

PRODUCT DATASHEET

QTP-DL 2X36...40

QUICKTRONIC® PROFESSIONAL DL | ECG for CFL



Areas of application

- Emergency lighting systems acc. to EN 50172 / DIN VDE 0108-100
- Open-plan offices, corridors and storage rooms
- Public buildings
- 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

- Energy Efficiency Index EEI: A2 BAT
- Automatic shutdown of defective lamps and at end of life (EoL T.2)
- Lamp operation: to EN 60929
- Safety: to EN 61347-2-3

TECHNICAL DATA

Electrical data

Nominal wattage	80.00 W
Nominal voltage	220...240 V
Input voltage AC	198...264 V
Input voltage DC	154...276 V ¹⁾
U-OUT (working voltage)	330 V
Inrush current	23 A
Mains frequency	50/60 Hz
Max. ECG no. on circuit breaker 10 A (B)	12 ²⁾
Max. ECG no. on circuit breaker 16 A (B)	19 ²⁾
Operating frequency	45...50 kHz

1) Minimum voltage for lamp ignition: 198 V

2) Type B

Light technical data

Starting time	1 s
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Dimensions & Weight

Length	280.00 mm
Mounting hole spacing, length	270,0 mm
Width	40.00 mm
Height	28.00 mm
Product weight	290.00 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	50000 h ¹⁾
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¹⁾ At T_{case} = 75°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
End of lamp life safety shutdown	EOL T.2







Certificates & Standards




Approval marks – approval	VDE / VDE-EMC / ENEC 10 / GOST / RCM
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	1
Type of protection	IP20
Energy efficiency class	A2 BAT
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	592511_EAC QTP-DL
	Declarations of conformity	339525_Declaration of Conformity (GB)
	Certificates	335169_Manufacturer's declaration – Lamp/ECG combinations: Frequent switching
	Certificates	504181_VDE-EMC-Certificate QTP DL_TE
	Certificates	334956_EMC-Marks approval – QTP-M
	Certificates	335151_CEAG

Documents and certificates		Document name
	Certificates	334954_ENEC-Marks approval
	Certificates	335097_INOTEC
CAD/BIM files		Document name
	CAD data 3D PDF	313389_280x40x28 9900025

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321117922	Unpacked 1		290.00 g	
4008321117939	Shipping box 20	303 mm x 120 mm x 210 mm	6153.00 g	7.64 dm ³

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.