OSRAM

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)

TECHNICAL DATA

Electrical data

Nominal wattage	23.00 W
Nominal voltage	220...240 V
Input voltage DC	176...254 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	35...45 kHz

[1] Approximately

Light technical data

Starting time	1.5 s

Dimensions & Weight

Length	80.00 mm
Mounting hole spacing, length	72,0...75,0 mm
Width	40.00 mm
Height	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	5...85 % [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	I / II
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

	Documents and certificates
PDF	User instruction
PDF	Declarations Of Conformity CE
PDF	Certificates

	CAD/BIM files
PDF	CAD data 3D PDF

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300638560	Unpacked 1		51.00 g	
4050300655253	Shipping box 50	212 mm x 142 mm x 170 mm	2791.00 g	5.12 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

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