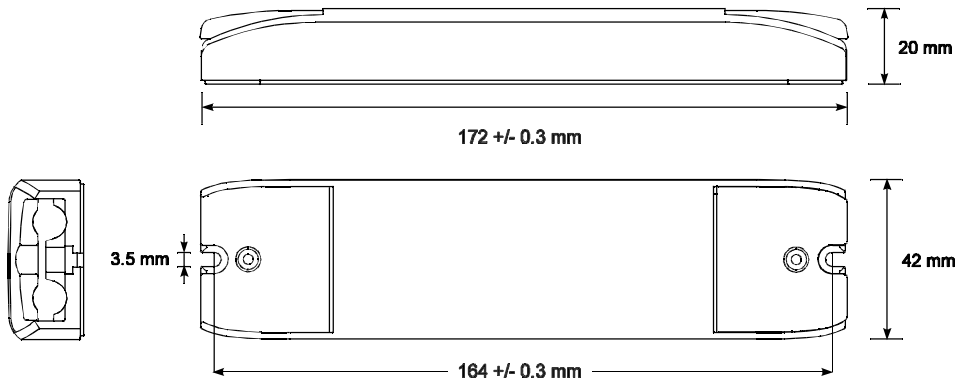


**HALOTRONIC® LF**  
**Electronic Transformer**  
**HT 120/230-240/12 LF**

**Technical  
Information**  
Edition: 21.08.1998  
Subject to change

Technical Data:

Reference	HT 120/230-240/12 LF
For 12V Halogenlamp(s) (wattage)	1x100/1x90/1x75/1x65/ 1-2x50/1-3x35/2-6x20/ 4-12x10/7-24x5
Line voltage (RMS):	230V~ - 240V~
Max. allowed voltage:	240V~ + 6 %
Line frequency:	50 Hz
Line current (230V, max.load):	0.48 A
Max. inrush current with cold lamp (RMS):	2.0 A (120 W)
Secondary voltage (at 230V):	11.5V (120W), 11.5V (35W)
Operating frequency:	ca. 50 kHz
Max. lamp load:	120 W
Load range:	35 W - 120 W
Power losses:	max. 6 W (120 W)
Power factor:	0.95
Isolation between primary and secondary side (RMS):	4 kV (SELV)
Dimming:	Trailing edge phase control
Temperature range:	-20 °C to +45 °C
t <sub>c</sub> :	80 °C max.
Geometry (l x w x h):	172 mm x 42 mm x 20 mm
Fixing screw:	∅ 3mm or ∅ 3.5mm
Primary wiring cross section:	0.75 mm <sup>2</sup> ; 1.0 mm <sup>2</sup> ; 1.5 mm <sup>2</sup>
Mains cable:	DIN 57281 NYM 3x1.5 mm <sup>2</sup> ; H03VV/F2x0.75 mm <sup>2</sup> ; H03VVH2/F2x0.75 mm <sup>2</sup> ; H05VV/F2x0.75 mm <sup>2</sup>
Connections, primary:	2 pairs of screw terminals with covering and strain relief
Secondary wiring cross section:	0.75 mm <sup>2</sup> ; 1.0 mm <sup>2</sup> ; 1.5 mm <sup>2</sup>
Lamp cable:	DIN 57281 NYM 3x1.5 mm <sup>2</sup> ; H03VV/F2x0.75 mm <sup>2</sup> ; H03VVH2/F2x0.75 mm <sup>2</sup> ; H05VV/F2x0.75 mm <sup>2</sup>
Length of secondary wiring:	< 2m
Connections, secondary:	2 pairs of screw terminals with covering and strain relief
Open loop protection:	Yes
Short circuit protection:	electronically reversible
Overload protection:	electronically reversible
Overheating protection:	electronic power limitation
Radio interference:	EN 55015
Harmonic content:	EN 61000-3-2
Immunity:	EN 61547
Approvals:	VDE, ENEC, VDE-EMV



Instructions for the removal of isolation:

