

QT-ECO 2X5...11 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

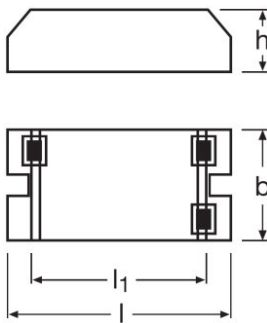
Nominal voltage	220...240 V
Mains frequency	50 Hz
Input voltage DC	176...254 V
Operating frequency	30...45 kHz
Max. ECG no. on circuit breaker 10 A (B)	51
Max. ECG no. on circuit breaker 16 A (B)	84
Inrush current	12 A

Light technical data

Starting time	2.0 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	52.00 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

ECG lifetime	30000 h ¹⁾
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Product datasheet

¹⁾ $T_c = 70^\circ\text{C}$, with max. 10% failure rate

Expected Lifetime

Product name	Lamp group				
QT-ECO 2X5...11 S	DULUX S/E 11 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	55	65	75
		Lifetime [h]	100000	50000	30000

Additional product data

Suitable for lamp power (2 lamps)	5...11 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 BAT 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	II
Type of protection	IP20

¹⁾ For detailed information please see Lamp-ECG combinations

Logistical data

Commodity code	850410809000
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Product datasheet



CAD data 3-dim
313477_80x40x23 9900043



CAD data PDF
313409_80x40x23 9900043

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300821504	QT-ECO 2X5...11 S	Shipping carton box 50	246 mm x 160 mm x 178 mm	7.01 dm ³	3041.00 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.

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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 2X5...11 S	DULUX D/E 10 W	0.14 A	20.00 W	0.60 c	600 lm	2	A2 BAT
	DULUX S/E 11 W	0.16 A	24.00 W	0.60 c	700 lm	2	A2 BAT
	DULUX S/E 7 W	0.11 A	15.00 W	0.60 c	400 lm	2	A2 BAT
	DULUX S/E 9 W	0.13 A	18.00 W	0.60 c	550 lm	2	A2 BAT
	HNS S/E 11W 2G7						
	HNS S/E 6.5W 2G7						
	HNS S/E 8W 2G7						
	L 6 W BASIC	0.11 A	14.50 W	0.60 c		2	
	L 8 W BASIC	0.13 A	17.50 W	0.60 c		2	
	NS 6W G5						
NS 7W G5							

Product name	Lamp group	Luminous flux at 35 °C
QT-ECO 2X5...11 S	DULUX D/E 10 W	
	DULUX S/E 11 W	
	DULUX S/E 7 W	
	DULUX S/E 9 W	
	HNS S/E 11W 2G7	

Product datasheet

Product name	Lamp group	Luminous flux at 35 °C
	HNS S/E 6.5W 2G7	
	HNS S/E 8W 2G7	
	L 6 W BASIC	280 lm
	L 8 W BASIC	450 lm
	NS 6W G5	
	NS 7W G5	