PRODUCT DATASHEET
T8 ECG 2X15/220…240 V

T8 ECG | Electronic Control Gears for UVC lamps

Areas of application

- Water disinfection including UV units for drinking water, wastewater, swimming pools
- For use with UV recirculators, UV irradiators, HVAC disinfection systems
- Air purification
- Surface sterilization
- Food industry
- Offices, schools
- Healthcare
- Warehouses

Product benefits

- Specially designed for T8 UVC lamps to implement excellent lamp performance characteristics
- No adverse effect from frequent on/off switching
- Long lamp lifetime with matched driver

Product features

- Lifetime: up to 20000 h (temperature at Ta=50 °C, Tc=80°C)
- Power factor: ≥0.95
- Safety complies with EN 61347-1, EN 61347-2-3
- Radio interference complies with EN 55015
- Harmonic distortion complies with EN 61000-3-2
- EMC immunity complies with EN 61000-3-3, EN 61547
- Performance complies with EN 62493

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TECHNICAL DATA

Electrical data

Nominal wattage	34.20 W
Nominal voltage	220…240 V
Mains frequency	50/60 Hz
Total harmonic distortion	< 25 %
Power factor λ	≥ 0.95
ECG efficiency	≧85 %

Dimensions & Weight

Length	238.00 mm
Width	36.00 mm
Height	30.00 mm
Product weight	215.00 g

Colors & materials

Casing material	Plastic
Body material	Plastic

Temperatures & operating conditions

Ambient temperature range	-20…+50 °C
Maximum temperature at tc test point	85 °C
Max.housing temperature in case of fault	110 °C
Permitted rel. humidity during operation	5…80 %

Lifespan

ECG lifetime	10000 h
Number of switching cycles	10000

Capabilities

Dimmable	No
Dimming interface	Not dimmable
Overload protection	Automatic reversible

Certificates & Standards

Approval marks – approval	CE / RoHS / TUV / EAC
Protection class	I
Type of protection	IP20

LOGISTICAL DATA

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Temperature range at storage	-20…+80 °C

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075534780	Unpacked 1			
4058075536562	Bundle 5	300 mm x 240 mm x 50 mm	1053.00 g	3.60 dm^3
4058075536579	Shipping box 50	390 mm x 275 mm x 175 mm	11015.00 g	18.77 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.

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