

# PRODUCT DATASHEET HTI DALI 105/230...240 DIM

HALOTRONIC® HTi | Dimmable 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 ceiling luminaires
- Shop lighting
- Event rooms

### Product benefits

- Very low power consumption thanks to high efficiency
- Through-wiring possible on the primary side
- Large temperature range
- Protective operation throughout the entire partial-load range for long lamp life

#### **Product features**

- DALI transformer for low voltage halogen lamps
- Electrical isolation between the primary side and the secondary side
- Short-circuit protection, overload protection, overtemperature protection: electronically reversible
- Device fits also for special applications where dimming below 1 % is required

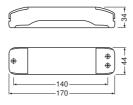
# TECHNICAL DATA

# Electrical data

Nominal wattage	108.00 W
Nominal voltage	230240 V
Nominal output voltage	11.6 V / 11.4 V <sup>1)</sup>
Input voltage range	230240 V
Input voltage DC	176275 V
Inrush current	0.6 A
Mains frequency	50/60 Hz <sup>2)</sup>
Power factor $\lambda$	0.95 <sup>3)</sup>
Device power loss	6 W <sup>4)</sup>
Max. ECG no. on circuit breaker 10 A (B)	23
Max. ECG no. on circuit breaker 16 A (B)	38
Operating frequency	40 kHz

<sup>1) &</sup>lt;sub>105</sub> W / 35 W

# Dimensions & Weight



Length	170.00 mm
Mounting hole spacing, length	140,0 mm
Width	44.00 mm
Height	34.00 mm
Wire preparation length, input side	8.0 mm
Wire preparation length, output side	8.0 mm
Product weight	160.00 g

## Colors & materials

Product color	Grey
Casing material	Plastic

<sup>2)</sup> Approximately

<sup>3) &</sup>lt;sub>Minimum</sub>

<sup>4)</sup> Maximum

	PRODUCT DATASHEE
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Body material	Plastic
Femperatures & operating conditions	
Ambient temperature range	-20+50 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	100 °C
Permitted rel. humidity during operation	585 % <sup>1)</sup>
) Maximum 56 days/year at 85 %	
Additional product data	
Encapsulated	No
Capabilities	
Dimmable	Yes
Dimming interface	DALI / Touch DIM / Touch DIM Sensor
Dimming range	0.1100 % <sup>1)</sup>
Overheating protection	Automatic reversible
	Automatic reversible
Overload protection	, tator ratio reversions
Overload protection  No-load proof	Yes
No-load proof	Yes

# Certificates & Standards

Approval marks – approval	E1 approval / VDE / VDE-EMC	
Standards	Acc. to EN 55015:2006 + A1:2007 / Acc. to EN 61000-3-2 / Acc. to EN 61547 / Acc. to EN 61347-2-2	
Protection class	II	
Type of protection	IP20	

# LOGISTICAL DATA

Temperature range at storage	-40+85 °C

# Energy labelling regulation data acc EU 2019/2015

	0.50 W
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# DOWNLOAD DATA

	Documents and certificates	Document name	
POF	User instruction / safety instructions	334136_Technical guide - HALOTRONIC for low-voltage halogen lamps	
POF	User instruction / safety instructions	334563_HALOTRONIC INTELLIGENT - Manual	
POF	Declarations of conformity	710835_EC-DOC Halotronic	
POF	Certificates	VDE EMC Dertificate 40024187	
POF	Certificates	HALOTRONIC EMC 134590 080720	
POF	Certificates	VDE ENEC Certificate 40024665	
POF	Certificates	504178_EAC HT family	
POF	EU Data Act	Connected Products and Related Software and Services	
	CAD/BIM files Docur	ment name	
POF	CAD data 3D PDF 31745	51_HTL 105/230-240 and HTL 225/230-240 9900052	

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321420633	Unpacked 1		160.00 g	
4008321420640	Shipping box 10	235 mm x 89 mm x 183 mm	1711.00 g	3.83 dm <sup>3</sup>

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.