

**Electronic Transformer
for remote installation
HTL 105/230-240
HTL 225/230-240**

**Technical
Information**
Edition: July 2008
Subject to change

Technical data:

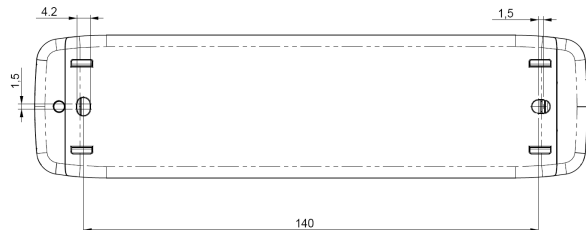
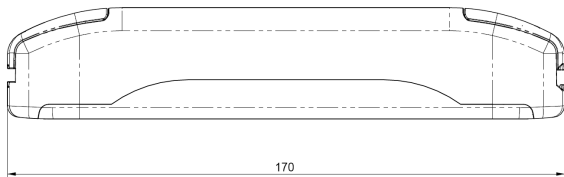
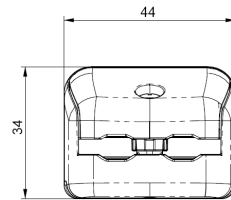
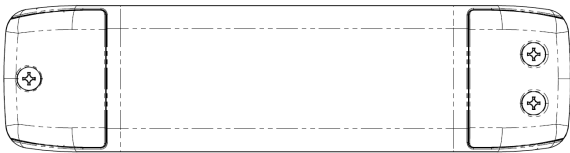
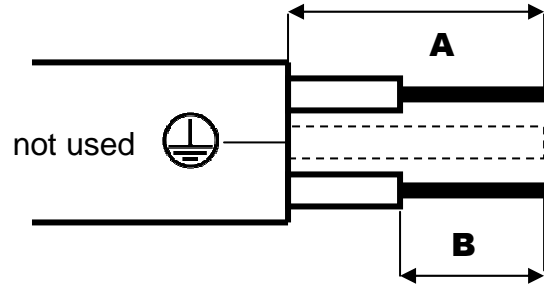
Reference:	HTL 105/230-240	HTL 225/230-240
for lamp:	1x100/1x90/1x75/1-2x50/ 1-3x35/2-5x20/4-10x10/7-21x5	1-2x100/1-2x90/1-3x75 1-4x50/2-6x35/3-11x20/ 5-22x10/10-45x5
Line voltage:	230 – 240V~	
Line current:	0.45 ARMS	0.95 ARMS
Line frequency:	0; 50-60 Hz	
Voltage at the lamp (@ 230V):	11.3 V (35 W), 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. 8 W (225 W)
Partial load:	35 W – 105 W	50 W – 225 W
Max. safe operating voltage:	207 – 264 V AC; 176 – 275 V DC	
Operating frequency:	App. 40 kHz	App. 50 kHz
Power factor:	>0.95	>0.95
Safety:	EN 61347-2-2	
Radio interference:	EN 55015	
Harmonic content:	EN 61000-3-2	
Immunity:	EN 61547	
Temperature range:	0 °C to +50 °C	
Galvanic insulation between primary and secondary side:	4 kV _{RMS}	
Max. inrush current:	App. 0.6 A (105 W)	App. 1.5 A (225 W)
Dimming:	Trailing or leading edge phase control for inductive load dimmers	
No-load proof:	Yes	
Short circuit protection:	automat. switch off reversible	
Overload protection:	automat. switch off reversible	
Overheating protection:	automat. switch off reversible	
Connections:	screw terminals	
12 V-wiring:	max. 2 m	
Primary:	H03VV/F2x0.50mm ² ; H03VV/F2x0.75mm ² ; H05VVH2/F2X0.75mm ² H05VV-F2X2.5mm ² ; H03VVH2/F2x0.75mm ² ; NYM-O 2x1.5 mm ² NYM-J 3x1.5 mm ²	
Secondary:	H05VVH2/F 2x0.75mm ² ; H05VV-F 2x1.5mm ² ; H05VV-F2x2.5mm ² H03VV/F 2x0.75mm ² ; NYM-J 3x1.5 mm ² NYM-J 3x2.5 mm ² ; NYM-O 2x1.5 mm ²	
Wire stripping:	sheath 1.4 cm; conductors 0.8 cm	
Terminal on primary:	max. 2.5 mm ²	
Terminal on secondary:	max. 4.0 mm ²	
Geometry (l x w x h):	170 mm x 44 mm x 34 mm	
Weight:	app. 165 g	app. 185 g
Approvals:		

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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 _n [V]	I _n [A]	f _n [Hz]	λ	t _g [°C]
35-105	230-240	0.16-0.5	0; 50-60	> 0.95	50

t_c = 80°C max
Safety: EN61347-2-2
RFI: EN55015

CE, SELV, OSRAM Made by OSRAM Italy

230-240 V 0; 50-60 Hz
max. 12 A

PR1 230-240 V 0; 50-60 Hz

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

SEC 11.8 V ~ max. 2 m

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

Lamp [W]	U _n [V]	I _n [A]	f _n [Hz]	λ	t _g [°C]
50-225	230-240	0.25-1	0; 50-60	> 0.95	50

t_c = 85°C max
Safety: EN61347-2-2
RFI: EN55015

CE, SELV, OSRAM Made by OSRAM Italy

230-240 V 0; 50-60 Hz
max. 16 A

PR1 230-240 V 0; 50-60 Hz

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

SEC 11.8 V ~ max. 2 m