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## QUICKTRONIC ECONOMIC

ECG for FL 7 mm and CFL



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### Areas of application

- Public buildings

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### Product benefits

- Compact housing
- Automatic restart after lamp replacement

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### Product features

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 50 Hz | 60 Hz
- Energy Efficiency Index EEI: A2
- Automatic shutdown of defective lamps and at end of life (EoL)

# Product family datasheet

## Technical data

### Electrical data

Product description	Nominal voltage	Mains frequency	Input voltage DC
QT-ECO 1X4-16/220...240 L	220...240 V	50 Hz	176...254 V
QT-ECO 1X4-16/220...240 S	220...240 V	50 Hz	176...254 V
QT-ECO 24/220...240 L	220...240 V	50 Hz	176...254 V
QT-ECO 21/220...240 S	220...240 V	50 Hz	176...254 V
QT-ECO 24/220...240 S	220...240 V	50 Hz	176...254 V
QT-ECO 1X26/220...240 S	220...240 V	50 Hz	176...254 V
11/220...240 S	220...240 V	50 Hz	176...254 V
QT-ECO T/E 2X18/220...240	220...240 V	50...60 Hz	176...254 V
QT-ECO T/E 2X26/220...240	220...240 V	50...60 Hz	176...254 V

### Light technical data

Product description	Starting time
QT-ECO 1X4-16/220...240 L	1.0 s <sup>1)</sup>
QT-ECO 1X4-16/220...240 S	1.0 s <sup>1)</sup>
QT-ECO 24/220...240 L	1.5 s <sup>1)</sup>
QT-ECO 21/220...240 S	1.5 s <sup>1)</sup>
QT-ECO 24/220...240 S	1.5 s <sup>1)</sup>
QT-ECO 1X26/220...240 S	1.5 s <sup>1)</sup>
11/220...240 S	2.0 s <sup>1)</sup>
QT-ECO T/E 2X18/220...240	2.0 s <sup>1)</sup>
QT-ECO T/E 2X26/220...240	2.0 s <sup>1)</sup>

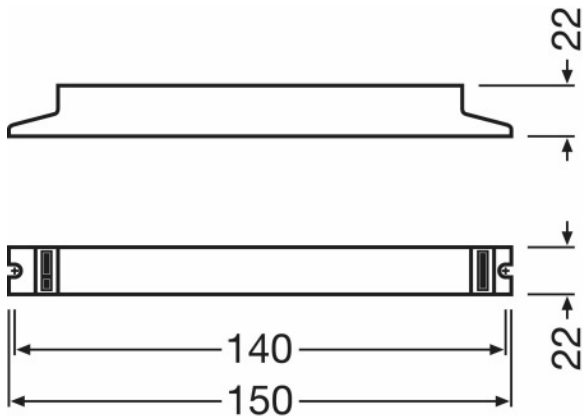
<sup>1)</sup> Preheat start: After a switch off, the lamps should remain switched off for 2 minutes to ensure an optimum preheat start

# Product family datasheet

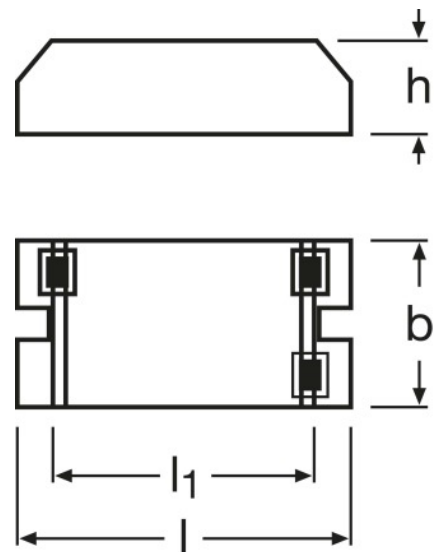
## Dimensions & weight

Product description	Length	Width	Height	Mounting hole spacing, length	Product weight
QT-ECO 1X4-16/220...240 L	150.0 mm	22.0 mm	22.0 mm	140.0 mm	50.00 g
QT-ECO 1X4-16/220...240 S	80.0 mm	40.0 mm	22.0 mm	72.0...75.0 mm	50.00 g
QT-ECO 24/220...240 L	150.0 mm	22.0 mm	22.0 mm	140.0 mm	50.00 g
QT-ECO 21/220...240 S	80.0 mm	40.0 mm	22.0 mm	72.0...75.0 mm	50.00 g
QT-ECO 24/220...240 S	80.0 mm	40.0 mm	22.0 mm	72.0...75.0 mm	50.00 g
QT-ECO 1X26/220...240 S	80.0 mm	40.0 mm	22.0 mm	72.0...75.0 mm	50.00 g
11/220...240 S	80.0 mm	40.0 mm	22.0 mm	72.0...75.0 mm	52.00 g
QT-ECO T/E 2X18/220...240	150.0 mm	41.0 mm	28.0 mm	140.0 mm	180.00 g
QT-ECO T/E 2X26/220...240	150.0 mm	41.0 mm	28.0 mm	140.0 mm	185.00 g

## Product line drawing

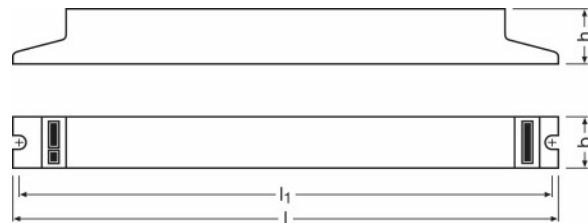
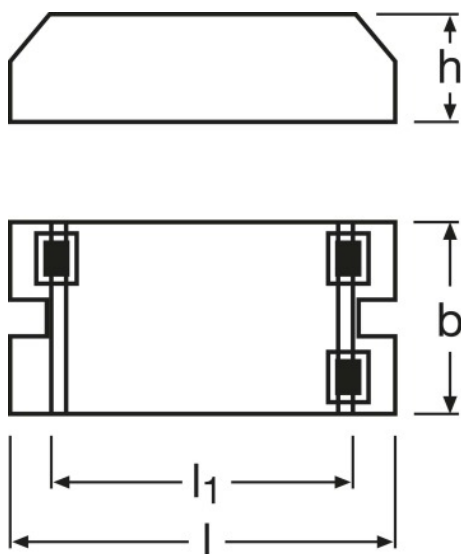


QT-ECO 1X4-16/220...240 L, QT-ECO 24/220...240 L



QT-ECO 1X4-16/220...240 S, QT-ECO 21/220...240 S, QT-ECO 24/220...240 S, QT-ECO 1X26/220...240 S

# Product family datasheet



11/220...240 S

QT-ECO T/E 2X18/220...240, QT-ECO T/E 2X26/220...240

## Temperatures

Product description	Ambient temperature range
QT-ECO 1X4-16/220...240 L	-15...+50 °C
QT-ECO 1X4-16/220...240 S	-15...+50 °C
QT-ECO 24/220...240 L	-15...+50 °C
QT-ECO 21/220...240 S	-15...+50 °C
QT-ECO 24/220...240 S	-15...+50 °C
QT-ECO 1X26/220...240 S	-15...+50 °C
11/220...240 S	-15...+50 °C
QT-ECO T/E 2X18/220...240	-15...+50 °C
QT-ECO T/E 2X26/220...240	-15...+50 °C

## Product family datasheet

### Capabilities

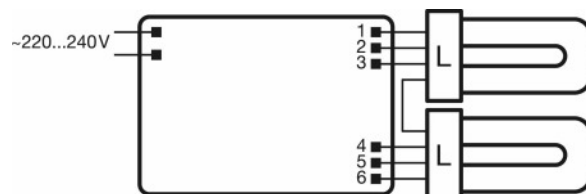
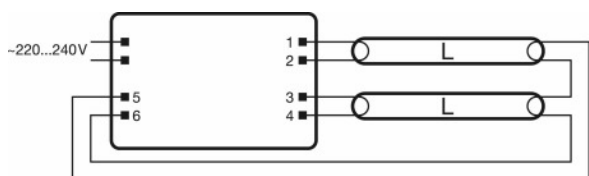
Product description	Suitable for fixtures with prot. class	End of lamp life safety shutdown
QT-ECO 1X4-16/220...240 L	I / II	EOL T.2
QT-ECO 1X4-16/220...240 S	I / II	EOL T.2
QT-ECO 24/220...240 L	I / II	EOL T.2
QT-ECO 21/220...240 S	I / II	EOL T.2
QT-ECO 24/220...240 S	I / II	EOL T.2
QT-ECO 1X26/220...240 S	I / II	EOL T.2
11/220...240 S	I / II	EOL T.2
QT-ECO T/E 2X18/220...240	I	EOL T.2
QT-ECO T/E 2X26/220...240	I	EOL T.2

### Certificates & standards

Product description	Approval marks – approval	EEL – Energy Label	Protection class
QT-ECO 1X4-16/220...240 L	VDE	A3	I
QT-ECO 1X4-16/220...240 S	VDE	A3	I
QT-ECO 24/220...240 L	VDE / VDE-EMC	A3	I
QT-ECO 21/220...240 S	VDE	A3	I
QT-ECO 24/220...240 S	VDE / VDE-EMC	A3	I
QT-ECO 1X26/220...240 S	VDE	A3	I/II
11/220...240 S	VDE	A3	II
QT-ECO T/E 2X18/220...240	VDE	A3	I
QT-ECO T/E 2X26/220...240	VDE	A3	I

# Product family datasheet

## Wiring Diagram



11/220...240 S

QT-ECO T/E 2X18/220...240, QT-ECO T/E 2X26/220...240

### Application advice

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

### Sales and Technical Support

Sales and Technical Support [www.osram.com](http://www.osram.com)

















### Country specific information

Product description	Product code	METEL code	SEG number	STK number	UK Org
QT-ECO 1x4-16/220-240 L	4050300660370	OSRQTECO1X416L	7980037	4031085	-
QT-ECO 1x4-16/220-240 S	4050300638584	OSRQTECO1X416S	7980039	4030114	-
QT-ECO 1x18-24/220-240 L	4050300660417	OSRQTECO1X1824L	7980041	4030133	-
QT-ECO 1x18-21/220-240 S	4050300794907	OSRQTECO1X1821S	7980052	4030105	-
QT-ECO 1x18-24/220-240 S	4050300638560	OSRQTECO1X1824S	7980040	4030113	-

## Product family datasheet

QT-ECO 1x26/220-240 S	4008321065971	OSRQTECO1X26S	7980264	4030110	-
QT-ECO 2x5-11/220-240 S	4050300821504	OSRQTECO2X511S	7980265	4030141	-
QT-ECO T/E 2x18/220-240	4050300803982	OSRQTECOTE2X18	7980271	4030143	-
QT-ECO T/E 2x26/220-240	4050300804002	OSRQTECOTE2X26	7980272	4030145	-

### Download Data

File	
	Certificates VDE-Marks approval
	Certificates VDE-Marks approval
	Certificates Manufacturer's declaration EN 55015:2006+A1:2007 (300 MHz)
	Certificates EAC certificate for Quicktronics QT
	Declarations of conformity Declaration of conformity
	Operating instructions EAC QT-ECO
	CAD data 3-dim 150x22x22 9900013
	CAD data 3-dim 150x22x22 9900013
	CAD data 3-dim 150x22x22 9900013
	CAD data PDF 150x22x22 9900013
	CAD data 3-dim 80x40x22 9900019
	CAD data 3-dim 80x40x22 9900019
	CAD data 3-dim 80x40x22 9900019
	CAD data PDF 80x40x22 9900019
	Product Datasheet ECG lifetime - QUICKTRONIC non DIM
	CAD data 3-dim 80x40x23 9900043

## Product family datasheet



CAD data 3-dim  
80x40x23 9900043



CAD data 3-dim  
80x40x23 9900043



CAD data PDF  
80x40x23 9900043

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300660370	QT-ECO 1X4-16/220...240 L	Shipping carton box 50	232 mm x 148 mm x 163 mm	5.60 dm <sup>3</sup>	2802.50 g
4050300638584	QT-ECO 1X4-16/220...240 S	Shipping carton box 50	212 mm x 142 mm x 170 mm	5.12 dm <sup>3</sup>	2791.00 g
4050300660417	QT-ECO 24/220...240 L	Shipping carton box 50	232 mm x 148 mm x 163 mm	5.60 dm <sup>3</sup>	2802.50 g
4050300794907	QT-ECO 21/220...240 S	Shipping carton box 50	212 mm x 142 mm x 170 mm	5.12 dm <sup>3</sup>	2791.00 g
4050300638560	QT-ECO 24/220...240 S	Shipping carton box 50	212 mm x 142 mm x 170 mm	5.12 dm <sup>3</sup>	2791.00 g
4008321065971	QT-ECO 1X26/220...240 S	Shipping carton box 50	212 mm x 142 mm x 170 mm	5.12 dm <sup>3</sup>	2791.00 g
4050300821504	11/220...240 S	Shipping carton box 50	246 mm x 160 mm x 178 mm	7.01 dm <sup>3</sup>	3041.00 g
4050300803982	QT-ECO T/E 2X18/220...240	Shipping carton box 50	425 mm x 165 mm x 171 mm	11.99 dm <sup>3</sup>	9276.00 g
4050300804002	QT-ECO T/E 2X26/220...240	Shipping carton box 50	433 mm x 165 mm x 185 mm	13.22 dm <sup>3</sup>	9695.00 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.