

QT-ECO 1X4...16 S

QUICKTRONIC ECONOMIC | ECG for FL 7 mm and CFL



Product family features

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 50 Hz
- Energy Efficiency Index EEI: A2 / A3 (depending on lamp)
- Automatic shutdown of defective lamps and at end of life (EoL)

Product family benefits

- Compact housing
- Automatic restart after lamp replacement
- Large input voltage range

Areas of application

- Public buildings

Product datasheet

Technical data

Electrical data

Nominal voltage	220...240 V
Mains frequency	50 Hz
Input voltage DC	176...254 V
Operating frequency	40 kHz ¹⁾
Max. ECG no. on circuit breaker 10 A (B)	68
Max. ECG no. on circuit breaker 16 A (B)	112
Inrush current	10 A

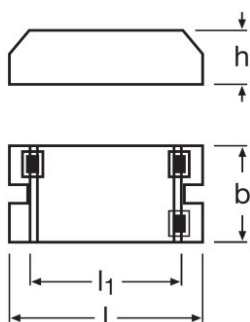
¹⁾ Approximately

Light technical data

Starting time	1.0 s ¹⁾
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¹⁾ Preheat start: After a switch off, the lamps should remain switched off for 2 minutes to ensure an optimum preheat start

Dimensions & weight



Length	80.0 mm
Width	40.0 mm
Height	22.0 mm
Mounting hole spacing, length	72.0...75.0 mm
Product weight	50.00 g

Temperatures & operating conditions

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

¹⁾ Maximum 56 days/year at 85 %

Lifespan

Product datasheet

ECG lifetime	30000 h ¹⁾
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¹⁾ T_c = 70°C, with max. 10% failure rate

Additional product data

Suitable for lamp power (1 lamp)	4...16 W
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Capabilities

Suitable for fixtures with prot. class	I / II
End of lamp life safety shutdown	EOL T.2
Max. cable length to lamp/LED module	1.0 m / 0.5 m
Dimmable	No

Certificates & standards

Approval marks – approval	VDE
EEI – Energy Label	A2/A3 ¹⁾
Standards	Acc. to EN 61347-2-3/Acc. to EN 55015:2006 + A1:2007/Acc. to EN 61000-3-2/Acc. to EN 61547
Protection class	I
Type of protection	IP20

¹⁾ For detailed information please see Lamp-ECG combinations

Logistical data

Commodity code	850410809000
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Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300638584	QT-ECO 1X4...16 S	Shipping carton box 50	212 mm x 142 mm x 170 mm	5.12 dm ³	2791.00 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.

QT-ECO 1X4...16 S

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Product name	Lamp group	Nominal current	Nominal wattage + Power loss	Power factor λ [PIM]	Luminous flux at 25 °C	Number of lighting outlets	EEI – Energy Label
QT-ECO 1X4...16 S	DULUX D/E 10 W	0.08 A	11.50 W	0.60 c	600 lm	1	A3
	DULUX D/E 13 W	0.10 A	14.00 W	0.60 c	850 lm	1	A2
	DULUX S/E 11 W	0.09 A	13.00 W	0.60 c	900 lm	1	A3
	DULUX S/E 7 W	0.06 A	9.00 W	0.60 c	400 lm	1	A3
	DULUX S/E 9 W	0.07 A	10.00 W	0.60 c	600 lm	1	A3
	DULUX T/E 13 W	0.10 A	14.00 W	0.60 c	800 lm	1	A2
	HE 14 W	0.10 A	15.00 W	0.60 c		1	A2
	HNS S/E 11W 2G7						
	HNS S/E 6.5W 2G7						
	HNS S/E 8W 2G7						
	L 13 W BASIC	0.08 A	15.00 W	0.60 c		1	
	L 16 W	0.11 A	16.00 W	0.60 c		1	
	L 6 W BASIC	0.06 A	8.50 W	0.60 c		1	
	L 8 W BASIC	0.07 A	10.50 W	0.60 c		1	
	NS 4W G5						
	NS 6W G5						
	NS 7W G5						

Product datasheet

Product name	Lamp group	Luminous flux at 35 °C
QT-ECO 1X4...16 S	DULUX D/E 10 W	
	DULUX D/E 13 W	
	DULUX S/E 11 W	
	DULUX S/E 7 W	
	DULUX S/E 9 W	
	DULUX T/E 13 W	
	HE 14 W	1150 lm
	HNS S/E 11W 2G7	
	HNS S/E 6.5W 2G7	
	HNS S/E 8W 2G7	
	L 13 W BASIC	950 lm
	L 16 W	1100 lm
	L 6 W BASIC	270 lm
	L 8 W BASIC	450 lm
	NS 4W G5	
	NS 6W G5	
	NS 7W G5	