HF-Performer II for PL-T/C/R/L/TL5C lamps

HF-P 1 22-42 PL-T/C/L/TL5C EII 220-240V

HF-Performer EII PL-T/C/R/T5c is a sustainable, slim and high-frequency electronic ballast for a wide range of CFL- ni applications. It is ideal for applications where high energy efficiency is required. The HF-Performer EII range has a robust design, meets all relevant international safety and performance standards and is energy-efficient (CELMA EEI A2).;The ballast is primarily designed for Indoor application. For outdoor application, the luminaire should be minimum Classland need to be sufficiently protected against water & dust. The installation should also be guard against any lightening surge or any other necessary electrical protection as deemed in such typical installation & application.

Product data

General Information	
Application Code	EII
Type Version	mk4
Lamp Type	PL-T/C/L/TL5C
Number of Lamps	1 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)	0.52 s
Mains Voltage Performance (AC)	-8%-+6%
Mains Voltage Safety (AC)	-10%-+10%
Earth Leakage Current (Nom)	0.5 mA
Inrush Current Width	0.25 ms
Constant Wattage Deviation	-2%/+2%
Ballast Factor (Nom)	1
Power Losses (Nom)	2.86-2.66 W

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Inrush Current Peak (Max)	18 A
Efficiency at full load [%]	91.66 %

Wiring

Connector Type Input Terminals	Insert
Cable Capacity Output Wires Mutual (Nom)	200 pF
Connector Type Output Terminals	Insert
Cable Length Hot Wiring	0.75 m
Wire Striplength	7.5-8.5 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)	200 pF

System characteristics

Rated Ballast-Lamp Power	22-42 W
Rated Lamp Power on PL-T/C	22/42 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

Emergency Operation

Battery Voltage Lamp Ignition	198-254 V
Battery Voltage Lamp Operation	176-254

Approval and Application

Energy Efficiency Index	A2
IP Classification	IP 20 [Ingress Protection 20]
EMI 9 kHz ... 30 MHz	EN55015
EMI 30 MHz ... 1000 MHz	EN55022 level B
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	IEC68-2-6 F c
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	871150091397530
Order product name	HF-P 1 22-42 PL-T/C/L/TL5C EII 220-240V
EAN/UPC - Product	8711500913975
Order code	913700630766
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913700630766
Net Weight (Piece)	0.140 kg

Dimensional drawing

Product	D1	C1	A1	A2	B1	B2
HF-P 1 22-42 PL-T/C/L/ TL5C EII 220-240V	4.5 mm	30.0 mm	103.0 mm	93.5 mm	67.0 mm	57.5 mm

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