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 family 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 family 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

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Technical data

Electrical data

Product description	Lamp wattage	Maximum output power	Line current	Nominal voltage	Operating frequency
HTI DALI 105/230...240 DIM	35...105 W	105 W	0.45 A	230...240 V	40 kHz [1]

Product description	Nominal output voltage	Efficiency in full-load
HTI DALI 105/230...240 DIM	11.6 / 11.4 V	95 %

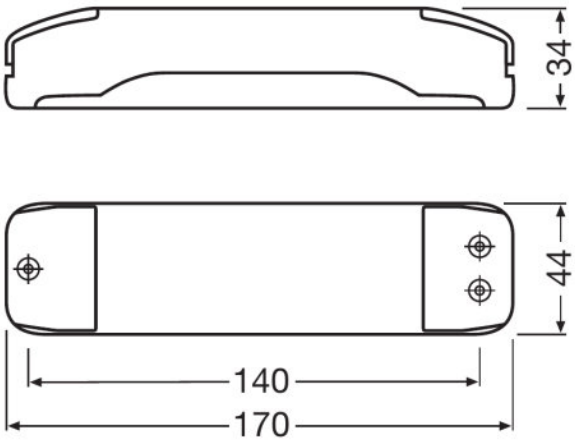
[1] Approximately

Dimensions & weight

Product description	Length	Width	Height	Wire preparation length, input side	Wire preparation length, output side
HTI DALI 105/230...240 DIM	170.0 mm	44.0 mm	34.0 mm	8.0 mm	8.0 mm

Product description	Mounting hole spacing, length	Product weight
HTI DALI 105/230...240 DIM	140.0 mm	160.00 g

Product line drawing



HTI DALI 105/230...240 DIM

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Temperatures & operating conditions

Product description	Ambient temperature range
HTI DALI 105/230...240 DIM	-20...+50 °C

Capabilities

Product description	Dimming method
HTI DALI 105/230...240 DIM	Phase cut-off

Certificates & standards

Product description	Approval marks – approval	Standards	Type of protection
HTI DALI 105/230...240 DIM	E1 approval / VDE / VDE-EMC	Acc. to EN 55015:2006 + A1:2007/Acc. to EN 61000-3-2/Acc. to EN 61547/Acc. to EN 61347-2-2	IP20

Logistical data

Product description	Commodity code
HTI DALI 105/230...240 DIM	85044095900

Environmental information
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)

Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
HTI DALI 105/230...240 DIM	21-04-2023	4008321420633	Lead

Product description	CAS No. of substance 1	Safe Use Instruction	Declaration No. in SCIP database
HTI DALI 105/230...240 DIM	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	9345a0a7-e3a5-49b7-880f-5f065a3e772f

Application advice

For more detailed application information and graphics please see product datasheet.

Sales and Technical Support

Sales and Technical Support www.osram.com

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Product family datasheet

Country specific information

Product description	Product code	METEL code	SEG-No.	STK number	UK Org
HTI DALI 105/230...240 DIM	4008321420633	OSRHTIDALI105	-	4030093	-
HTI DALI 105/230...240 DIM	4008321420633	OSRHTIDALI105	-	4030093	-

Download Data

	File
	Product Datasheet 321473_ATI HTi DALI 105230-240 DIM (G+GB)
	Certificates 504178_EAC HT family
	Certificates HTL HTM HTI DALI VDE ENEC 40024665 070923
	Certificates VDE EMC Dertificate 40024187
	Declarations of conformity 710835_EC-DOC Halotronic
	Installation guide 334563_HALOTRONIC INTELLIGENT – Manual
	CAD data 3-dim 317452_HTL 105230-240 and HTL 225230-240 9900052
	CAD data 3-dim 317453_HTL 105230-240 and HTL 225230-240 9900052
	CAD data 3-dim 317454_HTL 105230-240 and HTL 225230-240 9900052
	CAD data PDF 317451_HTL 105230-240 and HTL 225230-240 9900052

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321420633	HTI DALI 105/230...240 DIM	Shipping carton box 10	235 mm x 183 mm x 89 mm	3.83 dm^3	1889.00 g

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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