

HALOTRONIC ^â

Electronic Transformer

HT 210/230/12 L

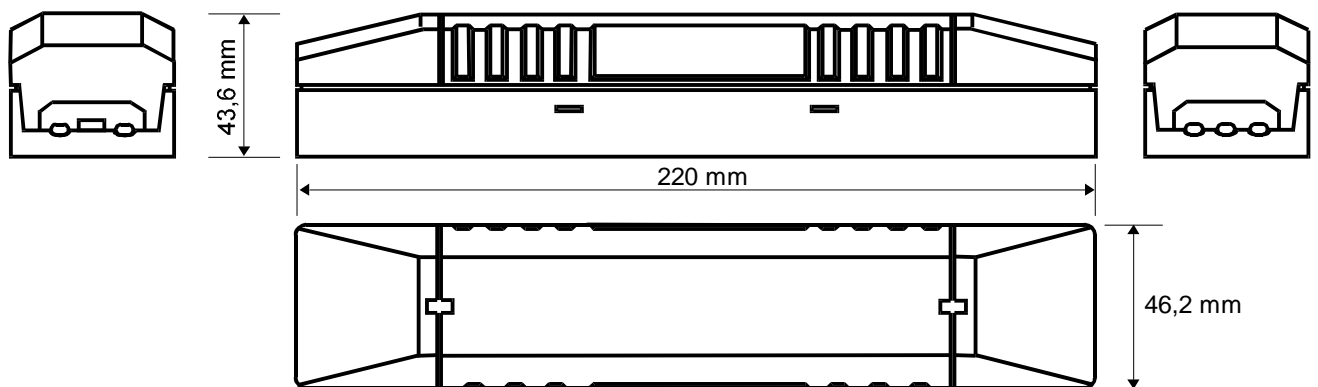
Technical Information

Edition: May 98
Subject to change

Technical Data:

Reference:	HT 210/230/12 L		
for lamp (Watt):	1-2x100/1-2x90/1-3x65/1-4x50/2-6x35/3-10x20/5-21x10		
Line voltage:	230 V \simeq		
Line current:	900 mA _{eff}		
Line frequency:	0 / 50 Hz		
Voltage at the lamp:	11,6 V (210 W), 11,8 V (50 W)		
Max. lamp wattage:	210 W		
Losses:	9 W (210 W), 2,5 W (50W)		
Partial load:	50 W - 210 W		
Max. allowed voltage (AC/DC):	230 V _{eff} + 6 %		
Operating frequency:	approx. 35 kHz		
Power factor:	0.99		
Radio interference:	EN 55015		
Harmonic content:	EN 61000-3-2		
Temperature range:	-20 °C bis +50 °C		
Galvanic insulation between primary and secondary side:	4 kV _{eff}		
Max. switch-on current for cold lamp:	5 A _{eff} (210 W)		
Dimming:	trailing edge phase control		
No-load proof:	Yes		
Short circuite protection	electronic, reversible		
Overload protection:	electronic power limitation, reversible		
Overheating protection:	electronic power limitation, reversible		
Connections:	Screw terminals	Primary:	2 pairs
		Secondary:	3 pairs
12 V-wiring:	max. 2 m		
Primary cable:	DIN 57281 H03VV-F 2x0,50; H03VV-F 2x0,75; H05VV-F 2x0,75; Nym 3x1,5		
Secondary cable:	DIN 57281 H03VV-F 2x0,75; H05VV-F 2x0,75; H05VV-F 2x1,00; H05VV-F 2x1,5		
Wire stripping:	sheath 2 cm, conductors 1 cm		
Cross section, primary:	0,5 mm ² ; 0,75 mm ² ; 1,5 mm ²		
Cross section, secondary:	0,75 mm ² ; 1,0 mm ² ; 1,5 mm ²		
Geometry (l x w x h):	220 mm x 46,2 mm x 43,6 mm		

Geometrical Data



for ceiling apertures with diameter > 65mm

Measurements of mounting holes:

