



The original: HALOTRONIC MOUSE®

HTM® 70 and 105 now with
two luminaire connections

SEE THE WORLD IN A NEW LIGHT



HALOTRONIC MOUSE® – the versatile electronic transformers from OSRAM.



A choice of three for maximum versatility

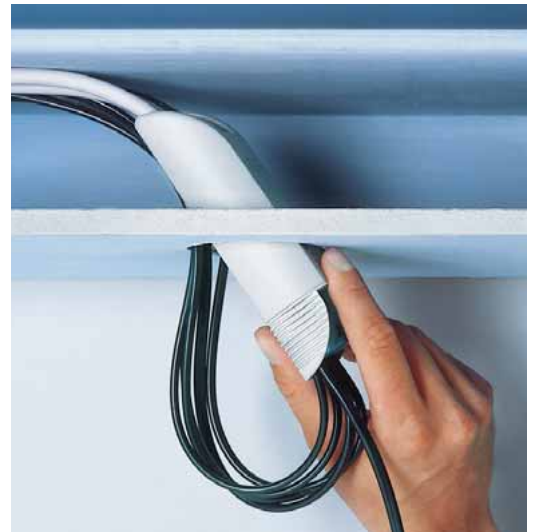
HALOTRONIC MOUSE® (HTM®) transformers from OSRAM are the perfect choice for modern uncomplicated installation of low-voltage halogen light. These innovative electronic transformers are extremely compact, universally dimmable and exceptionally reliable.

With the new optimised 70W and 105W versions and the unchanged, tried and tested 150W version, the HTM® family offers three wattages to cover all applications.

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

HALOTRONIC MOUSE® has a unique design that is perfect for its intended applications. With their rounded shape and small dimensions, these transformers are ideal for tricky locations. They are so light and agile they can squeeze into the tiniest spaces in recessed ceilings.

For a standard ceiling opening with a diameter of 68 mm, the HTM® 150 needs a depth of only 75 mm (or 120 mm for an opening of 55 mm). HTM® 70 and HTM® 105 need even less space. For openings of 68 mm and 55 mm, they need just 48 mm and 60 mm respectively.



The wired 150W Mouse is inserted in the opening with the primary side first.



All the "mice" are suitable for small ceiling openings with a diameter of 55 mm.



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

Even better, even more practical. The new HTM® 70 and HTM® 105.



OSRAM has further improved its HALOTRONIC® HTM® 70 and HTM® 105 and equipped them with new intelligent and practical features – without limiting the “mobility” of the Mouse transformers. Despite these technical modifications and improvements, the dimensions and shape of the HTM® 70 and HTM® 105 remain unchanged.

New: connection of up to two luminaires

HTM® 70 and HTM® 105 now have three pairs of terminals, one primary pair and two secondary pairs. This means that one or two luminaires can be connected with no problem at all. The reliable high-quality terminals are housed in a terminal block. They cannot twist, so they prevent the unit from being damaged when they are being wired up.

New: a wide variety of cable cross-sections

The HTM® 70 and HTM® 105 units can now take not only NYM cables but also a wide range of cable cross-sections: round cables with a diameter of 5.5 to 10 mm and oval cables from 6 x 3.5 mm to 8 x 5 mm. The tried and trusted and extremely reliable screw-down method of cable clamp is used. The advantage is obvious. Different types of connecting cable are reliably clamped in accordance with the relevant standards.

This makes the units more versatile and reduces the liability risk for electricians. Proper cable clamp for the cabling is essential for correct installation of low-voltage systems.

New: captive fixing screw in the cap

Simple but effective. The fixing screw for the HTM® 70 and HTM® 105 is now held captive in the cable clamp cap. This means that the units are much easier to install and there's no need to keep going up and down ladders to retrieve screws that have dropped out.

As powerful as ever – HTM® 150.

Simple wiring and connection of up to six luminaires

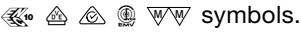

Two terminal pairs on the primary side make for simple through-looping from unit to unit. Three terminal pairs on the secondary side enable up to six luminaires to be connected. As in the case of the small wattages, different cable cross-sections can be used and clamped according to the relevant standards.

No losses at high ambient temperatures

Despite its high output power and compact dimensions, the HTM® 150 is approved for use in ambient temperatures up to 45 °C ($t_a = 45\text{ °C}$) – thanks to its low losses.

HTM® – the original from OSRAM.

Impressive quality, safety and reliability

The Mouse transformers from OSRAM meet all the requirements and standards relating to safety, operation and electromagnetic compatibility: They carry the  symbols. HALOTRONIC MOUSE® has reversible protection against short-circuits, high temperatures and overloads. The units can be dimmed with leading-edge phase dimmers (for inductive loads) and trailing-edge phase dimmers. 

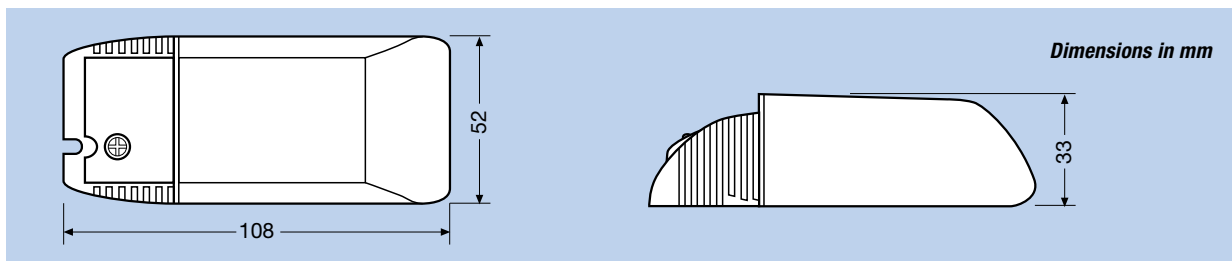
HTM® has been successfully used in millions of installations and is exceptionally reliable – what's more it comes at a very tempting price.









Universally dimmable*

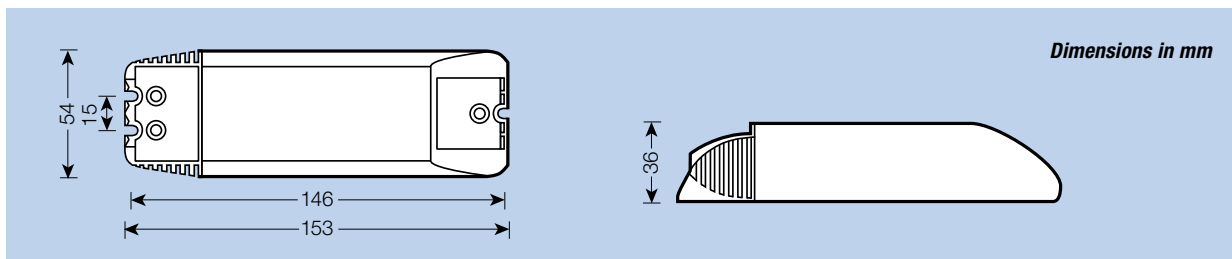


HTM® 70 and HTM® 105 with two luminaire connections
* With leading-edge phase dimmers (for inductive loads) and trailing-edge phase dimmers




Technical data

Reference	HTM 70/230-240	HTM 105/230-240
Rated voltage (AC)	230 V/240 V	230 V/240 V
Rated current (RMS)	0.27 A	0.41 A
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 (for inductive loads) and trailing-edge phase dimmers	
Max. permitted ambient temperature	$t_a = 50^\circ\text{C}$	$t_a = 45^\circ\text{C}$
Short-circuit protection	Electronic shutdown, reversible	
Overload protection	Electronic shutdown, reversible	
Overtemperature protection	Electronic shutdown, reversible	
Secondary side	2 terminal pairs: Connection of one or two luminaires	
Dimensions (lxwxh)	108 mm x 52 mm x 33 mm	108 mm x 52 mm x 33 mm
Ceiling opening/mounting height	Ø 55/60 mm Ø 68/48 mm	
Approval marks	    	



Technical data

Reference	HTM 150/230-240
Rated voltage (AC)	230 V/240 V
Rated current (RMS)	0.57 A
Mains frequency	50-60 Hz
Secondary voltage (at 230 V)	11.4 V (150 W), 11.5 V (50 W)
Partial load operation	50-150 W
Dimming 	with leading-edge (for inductive loads) and trailing-edge phase dimmers
Max. permitted ambient temperature	$t_a = 45^\circ\text{C}$
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: Connection of up to 6 luminaires depending on the cable used
Dimensions (lxwxh)	153 mm x 54 mm x 36 mm
Ceiling opening/mounting height	Ø 55/120 mm Ø 68/75 mm
Approval marks	