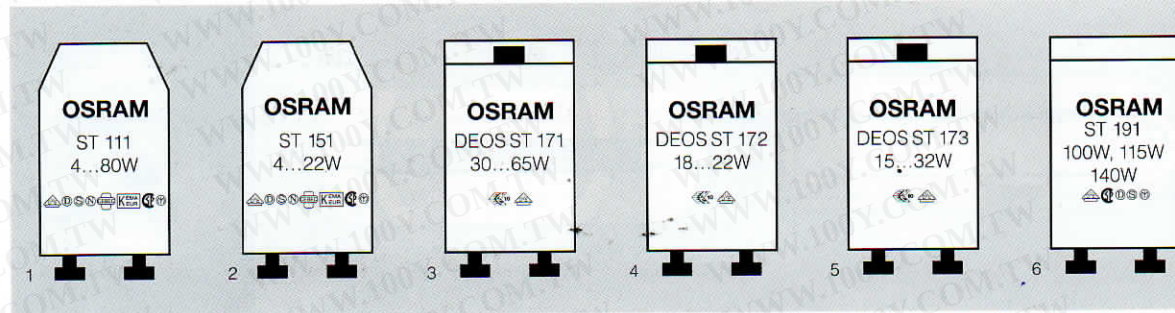


# STARTERS

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)



## OSRAM HIGH-QUALITY STARTERS ST 111, ST 151, ST 171, ST 172, ST 173 AND ST 191.

OSRAM starters ignite every time, reliably and quickly. And they are easier on lamps. Each starter is subjected to strict manufacturing and quality-control tests.

OSRAM starters are made of self-extinguishing MAKROLON and fulfil the conditions laid down for Safety Class II.

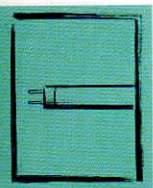
OSRAM starts are VDE approved.

They carry the following approval marks:  .

To ensure reliable ignition, we recommend that you also replace the starter when you replace the lamp (this is not necessary with DEOS® starters).

The DEOS® ST 171, DEOS® ST 172 and DEOS® ST 173 fused starters offer the following special advantages:

- DEOS® ST 171 and DEOS® ST 173 are fused starters
- DEOS® ST 172 is a fused starter for series connection
- DEOS® ST 171, DEOS® ST 172 and DEOS® ST 173 are designed to operate with conventional control gear (CCG) and low-loss gear (LLG)
- Reliable cut-out of burnt-out or defective lamps under inductive or capacitive operating conditions
- Instant restart by pressing the red button
- Automatic cut-out, for control gear and starter safety
- The service life is four times longer than that of conventional starters
- Temperature range for reliable cut-out:  
 – 20 °C to + 80 °C.



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| Starter reference                | For fluorescent  |    |                  |                  |                  |    |    |    |                  |                  | For DULUX® L     |                  | No. | 4050300       |
|----------------------------------|------------------|----|------------------|------------------|------------------|----|----|----|------------------|------------------|------------------|------------------|-----|---------------|
|                                  | 4                | 10 | 15               | 18               | 22               | 30 | 38 | 36 | 58               | 100              | 18               | 36               |     |               |
|                                  | 6                | 13 | 16               | 20               | W                | 32 | W  | 40 | 65               | 115              | 24               | W                |     |               |
|                                  | 8                | W  | W                | W                |                  | W  |    | W  | 80               | 140              |                  |                  |     |               |
|                                  | W                |    |                  |                  |                  |    |    |    | W                | W                |                  |                  |     |               |
| For single operation on 230 V AC |                  |    |                  |                  |                  |    |    |    |                  |                  |                  |                  |     |               |
| ST 111 10ER                      | X                | X  | X                | X                | X                | X  | X  | X  | X                | X                | X                | X                | 1   | 10/200 004679 |
| ST 111 50ER                      | X                | X  | X                | X                | X                | X  | X  | X  | X                | X                | X                | X                | 1   | 50/800 012780 |
| ST 111 GRP                       | X                | X  | X                | X                | X                | X  | X  | X  | X                | X                | X                | X                | 1   | 1200 012773   |
| ST 171 10ER                      |                  |    |                  |                  |                  | X  | X  | X  | X <sup>(1)</sup> |                  | X                | X                | 3   | 10/200 422817 |
| ST 171 50ER                      |                  |    |                  |                  |                  | X  | X  | X  | X <sup>(1)</sup> |                  | X                | X                | 3   | 50/800 422831 |
| ST 171 GRP                       |                  |    |                  |                  |                  | X  | X  | X  | X <sup>(1)</sup> |                  | X                | X                | 3   | 1200 422855   |
| ST 173 10ER                      |                  |    | X                | X                | X                | X  |    |    |                  | X                | X                | X                | 5   | 10/200 400747 |
| ST 173 50ER                      |                  |    | X                | X                | X                | X  |    |    |                  | X                | X                | X                | 5   | 50/800 400761 |
| ST 173 GRP                       |                  |    | X                | X                | X                | X  |    |    |                  | X                | X                | X                | 5   | 1200 400785   |
| ST 191 50ER                      |                  |    |                  |                  |                  |    |    |    |                  | X                |                  |                  | 6   | 50/800 012810 |
| For series operation on 230 V AC |                  |    |                  |                  |                  |    |    |    |                  |                  |                  |                  |     |               |
| ST 151 10ER                      | X <sup>(2)</sup> |    | X <sup>(2)</sup> | X <sup>(2)</sup> | X <sup>(2)</sup> |    |    |    |                  | X <sup>(2)</sup> | X <sup>(2)</sup> | X <sup>(2)</sup> | 2   | 10/200 004686 |
| ST 151 50ER                      | X <sup>(2)</sup> |    | X <sup>(2)</sup> | X <sup>(2)</sup> | X <sup>(2)</sup> |    |    |    |                  | X <sup>(2)</sup> | X <sup>(2)</sup> | X <sup>(2)</sup> | 2   | 50/800 270203 |
| ST 151 GRP                       | X <sup>(2)</sup> |    | X <sup>(2)</sup> | X <sup>(2)</sup> | X <sup>(2)</sup> |    |    |    |                  | X <sup>(2)</sup> | X <sup>(2)</sup> | X <sup>(2)</sup> | 2   | 1200 012803   |
| ST 172 10ER                      |                  |    |                  | X <sup>(2)</sup> | X <sup>(2)</sup> |    |    |    |                  | X <sup>(2)</sup> | X <sup>(2)</sup> | X <sup>(2)</sup> | 4   | 10/200 308333 |
| ST 172 50ER                      |                  |    |                  | X <sup>(2)</sup> | X <sup>(2)</sup> |    |    |    |                  | X <sup>(2)</sup> | X <sup>(2)</sup> | X <sup>(2)</sup> | 4   | 50/800 312316 |
| ST 172 GRP                       |                  |    |                  | X <sup>(2)</sup> | X <sup>(2)</sup> |    |    |    |                  | X <sup>(2)</sup> | X <sup>(2)</sup> | X <sup>(2)</sup> | 4   | 1200 308357   |

