

PRODUCT DATASHEET

HTM 70/230...240

HALOTRONIC®-COMPACT – HTM, HTN | Electronic transformers for low-voltage halogen lamps



Areas of application

- Effect and accent lighting
- Living rooms
- Object lighting
- Conference rooms
- Restaurants
- Recessed and surface-mounted furniture luminaires
- Shop lighting
- Event rooms

Product benefits

- Very low power loss thanks to high efficacy
- Strain relief suitable for different cable types (HTM)
- Suitable for space-critical installation thanks to compact functional design
- Extremely compact transformer for highly space-critical installation conditions (HTN)
- Protective operation throughout the entire partial-load range for long lamp life

Product features

- Line frequency: 50...60 Hz
- RI suppression: to EN 55015 (A1: 2007)/CISPR 15, EN 55022
- Line harmonics according to EN 61000-3-2
- Immunity according to EN 61547
- Safety: to EN 61347

- Short-circuit protection, overload protection, overtemperature protection: electronically reversible
- Electrical isolation between the primary side and the secondary side
- Dimmable on the leading edge (without HTN) and trailing edge

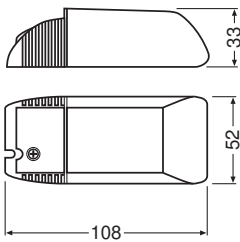
TECHNICAL DATA

Electrical data

Nominal wattage	74,00 W
Nominal voltage	230...240 V
Nominal output voltage	11,2 V ¹⁾
Input voltage range	230...240 V
Input voltage AC	207...264 V
Inrush current	0,3 A ²⁾
Mains frequency	50/60 Hz ³⁾
Power factor λ	0,99
ECG efficiency	95 % ⁴⁾
Device power loss	4 W ²⁾
Max. ECG no. on circuit breaker 10 A (B)	37
Max. ECG no. on circuit breaker 16 A (B)	59
Operating frequency	52 kHz

- 1) 70 W / 20 W
2) Maximum
3) Approximately
4) At full load

Dimensions & Weight



Length	108.00 mm
Width	52.00 mm
Width (incl. round luminaires) [Calc.]	52.00 mm
Height	33.00 mm
Height (incl. cylin. luminaires) [calc.]	33.00 mm

Cable cross-section, input side	2,5 mm ²
Cable cross-section, output side	2,5 mm ²
Wire preparation length, input side	12 mm / 7 mm ¹⁾
Wire preparation length, output side	12 mm / 7 mm ¹⁾
Product weight	110,00 g

¹⁾ Cable sheath / Wire

Colors & materials

Product color	Grey
Casing material	Plastic
Body material	Plastic

Temperatures & operating conditions

Ambient temperature range	0...+50 °C
Maximum temperature at tc test point	80 °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 %

Additional product data

Encapsulated	No
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Capabilities

Dimmable	yes
Dimming range	0...100 %
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
No-load proof	Yes
Short-circuit protection	Automatic reversible
Max. cable length to lamp/LED module	2,0 m
Suitable for fixtures with prot. class	II
Type of connection, output side	Screw terminal

Certificates & Standards













Approval marks – approval	VDE / VDE-EMC / E1 approval / EAC
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Standards	Acc. to DIN VDE 0875/CISPR 15/EN 55015 / Acc. to EN 61547/EN 61047 / Acc. to IEC 61000-3-2/EN 61000-3-2 / Acc. to IEC 61347 / Acc. to EN 61000-3-2 / Acc. to EN 61547 / Acc. to EN 61047 / Acc. to EN 61347 / Acc. to EN 55015
Protection class	II
Type of protection	IP20
Energy efficiency class	None

LOGISTICAL DATA

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

DOWNLOAD DATA	
	User instruction
	User instruction
	User instruction
	Certificates
	Certificates
	Certificates
	Certificates
	Declarations Of Conformity CE
	Declarations Of Conformity CE
	CAD data 3-dim
	CAD data 3-dim
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