

QT-FIT5 2X14...35

QUICKTRONIC FIT 5 | ECG for FL 16 mm



Product family features

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 50 Hz | 60 Hz
- Lamp start with optimum filament preheating
- Energy Efficiency Index EEI: A2
- Automatic shutdown of defective lamps and at end of life (EoL T.2)
- Lamp operation: to EN 60929
- Safety: to EN 61347-2-3

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

- Open-plan offices, corridors and storage rooms
- Public buildings
- Strip lighting
- Suitable for luminaires of protection class I
- Modernization of existing systems

Product datasheet

Technical data

Electrical data

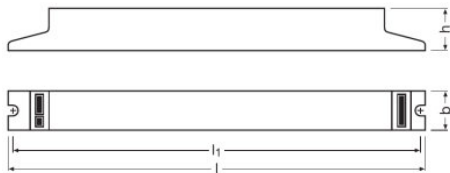
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Input voltage DC	198...264 V
Maximum output power	2 x 35 W
Efficiency in full-load	91 % ¹⁾
Operating frequency	40...50 kHz

¹⁾ at 230 V, 50 Hz

Light technical data

Starting time	2.0 s
---------------	-------

Dimensions & weight



Length	280.0 mm
Width	30.0 mm
Height	21.0 mm
Mounting hole spacing, length	270.0 mm
Product weight	181.00 g
Cable cross-section, output side	0.5...1.5 mm ² ¹⁾
Cable cross-section, input side	0.5...1.5 mm ² ¹⁾

¹⁾ Solid leads

Temperatures & operating conditions

Ambient temperature range	-15...+50 °C
Permitted rel. humidity during operation	5...85 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Product datasheet

Additional product data

Suitable for lamp power (2 lamps)	14...35 W
-----------------------------------	-----------

Capabilities

Suitable for fixtures with prot. class	I
End of lamp life safety shutdown	EOL T.2
Max. cable length to lamp/LED module	2.0 m / 1.0 m
Dimmable	No
Intended for no-load operation	No

Certificates & standards

Approval marks – approval	VDE / ENEC 10 / VDE-EMC
EEI – Energy Label	A2 BAT
Standards	Acc. to EN 61347-2-3/IEC 61347-2-3/Acc. to EN 55015:2006 + A1:2007 + A2:2009/Acc. to EN 61000-3-2/IEC 61000-3-2/Acc. to EN 61547/IEC 61547
Protection class	I
Type of protection	IP20

Logistical data

Commodity code	850410809000
----------------	--------------

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	14-04-2022
Primary Article Identifier	4008321971258
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

Product datasheet

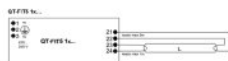
Expected Lifetime

Product name	Lamp group				
QT-FIT5 2X14...35	HE 28 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	55	65	70
		Lifetime [h]	100000	100000	70000
	HE 32 W ES	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	60	70	75
		Lifetime [h]	100000	80000	60000
	HE 35 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	60	70	75
		Lifetime [h]	100000	80000	50000

Wiring Diagram

QUICKTRONIC® FIT 5

TYPE	QT-FIT5 1414-20	QT-FIT5 1414	QT-FIT5 1414	QT-FIT5 2014-20	QT-FIT5 2014	QT-FIT5 2014	QT-FIT5 2014-20
Max. length	17.5 m	17.5 m	17.5 m	17.5 m	17.5 m	17.5 m	17.5 m
Max. power	100 W	100 W	100 W	100 W	100 W	100 W	100 W
Max. current	4.20 A	4.20 A	4.20 A	4.40 A	4.40 A	4.40 A	4.40 A
Max. power	100 W	100 W	100 W	100 W	100 W	100 W	100 W



Max. permitted cable length in between ECG and lamp: 17.5 m (P90 21, 22), 17.5 m (P90 23, 24)



Max. permitted cable length in between ECG and lamp: 17.5 m (P90 21, 22), 17.5 m (P90 23, 24), 17.5 m (P90 25, 26), 17.5 m (P90 27, 28)

QT-FIT5 1414, 4x14, 3 lamp operation



Max. permitted cable length in between ECG and lamp: 17.5 m (P90 21, 22), 17.5 m (P90 23, 24), 17.5 m (P90 25, 26), 17.5 m (P90 27, 28), 17.5 m (P90 29, 30), 17.5 m (P90 31, 32), 17.5 m (P90 33, 34), 17.5 m (P90 35, 36), 17.5 m (P90 37, 38), 17.5 m (P90 39, 40), 17.5 m (P90 41, 42), 17.5 m (P90 43, 44), 17.5 m (P90 45, 46), 17.5 m (P90 47, 48), 17.5 m (P90 49, 50), 17.5 m (P90 51, 52), 17.5 m (P90 53, 54), 17.5 m (P90 55, 56), 17.5 m (P90 57, 58), 17.5 m (P90 59, 60), 17.5 m (P90 61, 62), 17.5 m (P90 63, 64), 17.5 m (P90 65, 66), 17.5 m (P90 67, 68), 17.5 m (P90 69, 70), 17.5 m (P90 71, 72), 17.5 m (P90 73, 74), 17.5 m (P90 75, 76), 17.5 m (P90 77, 78), 17.5 m (P90 79, 80), 17.5 m (P90 81, 82), 17.5 m (P90 83, 84), 17.5 m (P90 85, 86), 17.5 m (P90 87, 88), 17.5 m (P90 89, 90), 17.5 m (P90 91, 92), 17.5 m (P90 93, 94), 17.5 m (P90 95, 96), 17.5 m (P90 97, 98), 17.5 m (P90 99, 100)

- 1) Max. Leitungsabstände zwischen ECG und Lampe: Leiterabstände mind.
- 2) Max. Leiterabstände zwischen Lampen: Leiterabstände mind.
- 3) Max. Leiterabstände zwischen Lampen: Leiterabstände mind.
- 4) Max. Leiterabstände zwischen Lampen: Leiterabstände mind.















592456_EAC QT-FIT5

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.

Product datasheet

Download Data

File	
	User instruction QUICKTRONIC QT FIT5
	Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM
	Product Datasheet 342812_QT-FIT5
	Certificates 339586_VDE-Marks approval
	Certificates 339588_EMC-Marks approval
	Certificates 592319_EAC certificate for Quicktronics QT
	Certificates 683441_ENEC-Marks approvals
	Declarations of conformity QUICKTRONIC CE 3364256 190821
	CAD data 3-dim 339652_CAD QT-FIT5 3-DIM.x_t
	CAD data 3-dim 339657_CAD QT-FIT5 3-DIM.STEP
	CAD data 3-dim 339658_CAD QT-FIT5 3-DIM.IGS
	CAD data PDF 339600_CAD QT-FIT5

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
4008321971258	QT-FIT5 2X14...35	Shipping carton box 20	303 mm x 101 mm x 159 mm	4.87 dm ³	3786.00 g

Product datasheet

Logistical Data

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.

QT-FIT5 2X14...35

QUICKTRONIC FIT 5 | ECG for FL 16 mm

Product name	Lamp group	Nominal current	Nominal wattage + Power loss	Power factor λ [PIM]	Luminous flux at 35 °C	Number of lighting outlets
QT-FIT5 2X14...35	HE 13 W ES	0.13 A	29.00 W	0.95	1150 lm	2
	HE 14 W	0.14 A	32.00 W	0.98	1200 lm	2
	HE 19 W ES	0.19 A	43.00 W	0.98	1800 lm	2
	HE 21 W	0.22 A	46.00 W	0.98	1900 lm	2
	HE 25 W ES	0.25 A	56.00 W	0.98	2450 lm	2
	HE 28 W	0.26 A	63.00 W	0.98	2600 lm	2
	HE 32 W ES	0.32 A	71.00 W	0.98	3100 lm	2
	HE 35 W	0.35 A	78.00 W	0.98	3300 lm	2
	HE 35 W XT	0.35 A	78.00 W	0.98	3300 lm	2