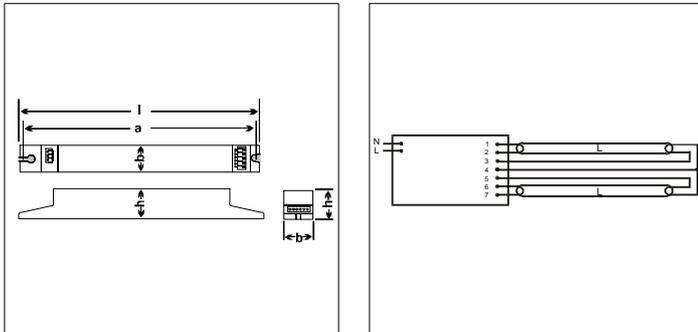


Electronic control gear
QUICKTRONIC® for FH lamps, two-lamp version
QT-FH 2x14/230-240



Reference :	QT-FH 2x14/230-240	for lamp :	2x FH 14 W
Mains voltage [V] :	230/240	Permissible voltage fluctuations [V] :	198 - 254
Permissible battery voltage [V] :	176 - 254	Lamp start :	Warm start within 2 s
Mains frequency [Hz] :	0/50 - 60	Operating frequency [kHz] :	approx. 40
Mains current [A] :	0,13	Power factor [c] :	0,99
System wattage [W] :	30,5	Luminous flux [lm] :	2 x 1350
Temperature range [°C] :	-15 - +50	Radio interference suppression :	to DIN VDE 0875/CISPR 15/EN 55015
Harmonics :	to DIN VDE 0712 Part 23/IEC 929/EN 61000-3-2	Immunity :	to EN 61547
Length l [mm] :	359	Width b [mm] :	30
Height h [mm] :	30	Distance between holes a [mm] :	350
Standard pack [pcs] :	20	Weight [g] :	270
EAN 40 50300 :	434742		

QUICKTRONIC® for T5/16 mm diameter fluorescent lamps are electronic high-frequency control gear.

T5/16 mm diameter fluorescent lamps represent a new generation of lighting systems. They combine compact lamp dimensions (16 mm diameter) with slim ECGs with small cross-sections, giving luminaire manufacturers enormous freedom to design stylish luminaires with excellent directional lighting. T5/16 mm diameter fluorescent lamps can only be operated with electronic control gear.

There are two system families:

1. QUICKTRONIC® QT-FH available in 14W, 21W, 28W and 35W models. Designed for maximum luminous efficacy (104 lm/W).
2. QUICKTRONIC® QT-FQ available in 24W, 39W, 54W and 80W models. Designed for maximum luminous flux (up to 7000 lm for FQ 80W).

Comfort:

- Flicker-free ignition

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- Pleasant, flicker-free light with no stroboscopic effects thanks to high-frequency operation
- Comfortable lighting with no distracting hum thanks to fully electronic operation
- No flashing or flickering; the electronic fault monitoring circuit disconnects defective lamps.

Economy:

- Very high system luminous efficacy with the FH® system, thanks in particular to cut-off technology
- High luminous flux with the FQ® system
- Long life because the lamp is not exposed to high stresses thanks to cut-off technology
- Low maintenance costs thanks to long life and longer relamping intervals
- Reduced load on air conditioning systems because less power is dissipated.

Safety:

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

Applications:

FH® system: efficient office lighting, display cabinet lighting, strip lighting
FQ® system: direct/indirect lighting, industrial 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/EN 61000-3-2
- Immunity to EN 61547

Same luminous flux for AC and DC operation.

Battery voltage may drop to 176 V. Lamps must be ignited at over 198 V however.

THERE IS LIGHT. AND THERE IS OSRAM.

OSRAM