









Technical data:

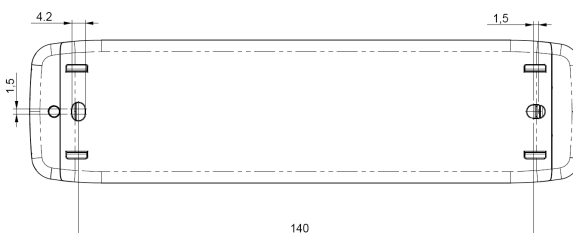
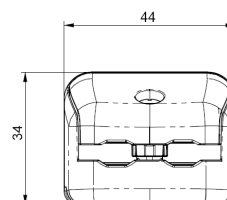
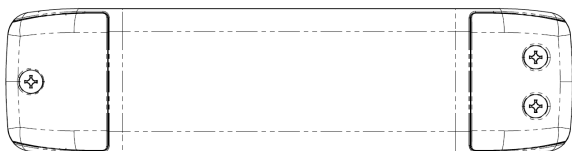
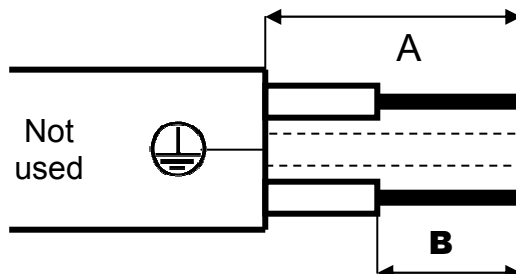
Reference:	HTL 105/230-240	HTL 225/230-240
for lamp:	1x100/1x90/1x75/1-2x50/ 1-3x35/2-5x20/4-10x10/7-21x5	1-2x100/1-2x90/1-3x75 1-4x50/2-6x35/3-11x20/ 5-22x10/10-45x5
Line voltage:	230 - 240 V	
Line current:	0.44 A <sub>eff.</sub>	0.90 A <sub>eff.</sub>
Line frequency:	0; 50 - 60 Hz	
Voltage at the lamp (@ 230V):	11.3 V (35 W), 11.6 V (105 W)	11.7 V (50 W), 11.6 V (225 W)
Max. lamp wattage:	105 W	225 W
Losses:	max. 6 W (105 W)	max. 9 W (225 W)
Partial load:	35 W - 105 W	50 W - 225 W
Max. safe operating voltage:	207 - 264 V <sub>AC</sub> ; 176 - 275 V <sub>DC</sub>	
Operating frequency:	App. 40 kHz	App. 50 kHz
Power factor:	> 0.95	> 0.95
Safety:	EN 61347	
Radio interference:	EN 55015 (A1: 2007)	
Harmonic content:	EN 61000-3-2	
Immunity:	EN 61547	
Performance:	EN 61047	
Temperature range:	-20 °C to +50 °C	
t <sub>c</sub> :	80 °C	85 °C
Galvanic insulation between primary and secondary side:	4 kV <sub>eff.</sub>	
Max. inrush current:	App. 0.6 A <sub>eff.</sub> (105 W)	App. 1.5 A <sub>eff.</sub> (225 W)
Dimming:	trailing <u>or</u> leading edge phase control 	
No-load proof:	yes	
Protection against short-circuits, overload and overtemperature:	automat. switch off, reversible	
Connections:	screw terminals	
12 V-wiring:	max. 2 m	
Cable types for primary side:	H03VV-F2x0.50 mm <sup>2</sup> ; H03VV-F2x0.75 mm <sup>2</sup> ; H05VVH2-F2x0.75 mm <sup>2</sup> ; H03VVH2-F2x0.75 mm <sup>2</sup> ; NYM-O 2x1.5 mm <sup>2</sup> ; NYM-J 3x1.5 mm <sup>2</sup> ; H05VV-F2x2.5 mm <sup>2</sup>	
Cable types for secondary side:	H03VV-F2x0.75 mm <sup>2</sup> ; H05VVH2-F2x0.75 mm <sup>2</sup> ; NYM-O 2x1.5 mm <sup>2</sup> ; H05VV-F2x1.5 mm <sup>2</sup> ; H05VV-F2x2.5 mm <sup>2</sup> ; NYM-J 3x1.5 mm <sup>2</sup> ; NYM-J 3x2.5 mm <sup>2</sup>	
Terminal on primary:	max. 2.5 mm <sup>2</sup>	
Terminal on secondary:	max. 4.0 mm <sup>2</sup>	
Geometry (l x w x h):	170 mm x 44 mm x 34 mm	
Weight:	app. 160 g	app. 225 g
Marks:	      	

**HALOTRONIC®**  
**for remote installation**  
**HTL 105/230-240**  
**HTL 225/230-240**

**Technical Information**  
 Edition: Aug. 2010  
 Subject to change

Wire stripping:

cable sheath = 14 mm [ A ]  
 conductor = 8 mm [ B ]



**HALOTRONIC® HTL 105/230-240**  
 Electronic transformer 35-105 W  
 Dimmable with leading and trailing edge phase control

Lamp [W]	U <sub>n</sub> [V]	I <sub>n</sub> [A]	f <sub>n</sub> [Hz]	λ	t <sub>c</sub> [°C]
35-105	230-240	0.16-0.5	0; 50-60	> 0.95	50

t<sub>c</sub> = 80°C max  
 Safety: EN61347-2-2  
 RFI: EN55015

CE, SELV, OSRAM Made by OSRAM Italy

Primary: PRI 230-240 V 0; 50-60 Hz  
 Secondary: SEC 11.8 V ~ max. 2 m

max. 12 A

Suitable for emergency installation  
 Range of battery voltage: 176 to 275 V

**HALOTRONIC® HTL 225/230-240**  
 Electronic transformer 50-225 W  
 Dimmable with leading and trailing edge phase control

Lamp [W]	U <sub>n</sub> [V]	I <sub>n</sub> [A]	f <sub>n</sub> [Hz]	λ	t <sub>c</sub> [°C]
50-225	230-240	0.25-1	0; 50-60	> 0.95	50

t<sub>c</sub> = 85°C max  
 Safety: EN61347-2-2  
 RFI: EN55015

CE, SELV, OSRAM Made in Italy by OSRAM

Primary: PRI 230-240 V 0; 50-60 Hz  
 Secondary: SEC 11.8 V ~ max. 2 m

max. 16 A

Suitable for emergency installation  
 Range of battery voltage: 176 to 275 V