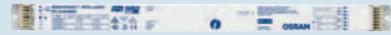


QUICKTRONIC® INTELLIGENT QTl



QTl 1x14/24/21/39
QTl 1x28/54
QTl 1x35/49/80



QTl 2x14/24/21/39
QTl 2x28/54
QTl 2x35/49
QTl 2x35/49/80

Your benefits:

- Optional operation of HO and HE lamps of equal length
- 50,000 hours lifetime*
- Preheat start within 1 second
- Constant light output for $U_N = 198V$ to $264V$
- Reliable lamp ignition at $t_a = -20^\circ C$ to $+50^\circ C$
- Cut-Off technology
- Suitable for luminaires of PC I and II
- EEI = A2
- Automatic safety shut down at end of lamp life or in case of failure acc. to EoL T.2
- Automatic ignition after lamp replacement
- Suitable for emergency lighting (DC operation, 0 Hz)
- CW terminals for manual and robotic wiring

* for $t = 70^\circ C$ at t_a ; max. failure rate of 10 %

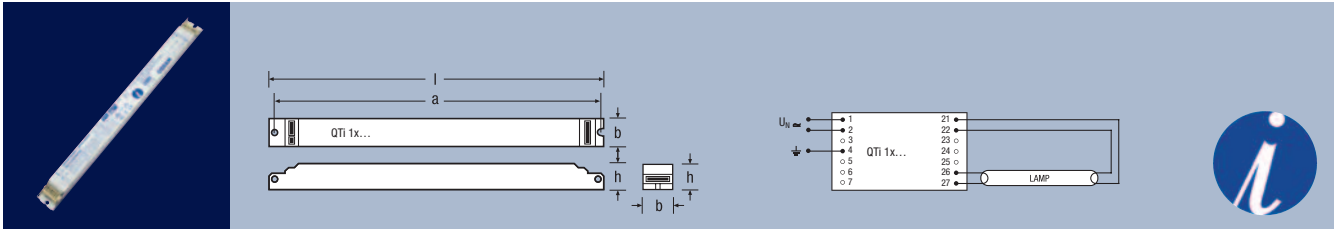
QUICKTRONIC® INTELLIGENT QTl

More flexibility and less complexity, thanks to intelligent lamp detection.

SEE THE WORLD IN A NEW LIGHT



TECHNICAL DATA



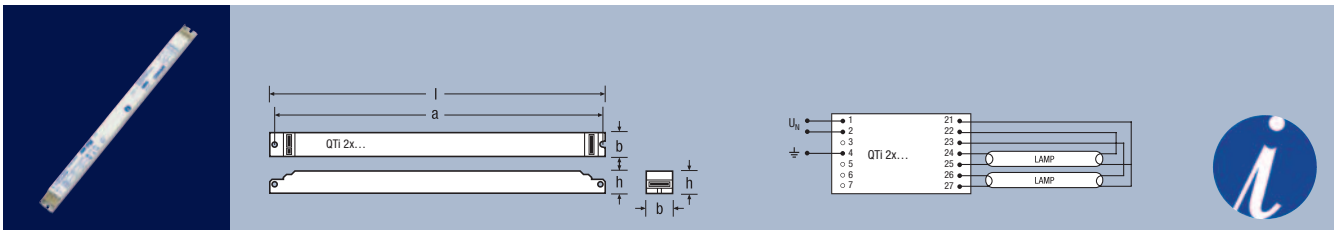
| Product reference | Product number | | V ¹ min-max | V min-max | kHz ECG | A | λ | W SYSTEM | W LAMP | lm ² | °C min-max | l [mm] | b [mm] | h [mm] | | | |
|-------------------|----------------|--|---------------------------|--------------|------------|---|---|-------------|-----------|-----------------|---------------|-----------|-----------|-----------|--|--|--|
|-------------------|----------------|--|---------------------------|--------------|------------|---|---|-------------|-----------|-----------------|---------------|-----------|-----------|-----------|--|--|--|

QUICKTRONIC® INTELLIGENT for HE and HO lamps – single-lamp application

| | | | | | | | | | | | | | | | | | | |
|-------------------|---------------|---------|-----------|-----------|---------|------|------|----|----|------|-----------|-----|----|----|-----|----|-----|--|
| QTi 1x14/24/21/39 | 4050300796871 | 1xHE 14 | 198...264 | 176...264 | 45...70 | 0.09 | 0.97 | 16 | 14 | 1200 | -20...+50 | 360 | 30 | 21 | 350 | 20 | 310 | |
| | | 1xHO 24 | | | | 0.13 | 0.98 | 27 | 24 | 1750 | | | | | | | | |
| | | 1xHE 21 | | | | 0.12 | 0.98 | 25 | 21 | 1900 | | | | | | | | |
| | | 1xHO 39 | | | | 0.19 | 0.98 | 43 | 39 | 3100 | | | | | | | | |
| QTi 1x28/54 | 4050300796857 | 1xHE 28 | 198...264 | 176...264 | 45...70 | 0.15 | 0.98 | 32 | 28 | 2600 | -20...+50 | 360 | 30 | 21 | 350 | 20 | 310 | |
| | | 1xHO 54 | | | | 0.27 | 0.99 | 61 | 54 | 4450 | | | | | | | | |
| QTi 1x35/49/80 | 4050300796833 | 1xHE 35 | 198...264 | 176...264 | 45...70 | 0.16 | 0.97 | 39 | 35 | 3300 | -20...+50 | 360 | 30 | 21 | 350 | 20 | 310 | |
| | | 1xHO 49 | | | | 0.25 | 0.98 | 55 | 49 | 4300 | | | | | | | | |
| | | 1xHO 80 | | | | 0.40 | 0.98 | 91 | 80 | 6150 | | | | | | | | |
| | | 1xDL 80 | | | | 0.40 | 0.98 | 91 | 80 | 6000 | | | | | | | | |

¹ Sinusoidal line voltage

² As with fluorescent lamps in general, the rated luminous flux for T5 fluorescent lamps is specified at 25 °C. The maximum luminous flux here however is measured at 34 °C to 38 °C.



| Product reference | Product number | | V ¹ min-max | V min-max | kHz ECG | A | λ | W SYSTEM | W LAMP | lm ² | °C min-max | l [mm] | b [mm] | h [mm] | | | |
|-------------------|----------------|--|---------------------------|--------------|------------|---|---|-------------|-----------|-----------------|---------------|-----------|-----------|-----------|--|--|--|
|-------------------|----------------|--|---------------------------|--------------|------------|---|---|-------------|-----------|-----------------|---------------|-----------|-----------|-----------|--|--|--|

QUICKTRONIC® INTELLIGENT for HE and HO lamps – double-lamp application

| | | | | | | | | | | | | | | | | | | |
|-------------------|---------------|---------|-----------|-----------|---------|------|------|-----|------|--------|-----------|-----|----|----|-----|----|-----|--|
| QTi 2x14/24/21/39 | 4050300797090 | 2xHE 14 | 198...264 | 176...264 | 45...70 | 0.15 | 0.97 | 32 | 2x14 | 2x1200 | -20...+50 | 423 | 30 | 21 | 415 | 20 | 390 | |
| | | 2xHO 24 | | | | 0.24 | 0.98 | 54 | 2x24 | 2x1750 | | | | | | | | |
| | | 2xHE 21 | | | | 0.21 | 0.98 | 47 | 2x21 | 2x1900 | | | | | | | | |
| | | 2xHO 39 | | | | 0.39 | 0.98 | 88 | 2x39 | 2x3100 | | | | | | | | |
| QTi 2x28/54 | 4050300797076 | 2xHE 28 | 198...264 | 176...264 | 45...70 | 0.29 | 0.98 | 63 | 2x28 | 2x2600 | -20...+50 | 423 | 30 | 21 | 415 | 20 | 390 | |
| | | 2xHO 54 | | | | 0.53 | 0.99 | 119 | 2x54 | 2x4450 | | | | | | | | |
| QTi 2x35/49 | 4050300796895 | 2xHE 35 | 198...264 | 176...264 | 45...70 | 0.35 | 0.97 | 79 | 2x35 | 2x3300 | -20...+50 | 423 | 30 | 21 | 415 | 20 | 390 | |
| | | 2xHO 49 | | | | 0.48 | 0.98 | 110 | 2x49 | 2x4300 | | | | | | | | |
| QTi 2x35/49/80 | 4008321174291 | 2xHE 35 | 198...264 | 198...276 | 45...90 | 0.34 | 0.95 | 74 | 2x35 | 2x3300 | -20...+50 | 423 | 30 | 21 | 415 | 20 | 400 | |
| | | 2xHO 49 | | | | 0.46 | 0.97 | 101 | 2x49 | 2x4300 | | | | | | | | |
| | | 2xHO 80 | | | | 0.74 | 0.99 | 165 | 2x80 | 2x6150 | | | | | | | | |
| | | 2xDL 80 | | | | 0.74 | 0.99 | 165 | 2x80 | 2x6000 | | | | | | | | |

¹ Sinusoidal line voltage

² As with fluorescent lamps in general, the rated luminous flux for T5 fluorescent lamps is specified at 25 °C. The maximum luminous flux here however is measured at 34 °C to 38 °C.



OSRAM System* Guarantee

If OSRAM ECGs and LUMILUX® fluorescent lamps are used together (selected series or types), OSRAM offers a full five-year guarantee for the QUICKTRONIC® electronic control gear and a three-year guarantee for the LUMILUX® fluorescent lamps. For the System* Guarantee the lighting system must be registered with OSRAM. For terms and conditions and information on registration go to www.osram.com/system-guarantee.