

QUICKTRONIC INTELLIGENT

ECG for FL 16 mm



Product family features

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Lamp start with optimum filament preheating
- Lifetime: > 100,000 h (for T = 65 °C at T_c)
- Energy Efficiency Index EEL: A2 BAT
- Automatic shutdown of defective lamps and at end of life (EoL T.2)
- Safety: to EN 61347-2-3
- Lamp operation: to EN 60929

Product family benefits

- Long lamp life
- No adverse effect from frequent on/off switching
- Automatic restart after lamp replacement
- Perfect lamp start for applications with motion sensors
- VDE/VDE EMC certified system
- Very high energy efficiency due to cut-off technology

Areas of application

- Emergency lighting systems acc. to EN 50172 / DIN VDE 0108-100
- Industry
- Open-plan offices, corridors and storage rooms
- Public buildings
- Sports halls and factories
- Strip lighting
- Suitable for emergency lighting (DC operation)
- Modernization of existing systems
- Suitable for luminaires of protection classes I and II

Product family datasheet

Technical data

	Electrical data				Light technical data	Dimensions & weight
Product description	Input voltage AC	Nominal voltage	Mains frequency	Input voltage DC	Starting time	Length
QTi 2X14/24/21/39 GII	198...264 V	220...240 V	50...60 Hz	176...276 V	10 s ¹⁾	3600 mm
QTi 2X35/49/80 GII	198...264 V	220...240 V	50...60 Hz	176...276 V	10 s ¹⁾	4240 mm

					Temperatures & operating conditions	Lifespan
Product description	Width	Height	Mounting hole spacing, length	Product weight	Ambient temperature range	ECG lifetime
QTi 2X14/24/21/39 GII	300 mm	210 mm	350.0 mm	24110 g	-20...+50 °C	100000 h ²⁾
QTi 2X35/49/80 GII	300 mm	210 mm	415.0 mm	38000 g	-20...+50 °C	100000 h ²⁾

	Capabilities			Certificates & standards
Product description	End of lamp life safety shutdown	Suitable for emergency lighting	Suitable for fixtures with prot. class	Approval marks – approval
QTi 2X14/24/21/39 GII	EOL T.2	Yes	I / II	VDE / VDE-EMC / ENEC 10 / CE
QTi 2X35/49/80 GII	EOL T.2	Yes	I / II	VDE / VDE-EMC / ENEC 10 / CE

			Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)
Product description	EEL – Energy Label	Protection class	Commodity code	Date of Declaration
QTi 2X14/24/21/39 GII	A2 BAT	II	85041080900	26-05-2023
QTi 2X35/49/80 GII	A2 BAT	III	85041080900	26-05-2023

Product description	Primary Article Identifier	Candidate List Substance 1	CAS No. of substance 1	Safe Use Instruction
QTi 2X14/24/21/39 GII	4008321383396	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Product family datasheet

Product description	Primary Article Identifier	Candidate List Substance 1	CAS No. of substance 1	Safe Use Instruction
QTi 2X35/49/80 GII	4008321658951	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Product description	Declaration No. in SCIP database
QTi 2X14/24/21/39 GII	9f21ef81-30c2-4f83-806e-4af39654e2bf
QTi 2X35/49/80 GII	4b1ddbc8-17c3-481b-a46f-cf6a4ab8c429

1) If there is a temporary interruption in the power supply (< 0.5 s), the lamp will start within 0.3 s

2) At $T_{case} = 65^{\circ}C$ at T_c point / 10% failure rate

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
QTi 2X14/24/21/39 GII	4008321383396	OSRQTI2X1439N	-	4030512	-
QTi 2X14/24/21/39 GII	4008321383396	OSRQTI2X1439N	-	4030512	-
QTi 2X35/49/80 GII	4008321658951	-	-	4031103	-
QTi 2X35/49/80 GII	4008321658951	-	-	4031103	-

Download Data

File	
	User instruction QUICKTRONIC QTi T5
	Addon Technical Information 502689_Frequent switching Quicktronic
	Product Datasheet 321456_ATI QTi 2X14242139 GII (G+GB)
	Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM
	Certificates 334970_EMC-Marks approval
	Certificates 334971_ENEC-Marks approval
	Certificates 335097_INOTEC

Product family datasheet

	Certificates 335169_Manufacturer's declaration – LampECG combinations: Frequent switching
	Certificates 592319_EAC certificate for Quicktronics QT
	Certificates 504180_VDE-ENEC-Certificate QT <i>i</i>
	Certificates 504207_VDE-EMC-Certificate QT <i>i</i>
	Declarations of conformity QUICKTRONIC CE 3364256 060923
	CAD data 3-dim 320844_HALOSTAR STARLITE
	CAD data 3-dim 321772_QT <i>i</i> GII
	CAD data 3-dim 321773_QT <i>i</i> GII
	CAD data PDF 321774_QT <i>i</i> GII

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
4008321383396	QT <i>i</i> 2X14/24/21/39 GII	Shipping carton box 20	392 mm x 165 mm x 98 mm	6.34 dm ³	5220.00 g
4008321658951	QT <i>i</i> 2X35/49/80 GII	Shipping carton box 20	447 mm x 160 mm x 101 mm	7.22 dm ³	7794.00 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.