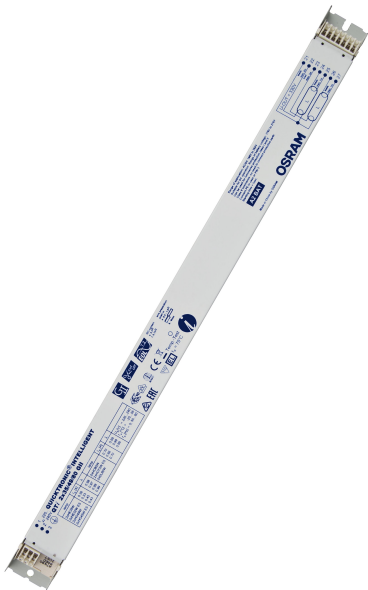


PRODUCT DATASHEET

QTi 2X35/49/80 GII

QUICKTRONIC® INTELLIGENT | ECG for FL 16mm



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 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

Product 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 T₀)
- 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

TECHNICAL DATA

Electrical data

Nominal wattage	165.00 W
Nominal voltage	220...240 V
Input voltage AC	198...264 V
Input voltage DC	176...276 V
U-OUT (working voltage)	330 V
Inrush current	39 A
Mains frequency	50/60 Hz
Max. ECG no. on circuit breaker 10 A (B)	5 ¹⁾
Max. ECG no. on circuit breaker 16 A (B)	9 ¹⁾
Operating frequency	45...70 kHz

¹⁾ Type B

Light technical data

Starting time	1 s
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Dimensions & Weight

Length	424.00 mm
Mounting hole spacing, length	415,0 mm
Width	30.00 mm
Height	21.00 mm
Product weight	380.00 g

Colors & materials

Casing material	Metal
Body material	Metal

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	110 °C
Permitted rel. humidity during operation	5...85 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	100000 h ¹⁾
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¹⁾ At T_{case} = 65 °C at T_c point / 10 % failure rate

Capabilities

Dimmable	No
Max. cable length to lamp/LED module	2.0 m / 1.0 m
Suitable for fixtures with prot. class	I / II
Suitable for emergency lighting	Yes
End of lamp life safety shutdown	EOL T.2






Certificates & Standards





Approval marks – approval	VDE / VDE-EMC / ENEC 10 / CE
Standards	Acc. to EN 61347-2-3 / Acc. to EN 60929 / Acc. to EN 55015:2006 + A1:2007 / Acc. to EN 61000-3-2 / Acc. to EN 61547
Protection class	I/II
Type of protection	IP20
Energy efficiency class	A2
EEL – Energy Label	A2 BAT

LOGISTICAL DATA

Temperature range at storage	-40...+85 °C
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DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	592500_EAC QTl T5
	Declarations of conformity	QUICKTRONIC
	Declarations of conformity UKCA	QUICKTRONIC
	Certificates	334970_EMC-Marks approval
	Certificates	504207_VDE-EMC-Certificate QTl

Documents and certificates		Document name
	Certificates	504180_VDE-ENEC-Certificate QTl
	Certificates	554891_EAC PT family
	Certificates	334971_ENEC-Marks approval
	Product family datasheet	336480_Family data sheet QTl Gll

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321658951	Unpacked 1		380.00 g	
4008321658968	Shipping box 20	435 mm x 96 mm x 170 mm	7842.00 g	7.10 dm³

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.