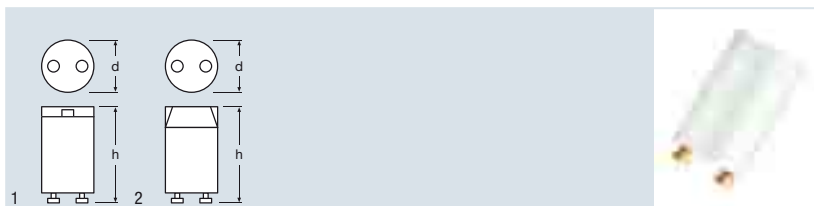
<sup>1)</sup> Not suitable for L 70 W

<sup>2)</sup> Not suitable for L 70 W | Temperature range -20 °C...+100 °C

### Product benefits

- Temperature range for reliable cut-out: -20...+80 °C

## Starters for series circuits on 230 V<sub>AC</sub>

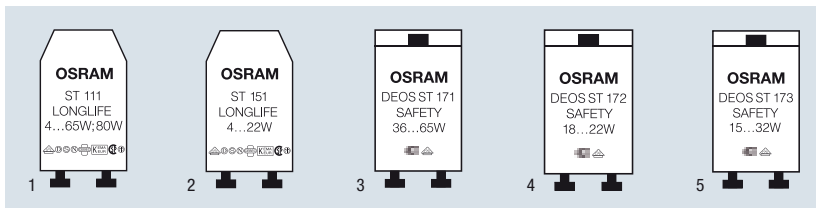


| Product reference | Product number |      | <br>No. |
|-------------------|----------------|------|---------|
| ST 172 TRY25      | 4050300854069  | 200  | 1       |
| ST 151 TRY25      | 4050300854083  | 400  | 2       |
| ST 151 GRP        | 4050300012803  | 1200 | 2       |

### Product benefits

- Temperature range for reliable cut-out: -20...+80 °C

## Starters



| Product reference                     | Product number | For fluorescent lamps |                 |                  |                 |    |    |    |    |    |                   | For OSRAM DULUX® L |      |     |        |
|---------------------------------------|----------------|-----------------------|-----------------|------------------|-----------------|----|----|----|----|----|-------------------|--------------------|------|-----|--------|
|                                       |                | 4                     | 10              | 15               | 18              | 22 | 30 | 38 | 36 | 58 | 18                | 36                 | 1    | No. | 2      |
|                                       |                | 6                     | 13              | 16 <sup>6)</sup> | 20              | W  | 32 | W  | 40 | 65 | 24                | W                  |      |     |        |
|                                       |                | 8                     | W               | W                | W               | W  | W  | W  | 80 | W  | W                 |                    |      |     |        |
|                                       |                | W                     |                 |                  |                 |    |    |    | W  |    |                   |                    |      |     |        |
| Single circuit on 230 V <sub>AC</sub> |                |                       |                 |                  |                 |    |    |    |    |    |                   |                    |      |     |        |
| ST 111 TRY25 <sup>5)</sup>            | 4050300854045  | X                     | X               | X                | X               | X  | X  | X  | X  | X  | X                 | X                  | 40.3 | 1   | 25/400 |
| ST 111 GRP <sup>5)</sup>              | 4050300270166  | X                     | X               | X                | X               | X  | X  | X  | X  | X  | X                 | X                  | 40.3 | 1   | 1200   |
| ST 111 HT TRY25 <sup>3)5)</sup>       | 4050300854021  | X                     | X               | X                | X               | X  | X  | X  | X  | X  | X                 | X                  | 40.3 | 1   | 400    |
| ST 171 TRY25                          | 4050300854106  |                       |                 |                  |                 |    |    |    | X  | X  | X <sup>1)</sup>   | X                  | 40.3 | 3   | 25/200 |
| ST 171 GRP                            | 4050300422855  |                       |                 |                  |                 |    |    |    | X  | X  | X <sup>1)</sup>   | X                  | 40.3 | 3   | 1200   |
| ST 173 TRY25                          | 4050300854120  |                       | X               | X                | X               | X  |    |    |    |    | X                 |                    | 40.3 | 5   | 25/200 |
| Series circuit on 230 V <sub>AC</sub> |                |                       |                 |                  |                 |    |    |    |    |    |                   |                    |      |     |        |
| ST 151 TRY25                          | 4050300854083  | X <sup>2)</sup>       | X <sup>2)</sup> | X <sup>2)</sup>  | X <sup>2)</sup> |    |    |    |    |    | X <sup>2)4)</sup> |                    | 40.3 | 2   | 25/400 |
| ST 151 GRP                            | 4050300012803  | X <sup>2)</sup>       | X <sup>2)</sup> | X <sup>2)</sup>  | X <sup>2)</sup> |    |    |    |    |    | X <sup>2)4)</sup> |                    | 40.3 | 2   | 1200   |
| ST 172 TRY25                          | 4050300854069  |                       |                 | X <sup>2)</sup>  | X <sup>2)</sup> |    |    |    |    |    | X <sup>2)4)</sup> |                    | 40.3 | 4   | 25/200 |

### OSRAM high-quality starters ST 111 LONGLIFE, ST 151 LONGLIFE, ST 171 SAFETY, ST 172 SAFETY, ST 173 SAFETY

OSRAM starters ignite every time, reliably and quickly. And they are gentle on lamps. Each starter is subjected to strict manufacturing and quality control tests. All starters have a self-extinguishing insulated casing made of Makrolon® and meet the conditions laid down for protection class II.

They are equipped with a special compensating capacitor (foil winding capacitor), are VDE approved and carry the and marks.

To ensure reliable ignition we recommend that you also replace the starter when you replace the lamp – except in the case of DEOS® SAFETY.

- Switching life: from ≥ 10,000 switching operations to ≥ 60,000 switching operations in inductive mode
- 20 % longer life with fluorescent lamps

### Features and benefits of DEOS® ST 171 SAFETY, DEOS® ST 172 SAFETY and DEOS® ST 173 SAFETY

- DEOS® ST 171 SAFETY, DEOS® ST 172 SAFETY and DEOS® ST 173 SAFETY are safety starters
- DEOS® ST 172 SAFETY is a safety starter for series circuits (tandem circuits)
- DEOS® ST 171 SAFETY, DEOS® ST 172 SAFETY and DEOS® ST 173 SAFETY are designed to operate with conventional control gear (CCG) and low-loss gear (LLG)
- They reliably disconnect burnt-out or faulty lamps under inductive or capacitive operating conditions
- They are instantly ready for operation when the red button is pressed in (there must be an audible click)
- The automatic cutout circuit protects the choke and the starter itself
- Four times the life of conventional starters
- To ensure reliable ignition and operation the DEOS® ST should be replaced after every four lamp replacements.
- Temperature range for reliable cutout: -20°C...+80°C

1) Except L 65 W...JK 570 mm L 80 W/...

2) Also for single operation on 110/127 V<sub>AC</sub>

3) Temperature range -20 °C to +100 °C

4) Not suitable for OSRAM DULUX® L and F 24 W in series operation

5) Not suitable for L 70 W

6) 16 W not suitable for series operation