

PRODUCT DATASHEET QTP5 1X80

QUICKTRONIC® PROFESSIONAL 5 | ECG for FL 16 mm



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
- Perfect lamp start for applications with motion sensors
- Automatic restart after lamp replacement
- 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: up to 100,000 h (temperature at $T_c = 65\text{ °C}$, max. 10 % failure rate)
- 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

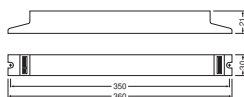
Nominal wattage	88,00 W
Nominal voltage	220...240 V
Input voltage AC	198...264 V
Input voltage DC	176...276 V
U-OUT (working voltage)	330 V
Inrush current	40 A
Mains frequency	50/60 Hz
Max. ECG no. on circuit breaker 10 A (B)	12 ¹⁾
Max. ECG no. on circuit breaker 16 A (B)	19 ¹⁾
Operating frequency	40...50 kHz

¹⁾ Type B

Light technical data

Starting time	1 s
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Dimensions & Weight



Length	360.00 mm
Mounting hole spacing, length	350,0 mm
Width	30.00 mm
Width (incl. round luminaires) [Calc.]	30.00 mm
Height	21.00 mm
Height (incl. cylin. luminaires) [calc.]	21.00 mm
Product weight	235,5 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 $T_{case} = 65^{\circ}C$ 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 / 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 BAT
EEL – Energy Label	A2 BAT

LOGISTICAL DATA

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

DOWNLOAD DATA	
	User instruction
	PRODUCT DATASHEET