

Universally  
dimmable



A small mouse with  
huge advantages

HALOTRONIC® HTM Mouse

SEE THE WORLD IN A NEW LIGHT

**OSRAM**



# HALOTRONIC® HTM Mouse – the versatile electronic transformer from OSRAM.

The successful electronic „Mouse“ transformer from OSRAM for modern uncomplicated installation of low-voltage halogen light.


HALOTRONIC® HTM Mouse is super-compact, universally dimmable, “modest” in price and can fit in even the tightest of spaces.

For more information go to [www.osram.com](http://www.osram.com).

## As agile as a real mouse, for installation in tiny ceiling cut-outs

HALOTRONIC® HTM Mouse has a unique design that is perfect for its intended applications. With its rounded shape and easily accessible terminal strip it is ideal for tricky locations. It is so light and agile it can be fitted into the tiniest spaces in recessed ceilings.

## Tiny procurement costs – huge price/performance ratio

The Mouse transformer from OSRAM complies with all the relevant requirements and standards relating to safety, operation and electromagnetic compatibility (EMC) and carries the European ENEC symbol. HALOTRONIC® HTM Mouse is short-circuit protected and highly reliable. The unit can be dimmed with leading-edge phase dimmers (for inductive loads) and  trailing-edge phase dimmers.

## Three wattage ratings for maximum versatility

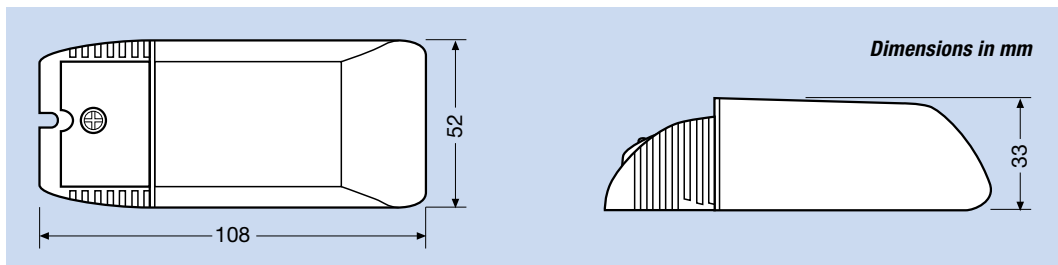
With the 70 W, 105 W and 150 W versions (see separate product information), the HALOTRONIC® HTM Mouse family now offers three wattages to cover all applications.







*Its asymmetrical shape means the transformer can be easily installed in shallow suspended ceilings.*



*The power cable runs along the special groove at the bottom of the transformer.*



## Technical data

Reference	HTM 70/ 230-240	HTM 105/ 230-240
Rated voltage	230 V/240 Vac	230 V/240 Vac
Rated current	0.27 Arms	0.41 Arms
Mains frequency	50–60 Hz	50–60 Hz
Secondary voltage (at 230 V)	11.2 V (70 W), 11.2 V (20 W)	11.3 V (105 W), 11.4 V (35 W)
Partial load operation	20–70 W	35–105 W
Dimming	with leading-edge and trailing edge phase dimmers	
Short-circuit protection	electronic, reversible	
Overload protection	electronic shutdown, reversible	
Overtemperature protection	electronic shutdown, reversible	
Dimensions (lxwxh)	108 mm x 52 mm x 33 mm	108 mm x 52 mm x 33 mm
Approval marks	 	 

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SEE THE WORLD IN A NEW LIGHT



THE NEW HALOTRONIC MOUSE® 150 W

# MAKING CONNECTIONS IN SMALL SPACES



Small, lightweight, agile, modest and adaptable, the mouse has secured its place in the big wide world. With the same admirable characteristics the electronic "Mouse" transformer from OSRAM has established

itself as a firm favourite among electricians for its modern and uncomplicated concept for installing low-voltage halogen light. Now the family is expanding. The new HALOTRONIC MOUSE® 150 W offers more power

but is still extremely compact and offers a high level of convenience in terms of connectivity and installation. It also takes after the rest of the family in its impressive price/performance ratio.

**THERE IS LIGHT. AND THERE IS OSRAM.**

**OSRAM**

## AS AGILE AS A MOUSE

HTM® 150/230-240 has a unique practical design. With its rounded edges and small dimensions this transformer is ideal for problem areas such as shallow suspended ceilings. For a standard ceiling opening with a diameter of 68 mm it only needs a clearance of 70 to 75 mm depending on the connecting cables used (or a clearance of 115 to 120 mm for a ceiling opening with a diameter of 55 mm).

## SIMPLE WIRING - FOR UP TO SIX LUMINAIRES

Two pairs of terminals on the primary side provide simple looping from unit to unit. Three pairs of terminals on the secondary side enable up to six luminaires to be connected. And the Mouse can be used with trailing- and leading-edge dimmers for inductive loads.

## UNRIVALLED OSRAM QUALITY FOR IMPRESSIVE SAFETY AND RELIABILITY

Despite its high output power and compact dimensions the transformer is approved for ambient temperatures of up to 45 °C ( $t_a = 45\text{ °C}$ ). The reversible safety shutdown circuit protects against short-circuits. In the event of an overload caused by the lamps or if the temperature rises above a certain threshold the output power is automatically reduced.

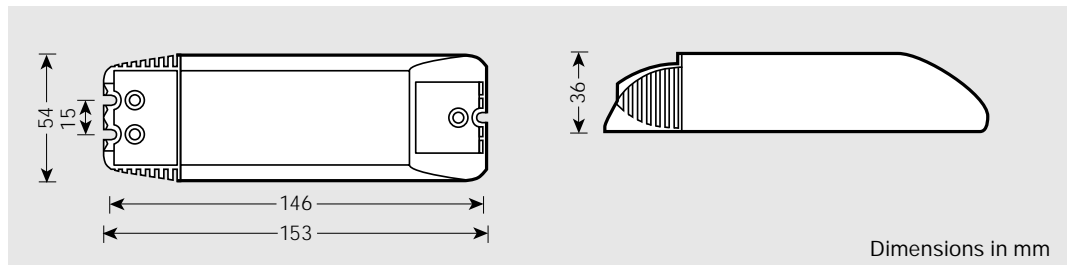
This reliable and long-lived mouse transformer meets all the relevant requirements in terms of safety, operation and EMC. It carries the ENEC, VDE, VDE EMC and MM marks.

## COMPLETE RANGE FOR MAXIMUM VERSATILITY

With the new 150 W version and the existing 70 W and 105 W models the HALOTRONIC MOUSE® family now covers three power levels each designed for a particular range of applications.



*The wired-up 150 W Mouse is inserted, primary side first, in the ceiling opening.*



## TECHNICAL DATA

Reference	HTM® 150/230-240
Rated voltage	230 V/240 V ac
Rated current	0.57 A <sub>rms</sub>
Mains frequency	50/60 Hz
Part-load operation	50 - 150 W
Secondary voltage (at 230 V)	11.4 V (150 W), 11.5 V (50 W)
Dimming	with trailing- and leading-edge dimmers for inductive loads
Max. permissible ambient temperature	$t_a = 45\text{ °C}$
Short-circuit protection	electronic shutdown, reversible
Overload protection	electronic shutdown, reversible
Overtemperature protection	electronic shutdown, reversible
Primary side:	2 terminal pairs: for through-wiring
Secondary side:	3 terminal pairs: up to 6 luminaires can be connected depending on the cable used
Dimensions (l x w x h)	153 mm x 54 mm x 36 mm
Approval marks	

THERE IS LIGHT. AND THERE IS OSRAM.

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