

PRODUCT FAMILY DATASHEET 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 FAMILY BENEFITS

- Compact housing
- Automatic restart after lamp replacement

PRODUCT FAMILY FEATURES

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 50 Hz | 60 Hz
- Energy Efficiency Index EEI: A2
- Number of lamp switching cycles: up to 3,500

TECHNICAL DATA

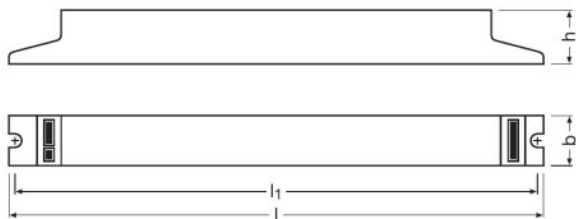
Electrical data

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 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 4X18	210.0 mm	40.0 mm	30.0 mm	200.0 mm	150.00 g

Product line drawing



QTz8 1X18, QTz8 1X36, QTz8 2X18, QTz8 2X36, 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 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 4X18	30000 h ¹⁾

¹⁾ At maximum T_c / 10% failure rate

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 4X18	ECG ambient temperature [ta]	50	-	-
	Temperature at tc-point [°C]	75	-	-
	Lifetime [h]	30000 ⁵⁾	-	-

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

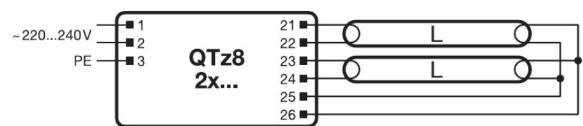
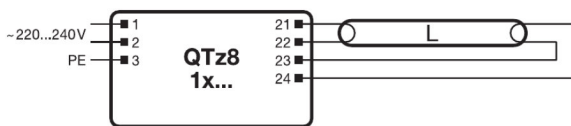
Capabilities

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

Certificates & standards

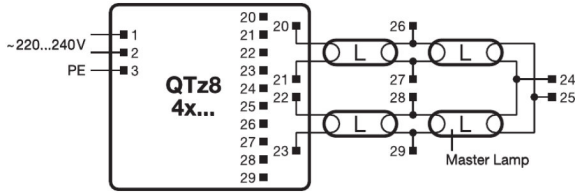
Product description	Approval marks – approval	EEL – Energy Label	Protection class
QTz8 1X18	CE / CQC	A2	I
QTz8 1X36	CE / CQC	A2	I
QTz8 2X18	CE / CQC	A2	I
QTz8 2X36	CE / CQC	A2	I
QTz8 4X18	CE / CQC	A2	II

— **Wiring Diagram**



QTz8 1X18, QTz8 1X36

QTz8 2X18, QTz8 2X36



QTz8 4X18






APPLICATION ADVICE

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

SALES AND TECHNICAL SUPPORT

Sales and Technical Support www.ledvance.com

DOWNLOAD DATA

File	
	Certificates 554891_EAC PT family
	Certificates CB Test Certificate CN42990
	Declarations of conformity 504183_DoC QTz8
	Operating instructions 590718_EAC QTz8
	Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321863270	Shipping carton box 20	177 mm x 166 mm x 180 mm	2183.00 g	5.29 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321863294	Shipping carton box 20	177 mm x 166 mm x 180 mm	2047.00 g	5.29 dm ³
4008321863317	Shipping carton box 20	177 mm x 166 mm x 180 mm	2283.00 g	5.29 dm ³
4008321863331	Shipping carton box 20	228 mm x 189 mm x 177 mm	3391.00 g	7.63 dm ³
4008321863379	Shipping carton box 20	226 mm x 195 mm x 174 mm	3065.00 g	7.67 dm ³

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.