

QT 2X35/49/80/220...240 DIM

QUICKTRONIC INTELLIGENT DIM T5 | ECG dimmable 1...10 V for FL 16 mm



- Emergency lighting systems acc. to EN 50172 / DIN VDE 0108-100

Product benefits

- Same luminous flux with direct and alternating current
- Perfect lamp start for applications with motion sensors
- Dimming of amalgam lamps without flickering or reduced lifespan
- Very high efficiency thanks to cut-off technology
- Automatic restart after lamp replacement
- ECGs comply with MINERGIE standard due to very low standby consumption
- Configurable emergency power characteristics

Product features

- Control via 1...10 V interface
- Supply voltage: 220...240 V
- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Line voltage: 198...264 V
- Dimming range: 1...100 % luminous flux
- Lamp start: within 0.6 s
- Life time: >100,000 h (for T = 65°C at T_C)
- Automatic shutdown of defective lamps and at end of life (EoL T.2)
- Suitable for luminaires of protection class I



- Energy Efficiency Index EEL: A1 BAT
- Overtemperature protection: Thermal management at high T_c temperatures
- Safety: to EN 61347-2-3

Technical data

Electrical data

Nominal voltage	220...240 V
Mains frequency	50...60 Hz
DC voltage	154...276 V
Operating frequency	44...120 kHz

Light technical data

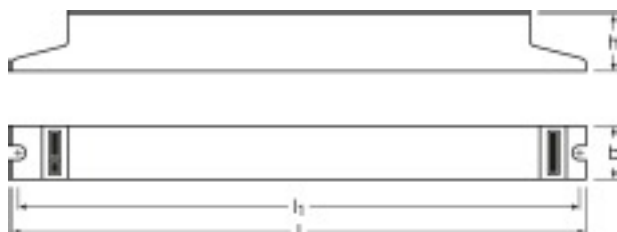
Starting time	0.6 s ¹⁾
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¹⁾ Optimized preheat start

Dimensions & weight

Length	423.0 mm
Width	30.0 mm
Height	21.0 mm
Mounting hole spacing, length	415.0 mm
Product weight	370.00 g
Wire preparation length, input side	8.0...9.0 mm ¹⁾
Wire preparation length, output side	8.0...9.0 mm ¹⁾

¹⁾ Combi wiring



Product line drawing with letters

Temperatures

Ambient temperature range	+10...+50 °C
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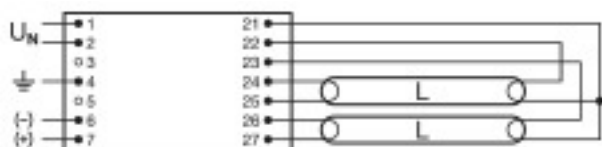
Capabilities

Dimming interface	1...10 V
Dimming range	1...100 % ¹⁾
Dimmable	Yes
Suitable for fixtures with prot. class	I

¹⁾ luminous flux

Certificates & standards

Approval marks – approval	VDE / E1 approval / VDE-EMC
EEI – Energy Label	A1 BAT
Standards	acc. to EN 61347-2-3 / acc. to EN 60929 / acc. to EN 55015:2006 + A1:2007 / acc. to EN 61000-3-2 / acc. to EN 61547



Wiring diagram

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300870984	Unpacked 1	20 mm x 33 mm x 424 mm	370.00 g	0.28 dm ³
4050300870991	Shipping carton box 20	170 mm x 96 mm x 435 mm	7642.00 g	7.10 dm ³

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.