

QUICKTRONIC QTz8

ECG for T8/26 mm linear fluorescent lamps



Areas of application

- Public buildings
- Sports halls
- Strip lighting
- Suitable for luminaires of protection class I

Product benefits

- Compact housing
- Automatic restart after lamp replacement

Product features

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 50 Hz | 60 Hz
- Energy Efficiency Index EEI: A2

Product family datasheet

Technical data

Electrical data

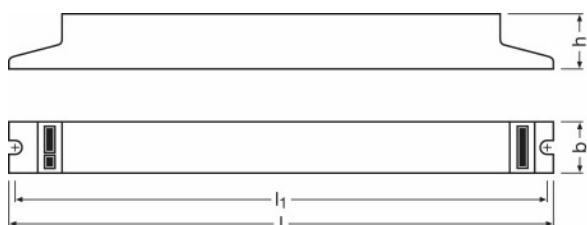
Product description	Nominal voltage	Mains frequency
QTz8 1X18	220...240 V	50>60 Hz
QTz8 1X36	220...240 V	50>60 Hz
QTz8 2X18	220...240 V	50>60 Hz
QTz8 2X36	220...240 V	50>60 Hz
QTz8 3X18	220...240 V	50/60 Hz
QTz8 4X18	220...240 V	50>60 Hz

Dimensions & weight

Product description	Length	Width	Height	Mounting hole spacing, length	Product weight
QTz8 1X18	150.0 mm	40.0 mm	28.0 mm	140.0 mm	100.00 g
QTz8 1X36	150.0 mm	40.0 mm	28.0 mm	140.0 mm	100.00 g
QTz8 2X18	150.0 mm	40.0 mm	28.0 mm	140.0 mm	105.00 g
QTz8 2X36	210.0 mm	40.0 mm	30.0 mm	200.0 mm	155.00 g
QTz8 3X18	210.0 mm	40.0 mm	30.0 mm	200.0 mm	150.00 g
QTz8 4X18	210.0 mm	40.0 mm	30.0 mm	200.0 mm	150.00 g

Product family datasheet

Product line drawing



QTz8 1X18, QTz8 1X36, QTz8 2X18, QTz8 2X36, QTz8 3X18, QTz8 4X18

Temperatures & operating conditions

Product description	Ambient temperature range
QTz8 1X18	-15...+50 °C
QTz8 1X36	-15...+50 °C
QTz8 2X18	-15...+50 °C
QTz8 2X36	-15...+50 °C
QTz8 3X18	-15...+50 °C
QTz8 4X18	-15...+50 °C

Lifespan

Product description	ECG lifetime
QTz8 1X18	30000 h ¹⁾
QTz8 1X36	30000 h ¹⁾
QTz8 2X18	30000 h ¹⁾
QTz8 2X36	30000 h ¹⁾
QTz8 3X18	30000 h ¹⁾
QTz8 4X18	30000 h ¹⁾

¹⁾ At maximum T_c / 10% failure rate

Product family datasheet

Expected Lifetime

Product name				
QTz8 1X18	ECG ambient temperature [ta]	50	-	-
	Temperature at tc-point [°C]	75	-	-
	Lifetime [h]	30000 ¹⁾	-	-
QTz8 1X36	ECG ambient temperature [ta]	50	-	-
	Temperature at tc-point [°C]	75	-	-
	Lifetime [h]	30000 ²⁾	-	-
QTz8 2X18	ECG ambient temperature [ta]	50	-	-
	Temperature at tc-point [°C]	75	-	-
	Lifetime [h]	30000 ³⁾	-	-
QTz8 2X36	ECG ambient temperature [ta]	50	-	-
	Temperature at tc-point [°C]	75	-	-
	Lifetime [h]	30000 ⁴⁾	-	-
QTz8 3X18	ECG ambient temperature [ta]	50	-	-
	Temperature at tc-point [°C]	70	-	-
	Lifetime [h]	30000 ⁵⁾	-	-
QTz8 4X18	ECG ambient temperature [ta]	50	-	-
	Temperature at tc-point [°C]	75	-	-
	Lifetime [h]	30000 ⁶⁾	-	-

¹⁾ Max. 10% failure rate at tc max

²⁾ Max. 10% failure rate at tc max

³⁾ Max. 10% failure rate at tc max

⁴⁾ Max. 10% failure rate at tc max

⁵⁾ Max. 10% failure rate at tc max

⁶⁾ Max. 10% failure rate at tc max

Capabilities

Product description	Suitable for fixtures with prot. class
QTz8 1X18	I
QTz8 1X36	I
QTz8 2X18	I
QTz8 2X36	I
QTz8 3X18	I
QTz8 4X18	I

Product family datasheet

Certificates & standards

Product description	Approval marks – approval	EEI – Energy Label	Protection class
QTz8 1X18	CE / CQC	A2	I
QTz8 1X36	CE / CQC	A2	I
QTz8 2X18	CE / CQC	A2	I
QTz8 2X36	CE / CQC	A2	I
QTz8 3X18	CE / CQC	A2	II
QTz8 4X18	CE / CQC	A2	II





Application advice

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

Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

File
 Certificates EAC certificate for Quicktronics QT
 Declarations of conformity DoC QTz8
 Operating instructions EAC QTz8
 Product Datasheet ECG lifetime - QUICKTRONIC non DIM

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321863263	QTz8 1X18	Shipping carton box 20	177 mm x 166 mm x 180 mm	5.29 dm ³	1954.00 g
4008321863287	QTz8 1X36	Shipping carton box 20	177 mm x 166 mm x 180 mm	5.29 dm ³	2047.00 g
4008321863300	QTz8 2X18	Shipping carton box 20	177 mm x 166 mm x 180 mm	5.29 dm ³	2080.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321863324	QTz8 2X36	Shipping carton box 20	228 mm x 189 mm x 177 mm	7.63 dm ³	2957.00 g
4008321863348	QTz8 3X18	Shipping carton box 20	224 mm x 175 mm x 188 mm	7.37 dm ³	3057.00 g
4008321863362	QTz8 4X18	Shipping carton box 20	226 mm x 195 mm x 174 mm	7.67 dm ³	3065.00 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.