

PRODUCT DATASHEET QT-ECO 1X18...24 S

QUICKTRONIC® ECONOMIC | ECG for FL 7 mm and CFL



Areas of application

- Public buildings

Product benefits

- Compact housing
- Automatic restart after lamp replacement
- Large input voltage range

Product features

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 50 Hz
- Energy Efficiency Index EEI: A2 / A3 (depending on lamp)
- Automatic shutdown of defective lamps and at end of life (EoL)

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TECHNICAL DATA

Electrical data

Nominal wattage	23,00 W
Nominal voltage	220240 V
Input voltage DC	176254 V
U-OUT (working voltage)	250 V
Inrush current	13 A
Mains frequency	50 Hz ¹⁾
Max. ECG no. on circuit breaker 10 A (B)	36
Max. ECG no. on circuit breaker 16 A (B)	59
Operating frequency	3545 kHz

1) Approximately

Light technical data

Starting time	1,5 s
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Dimensions & Weight

Length	80.00 mm
Mounting hole spacing, length	72,075,0 mm
Width	40.00 mm
Width (incl. round luminaires) [Calc.]	40.00 mm
Height	22.00 mm
Height (incl. cylin. luminaires) [calc.]	22.00 mm
Product weight	50,00 g

Colors & materials

Casing material	Plastic
Body material	Plastic

Temperatures & operating conditions

Ambient temperature range	-15+50 °C	
Maximum temperature at tc test point	70 °C	
Max.housing temperature in case of fault	110 °C	
Permitted rel. humidity during operation	585 % ¹⁾	

1) Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	30000 h ¹⁾

1) $T_c = 70$ °C, with max. 10% failure rate

Capabilities

Dimmable	No	
Max. cable length to lamp/LED module	1.0 m / 0.5 m	
Suitable for fixtures with prot. class	1711	
End of lamp life safety shutdown	EOL T.2	

Certificates & Standards

Approval marks – approval	VDE / VDE-EMC
Standards	Acc. to EN 61347-2-3 / Acc. to EN 55015:2006 + A1:2007 / Acc. to IEC 61000-3-2 / Acc. to EN 61547
Protection class	I
Type of protection	IP20
Energy efficiency class	A3
EEI – Energy Label	A3

LOGISTICAL DATA

Temperature range at storage -40+85 °C	

DOWNLOAD DATA

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PDF	PRODUCT DATASHEET
PDF	PRODUCT DATASHEET
PDF	Certificates
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