

# 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 VLine 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	220240 V
Input voltage DC	176254 V
U-OUT (working voltage)	250 V
Inrush current	13 A
Mains frequency	50 Hz <sup>1)</sup>
Max. ECG no. on circuit breaker 10 A (B)	36
Max. ECG no. on circuit breaker 16 A (B)	59
Operating frequency	3545 kHz

<sup>1)</sup> Approximately

# Light technical data

Starting time	1.5 s

# **Dimensions & Weight**

Length	80.00 mm	
Mounting hole spacing, length	72,075,0 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	585 % <sup>1)</sup>

<sup>1)</sup> Maximum 56 days/year at 85 %

# Lifespan

ECG lifetime	30000 h <sup>1)</sup>
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<sup>1)</sup>  $T_c = 70$ °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	1/11
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
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## **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 dm <sup>3</sup>

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.