

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 T₂)
- Energy Efficiency Index EEI: 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

Product description	Electrical data				Light technical data	Dimensions & weight
	Input voltage AC	Nominal voltage	Mains frequency	Input voltage DC	Starting time	Length
QTi 1X14/24/21/39 GII	198...264 V	220...240 V	50...60 Hz	176...276 V	1.0 s ¹⁾	360.0 mm
QTi 1X28/54/35/49 GII	198...264 V	220...240 V	50...60 Hz	176...276 V	1.0 s ¹⁾	360.0 mm
QTi 1X35/49/80 GII	198...264 V	220...240 V	50...60 Hz	176...276 V	1.0 s ¹⁾	360.0 mm
QTi 2X14/24/21/39 GII	198...264 V	220...240 V	50...60 Hz	176...276 V	1.0 s ¹⁾	360.0 mm
QTi 2X28/54/35/49 GII	198...264 V	220...240 V	50...60 Hz	176...276 V	1.0 s ¹⁾	360.0 mm
QTi 2X35/49/80 GII	198...264 V	220...240 V	50...60 Hz	176...276 V	1.0 s ¹⁾	424.0 mm

Product description	Width	Height	Mounting hole spacing, length	Product weight	Temperatures & operating conditions	Lifespan
					Ambient temperature range	ECG lifetime
QTi 1X14/24/21/39 GII	30.0 mm	21.0 mm	350.0 mm	210.25 g	-20...+50 °C	100000 h ²⁾
QTi 1X28/54/35/49 GII	30.0 mm	21.0 mm	350.0 mm	235.00 g	-20...+50 °C	100000 h ²⁾
QTi 1X35/49/80 GII	30.0 mm	21.0 mm	350.0 mm	240.00 g	-20...+50 °C	100000 h ²⁾
QTi 2X14/24/21/39 GII	30.0 mm	21.0 mm	350.0 mm	241.10 g	-20...+50 °C	100000 h ²⁾
QTi 2X28/54/35/49 GII	30.0 mm	21.0 mm	350.0 mm	270.00 g	-20...+50 °C	100000 h ²⁾
QTi 2X35/49/80 GII	30.0 mm	21.0 mm	415.0 mm	380.00 g	-20...+50 °C	100000 h ²⁾

Product description	Capabilities		Certificates & standards	
	Suitable for fixtures with prot. class	End of lamp life safety shutdown	Approval marks – approval	EEI – Energy Label
QTi 1X14/24/21/39 GII	I / II	EOL T.2	VDE / VDE-EMC / ENEC 10 / CE	A2 BAT
QTi 1X28/54/35/49 GII	I / II	EOL T.2	VDE / VDE-EMC / ENEC 10 / CE	A2 BAT
QTi 1X35/49/80 GII	I / II	EOL T.2	VDE / VDE-EMC / ENEC 10 / CE	A2 BAT
QTi 2X14/24/21/39 GII	I / II	EOL T.2	VDE / VDE-EMC / ENEC 10 / CE	A2 BAT
QTi 2X28/54/35/49 GII	I / II	EOL T.2	VDE / VDE-EMC / CE / ENEC 10	A2 BAT
QTi 2X35/49/80 GII	I / II	EOL T.2	VDE / VDE-EMC / ENEC 10 / CE	A2 BAT

Product description	Protection class	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
		Commodity code	Date of Declaration	Primary Article Identifier
QTi 1X14/24/21/39 GII	II	850410809000	14-04-2022	4008321383334

Product family datasheet

Product description	Protection class	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
		Commodity code	Date of Declaration	Primary Article Identifier
QTi 1X28/54/35/49 GII	II	850410809000	14-04-2022	4008321383358
QTi 1X35/49/80 GII	II	850410809000	14-04-2022	4008321383372
QTi 2X14/24/21/39 GII	II	850410809000	14-04-2022	4008321383396
QTi 2X28/54/35/49 GII	II	850410809000	14-04-2022	4008321383419
QTi 2X35/49/80 GII	III	850410809000	14-04-2022	4008321658951

Product description	Candidate List Substance 1	CAS No. of substance 1	Safe Use Instruction	Declaration No. in SCIP database
QTi 1X14/24/21/39 GII	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	b362df5e-34f8-4f53-8b8f-747db45ac15a
QTi 1X28/54/35/49 GII	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	f9abf8f4-64d4-455f-a8d0-085dc52ab19d
QTi 1X35/49/80 GII	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	d5442e2f-7c35-4129-97b2-e97bb3a3defe
QTi 2X14/24/21/39 GII	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	3a228523-5b14-4058-ad47-631eebe8594
QTi 2X28/54/35/49 GII	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	77b6b869-5ec4-47a5-9603-d68411635966
QTi 2X35/49/80 GII	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	d5bbb763-545a-4642-af1a-c9ef7fcdddce

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°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 1X14/24/21/39 GII	4008321383334	OSRQTI1X1439N	-	4030502	-
QTi 1X14/24/21/39 GII	4008321383334	OSRQTI1X1439N	-	4030502	-
QTi 1X28/54/35/49 GII	4008321383358	OSRQTI1X2854N	-	4030027	-
QTi 1X28/54/35/49 GII	4008321383358	OSRQTI1X2854N	-	4030027	-
QTi 1X35/49/80 GII	4008321383372	OSRQTI1X3580N	-	4030506	-
QTi 1X35/49/80 GII	4008321383372	OSRQTI1X3580N	-	4030506	-
QTi 2X14/24/21/39 GII	4008321383396	OSRQTI2X1439N	-	4030512	-
QTi 2X14/24/21/39 GII	4008321383396	OSRQTI2X1439N	-	4030512	-
QTi 2X28/54/35/49 GII	4008321383419	OSRQTI2X2854N	-	4030516	-
QTi 2X28/54/35/49 GII	4008321383419	OSRQTI2X2854N	-	4030516	-
QTi 2X35/49/80 GII	4008321658951	-	-	4031103	-
QTi 2X35/49/80 GII	4008321658951	-	-	4031103	-

Download Data

File

Product family datasheet

	User instruction QUICKTRONIC QT _i T5
	Addon Technical Information 502689_Frequent switching Quicktronic
	Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM
	Certificates 334970_EMC-Marks approval
	Certificates 334971_ENEC-Marks approval
	Certificates 335097_INOTEC
	Certificates 335169_Manufacturer's declaration – LampECG combinations: Frequent switching
	Certificates 592319_EAC certificate for Quicktronics QT
	Certificates 504180_VDE-ENEC-Certificate QT _i
	Certificates 504207_VDE-EMC-Certificate QT _i
	Declarations of conformity QUICKTRONIC CE 3364256 190821
	CAD data 3-dim 321772_QT _i GII
	CAD data 3-dim 321773_QT _i GII
	CAD data PDF 321774_QT _i GII
	Product Datasheet 321453_ATI QT _i 1X28543549 GII (G+GB)
	Product Datasheet 321456_ATI QT _i 2X14242139 GII (G+GB)
	CAD data 3-dim 320844_HALOSTAR STARLITE
	Product Datasheet 321459_ATI QT _i 2X28543549 GII (G+GB)

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.

Product family datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321383334	QTi 1X14/24/21/39 GII	Shipping carton box 20	392 mm x 98 mm x 165 mm	6.34 dm ³	4424.79 g
4008321383358	QTi 1X28/54/35/49 GII	Shipping carton box 20	392 mm x 98 mm x 165 mm	6.34 dm ³	4919.99 g
4008321383372	QTi 1X35/49/80 GII	Shipping carton box 20	392 mm x 98 mm x 165 mm	6.34 dm ³	5019.99 g
4008321383396	QTi 2X14/24/21/39 GII	Shipping carton box 20	392 mm x 98 mm x 165 mm	6.34 dm ³	5042.39 g
4008321383419	QTi 2X28/54/35/49 GII	Shipping carton box 20	392 mm x 98 mm x 165 mm	6.34 dm ³	5619.99 g
4008321658951	QTi 2X35/49/80 GII	Shipping carton box 20	435 mm x 96 mm x 170 mm	7.10 dm ³	7842.00 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.