
QUICKTRONIC ECONOMIC

ECG for FL 7 mm and CFL

Product family features

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

Product family benefits

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

Areas of application

- Public buildings

Product family datasheet

Technical data

	Electrical data				Light technical data	Dimensions & weight
Product description	Nominal voltage	Mains frequency	Input voltage DC	Efficiency in full-load	Starting time	Length
QT-ECO 1X4...16 S	230...240 V	50 Hz	176...254 V	84 % ¹⁾	10 s ²⁾	800 mm
QT-ECO 2X5...11 S	220...240 V	50 Hz	176...254 V	87 % ¹⁾	20 s ²⁾	800 mm

					Temperatures & operating conditions	Lifespan
Product description	Width	Height	Mounting hole spacing, length	Product weight	Ambient temperature range	ECG lifetime
QT-ECO 1X4...16 S	400 mm	220 mm	72.0...75.0 mm	5060 g	-15...+50/-15...+50 °C	30000 h ³⁾
QT-ECO 2X5...11 S	400 mm	220 mm	72.0...75.0 mm	5200 g	-15...+50 °C	30000 h ³⁾

	Capabilities		Certificates & standards	
Product description	Suitable for fixtures with prot. class	End of lamp life safety shutdown	Approval marks – approval	EEI – Energy Label
QT-ECO 1X4...16 S	I / II	EOL T.2	VDE	A2/A3 ⁴⁾
QT-ECO 2X5...11 S	I / II	EOL T.2	VDE	A2 BAT ⁴⁾

		Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Product description	Protection class	Commodity code	Date of Declaration	Primary Article Identifier
QT-ECO 1X4...16 S	I	850410809000	19-05-2023	4050300638584
QT-ECO 2X5...11 S	II	85041080900	19-05-2023	4050300821504

Product description	Candidate List Substance 1	CAS No. of substance 1	Safe Use Instruction	Declaration No. in SCIP database
QT-ECO 1X4...16 S	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	f9c950dd-e265-43d3-990e-9e4c82497823
QT-ECO 2X5...11 S	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	da5e7e7f-b368-466c-9a51-0c0f7db9520a

Product family datasheet

1) at 230 V, 50 Hz

2) Preheat start: After a switch off, the lamps should remain switched off for 2 minutes to ensure an optimum preheat start

3) $T_c = 70^{\circ}\text{C}$, with max. 10% failure rate

4) For detailed information please see Lamp-ECG combinations

Product family datasheet

Application advice

For more detailed application information and graphics please see product datasheet.

Additional product information

- In order to achieve good radio interference suppression:1. Keep the cable between ECG and lamp as short as possible.2. The single lamp wires must be routed as close as possible to each other, whereas the lines of the different lamp ends must be routed separately.

Sales and Technical Support

Sales and Technical Support www.osram.com

Country specific information

Product description	Product code	METEL code	SEG-No.	STK number	UK Org
QT-ECO 1X4...16 S	4050300638584	OSRQTECO1X416S	-	4030114	-
QT-ECO 1X4...16 S	4050300638584	OSRQTECO1X416S	-	4030114	-
QT-ECO 2X5...11 S	4050300821504	OSRQTECO2X511S	-	4030141	-
QT-ECO 2X5...11 S	4050300821504	OSRQTECO2X511S	-	4030141	-

Download Data

File	
	User instruction QUICKTRONIC QT ECO
	Certificates 334955_VDE-Marks approval
	Certificates 334983_VDE-Marks approval
	Certificates 335154_Manufacturer's declaration – EN 55015:2006+A1:2007 (300 MHz)
	Certificates 683440_VDE-Marks approvals
	Declarations of conformity QUICKTRONIC CE 3364256 060923
	CAD data 3-dim 313443_80x40x22 9900019
	CAD data 3-dim 313452_80x40x22 9900019

Product family datasheet

	CAD data 3-dim 313497_80x40x22 9900019
	CAD data PDF 313386_80x40x22 9900019
	Addon Technical Information 57963_ADDON TECHNICAL INFORMATION QT-ECO 2x5-11 S (G+GB)
	Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM
	CAD data 3-dim 313440_80x40x23 9900043
	CAD data 3-dim 313447_80x40x23 9900043
	CAD data 3-dim 313477_80x40x23 9900043
	CAD data PDF 313409_80x40x23 9900043

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300638584	QT-ECO 1X4...16 S	Shipping carton box 50	212 mm x 172 mm x 143 mm	5.21 dm ³	2684.00 g
4050300821504	QT-ECO 2X5...11 S	Shipping carton box 50	212 mm x 172 mm x 143 mm	5.21 dm ³	2569.00 g

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.