

HF-Regulator PL-T/C

HF-R 218 PL-T/C 220-240V 50/60Hz

Compact, lightweight High-Frequency electronic regulating ballast for PL-T and PL-C compact fluorescent lamps

Product data

• General Characteristics

Interface	1-10V
Rated Number of Lamps	2 piece
Rated Ballast-Lamp Power	18
Rated Lamptype	PL-T/C
Line Voltage	220-240 V
Line Frequency	50/60 Hz
Housing	S 123x79x33
Lifetime 90% surv.@Tcaselife	50000 hr
Energy Efficiency Index	A1

• Operating Characteristics

Automatic restart	Yes
Battery voltage running lamps	176-254
Battery voltage lamp ignition	198-254 V
Constant wattage deviation	-2%/+2%
Control input protection	Yes
Inrush current Peak	27 (max) A
Inrush current Width	0.25 ms
Max ballast on MCB(16A type B)	28 x
Earth leakage current	0.5 (max) mA
Mains voltage safety (AC)	-10%/+10%
Mains voltage performance (AC)	-8%/+6%
Overvoltage protection 320Vac	48 hr

Overvoltage protection 350Vac	2 hr
PowerFactor 100% output power	0.95 -
Power losses gear	6.0 W
Regulating level	3%-100%
power	
Stable lamp operation temp.	- [Not specified]
Crestfactor	1.7 (max) -
Ignition time	2.0 (max) s
Operating frequency	100 (max) kHz
Hum and Noise level	Inaudible

• Wiring Characteristics

Cable-Cap output-wires to earth	75 pF
Cable-Cap output-wires mutual	30 pF
Conn.type input terminals	Insert
Conn.type output terminals	Insert
Conn.type ctrl input terminals	Insert
Striplength	11.0 mm
Dual fixture Master/Slave	Not advisable [Master/Slave operation not advised]
Wcs Control input terminals	0.50-1.50 mm ²
Wcs Input terminals	0.50-1.50 mm ²
Wcs Output terminals	0.50-1.50 mm ²

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HF-Regulator PL-T/C

• Temperature Characteristics

T-case life	65 C
T-case maximum	75 (max) C
T-ignition	10 (min), 50 (max) C
T-ambient	10 (min), 50 (max) C
T-storage	-25 (min), 80 (max) C

• Approval & Application Chars

EMI 9kHz .. 30 MHz	EN 55015
EMI 30 MHz .. 1000MHz	EN 55022 level B [Level = Class]
Safety Standard	IEC 61347-2-3
Performance Standard	IEC 60929
Quality Standard	ISO 9000:2000
Environmental Standard	ISO 14001
Harmonic current emissions	IEC 61000-3-2
EMC Immunity	IEC 61547
Vibrations	IEC 68-2-6 Fc
Bumps	IEC 68-2-29 Eb
Humidity	EN 61347-2-3 clause 11
Approval marks	ENEC / VDE-EMV
CE marking	Yes
Temperature marking	110 [Yes]
Emergency standard	IEC 60598-2-22

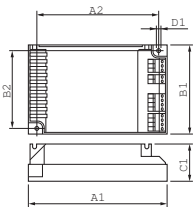
• Product Dimensions

Length A1	123.0 mm
Fixing Hole Distance	111.0 mm
Length A2	
Width B1	79.0 mm
Fixing Hole Distance	67.0 mm
Width B2	
Height C1	33.0 mm
Fixing Hole Diameter D1	4.5 mm

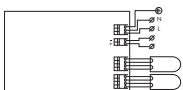
• Product Data

Order code	913700605066
Full product code	913700605066
Full product name	HF-R 218 PL-T/C 220-240V 50/60Hz
Order product name	HF-R 218 PL-T/C 220-240V 50/60Hz
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500908698
Bar code on outerbox - EAN3	8711500908759
Logistic code(s) - 12NC	913700605066
Net weight per piece	0.205 kg

Dimensional drawing



Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	B2 (Norm)	C1 (Norm)	D1 (Norm)
HF-R 218 PL-T/C 220-240V 50/60Hz	123.0	111.0	79.0	67.0	33.0	4.5



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data subject to change