

HF-Performer III for PL-T/C lamps

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

HF-Performer III PL-T/C is a sustainable, slim and high-frequency electronic ballast for PL-T and PL-C fluorescent lamps. It is ideal for applications where high energy efficiency is required. The HF-Performer III range has a robust design, meets all relevant international safety and performance standards and is energy efficient (CELMA EEI A2).

Product data

• General Information

Application Code	III
Lamp Type	PL-T/C
Number Of Lamps	2 piece/unit
Number Of Products On MCB (16A Type B) (Nom)	28
Automatic Restart	Yes

• Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Operating Frequency (Max)	- kHz
Operating Frequency (Min)	42 kHz
Operating Frequency (Nom)	45 kHz
Ignition Method	Warm Start
Crestfactor (Max)	1.7
Power Factor 100% Load (Nom)	0.95
Ignition Time (Max)	0.40 s
Mains Voltage Performance (AC)	-8%-+6%
Mains Voltage Safety (AC)	-10%-+10%
Earth Leakage Current (Nom)	0.5 mA
Inrush Current Width	0.250 ms
Constant Wattage Deviation	-2%/+2%
Ballast Factor (Nom)	1
Power Losses (Nom)	0.68-2.21 W
Inrush Current Peak (Max)	18 A

• Wiring

Connector Type Input Terminals	Insert
Cable Capacity Output Wires Mutual (Nom)	100 pF
Connector Type Output Terminals	Insert
Cable Length From Device To Lamp	1 m
Cable Length Hot Wiring	1 m
Wire Striplength	8.5-9.5 mm
Dual Fixture Master/ Slave	Not applicable [Master/Slave oper. not applicable]
Input Terminal Cross Section	0.50-1.50 mm²
Output Terminal Cross Section	0.50-1.50 mm²
Cable Capacity Output Wires To Earth (Nom)	100 pF

• System characteristics

Rated Ballast-Lamp Power	18 W
Rated Lamp Power On PL-T/C	18 W
System Power On PL-T/C	18.7 W
Power Loss On PL-T/C	0.7 W

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HF-Performer III for PL-T/C lamps

Lamp Power On PL-T/C	18 W

• Temperature

T-Ambient (Max)	50 °C
T-Ambient (Min)	-25 °C
T-Storage (Max)	80 °C
T-Storage (Min)	-40 °C
T-Case Lifetime (Nom)	75 °C
T-Case Maximum (Max)	75 °C
T-Ignition (Max)	50 °C
T-Ignition (Min)	-25 °C

• Mechanical and Housing

Housing	S 103x67x30

• Emergency Operation

Nominal Light Output After 60 Seconds	100% of EBLF
Battery Voltage Lamp Ignition	198-254 V
Normal Operating Voltage (DC)	220-240 V
Battery Voltage Lamp Operation	176-254
Battery Voltage Guaranteed Operation	176-275 V
Battery Voltage Guaranteed Ignition	186-275 V
Nominal Light Output After 5 Seconds	50% of EBLF

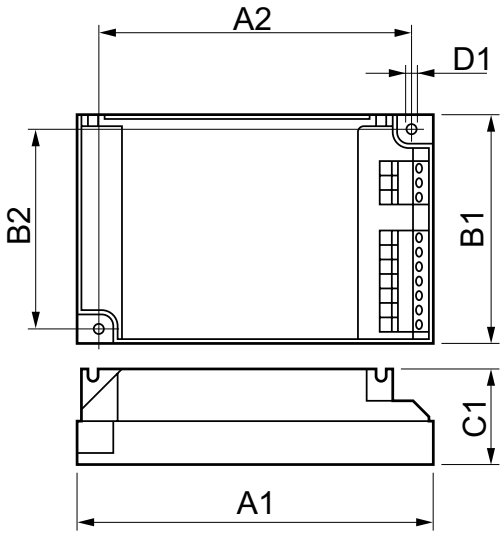
• Approval and Application

Energy Efficiency Index	A2
EMI 9 kHz ... 30 MHz	EN55015
Safety Standard	IEC 61347-2-3
Performance Standard	IEC 60929
Quality Standard	ISO 9000:2000
Environmental Standard	ISO 14001
Harmonic Current Emission Standard	IEC 61000-3-2
EMC Immunity Standard	IEC 61547
Vibration Standard	IEC 68-2-6 Fc
Bumps Standard	IEC 68-2-29 Eb
Humidity Standard	EN 61347-2-3 clause 11
Approval Marks	CE marking ENEC certificate VDE-EMV certificate
Temperature Marking	Yes
Emergency Standard	IEC 60598-2-22
Hum And Noise Level	Inaudible

• Product Data

Full product code	872790083417800
Order product name	HF-P 218 PL-T/C III 220-240V 50/60Hz
EAN/UPC - Product	8711500881038
Order code	913700648666
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913700648666
Net Weight (Piece)	0.130 kg

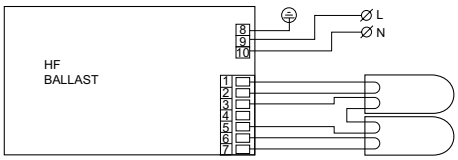
Dimensional drawing



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

Product	D1	C1	A1	A2	B1	B2
HF-P 218 PL-T/C III 220-240V 50/60Hz	4.2 mm	30.0 mm	103.8 mm	93.5 mm	67.8 mm	57.5 mm

Dimensional drawing



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