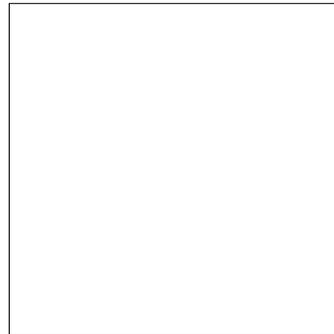
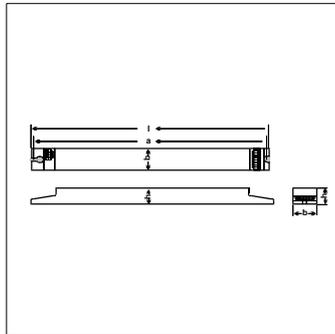


Electronic control gear
QUICKTRONIC® PROFESSIONAL, two-lamp version
QTP 2x36/230-240



Reference :	QTP 2x36/230-240	for lamp :	2x L 36 (L 38)
Mains voltage [V] :	230/240	Permissible voltage fluctuations [V] :	198 - 264
Permissible battery voltage [V] :	154 - 276	Lamp start :	Warm start within 2 s
Mains frequency [Hz] :	0/50 - 60	Operating frequency [kHz] :	30
Mains current at 230 V/240 V/ A :	0,31	Power factor [c] :	approx. 0,98
System wattage at 230 V/240 V [W] :	70 (70)	Lamp wattage at 230 V/240 V [W] :	64 (64)
Luminous flux [lm] :	2 x 3200	Temperature range [°C] :	-25 - +50
Radio interference suppression :	to DIN VDE 0875/CISPR 15/EN 55015	Harmonics :	to DIN VDE 0712 Part 23/IEC 929/IEC 555-2/EN 60929
Immunity :	to EN 61547	Length l [mm] :	423
Width b [mm] :	30	Height h [mm] :	30
Distance between holes a [mm] :	415	Standard pack [pcs] :	20
Weight [g] :	415	EAN 40 50300 :	479217

Fully electronic high-frequency control gear for fluorescent lamps represent a major advance in low-maintenance, energy-saving lighting.

Comfort:

- Flicker-free ignition, flicker-free light, no distracting hum
- No flashing or flickering of faulty lamps

Economy:

- 27% lower power consumption
- Lower maintenance costs since there are fewer lamps and no starters to replace
- QUICKTRONIC® SHORT, QUICKTRONIC® DE LUXE DIMMABLE for applications with more than 10 switching operations a day
- Reduced load on air conditioning systems

Electronic control gear
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Safety:

- Safety shutdown of the power supply to defective lamps
- Compliance with European standards for safety, operation and EMC
- Overvoltage protective cutout for short-duration voltage surges (DIN VDE 160) and for temporary overvoltages
- Greater fire protection because lamps operate at lower temperatures and luminaires can be constructed to meet the EN 60598/DIN 60598/DIN VDE 0710 and DIN VDE 0711 standards
- Can be used in emergency lighting systems to DIN VDE 0108.

Families:

- QUICKTRONIC® INSTANT START: the low-cost ECG for applications in which lamps are switched on and off only infrequently.
Now with constant output, making them suitable for damp-proof luminaires
- QUICKTRONIC® PROFESSIONAL, the universal warm-start ECG with constant output
- QUICKTRONIC® SHORT, the short wide alternative to QUICKTRONIC® PROFESSIONAL.
Ideal for all fluorescent lamps and DULUX® L, particularly in applications with frequent switching.

Applications:

- used in modern fluorescent lighting systems in:
- offices, computer centres, department stores/supermarkets
 - production facilities with
 - long working/lighting hours
 - rotating machinery
 - hazardous areas
 - sound studios, hospitals, factories
 - tunnels/underground car parks, emergency lighting.

General:

- Supply voltage: 230V/240V
 - Mains frequency: 0/50 to 60 Hz
 - Lamp start: warm start within 2 s.
 - Radio interference suppression: to DIN VDE 0875/CISPR 15/EN 55015
 - Mains harmonics: to DIN VDE 0712 Part 23/IEC 929/IEC 555-2 EN 60929
 - Immunity to EN 61547
-
- Battery voltage may drop to 176 V. Lamps must be ignited at over 198 V however. 100 % luminous flux in dc operation.
 - Approx. 0.1 s restart time after a changeover interruption of < 0.2 s
 - The luminous flux value for QTP 1x36/230-240, QTP 1x58/230-24, QTP 2x36/230-240, QTP 2x58/230-24 are 96% of the luminous flux of the choke/starter circuit

THERE IS LIGHT. AND THERE IS OSRAM.

OSRAM