



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

HF-P 2 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	2 piece/unit		
Number of Products on MCB (16A Type B)	12		
(Nom)			
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	0.35 ms		
Constant Wattage Deviation	-2%/+2%		
Ballast Factor (Nom)	1		
Power Losses (Nom)	4.35-4.93 W		

Datasheet, 2022, September 12 data subject to change

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Inrush Current Peak (Max)	31 A				
Efficiency at full load [%]	94.39 %				
Wiring					
Connector Type Input Terminals	Insert				
Cable Capacity Output Wires Mutual (Nom)	100 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 mm ²				
Output Terminal Cross Section	0.50-1.50 mm²				
Cable Capacity Output Wires to Earth (Nom)	100 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 ℃				
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	certificate Yes			
Temperature Marking Emergency Standard				
	Yes			
Emergency Standard	Yes IEC 60598-2-22			
Emergency Standard	Yes IEC 60598-2-22			
Emergency Standard Hum And Noise Level	Yes IEC 60598-2-22			
Emergency Standard Hum And Noise Level Product data	Yes IEC 60598-2-22 Inaudible			
Emergency Standard Hum And Noise Level Product data Full product code	Yes IEC 60598-2-22 Inaudible 871150091399930			
Emergency Standard Hum And Noise Level Product data Full product code	Yes IEC 60598-2-22 Inaudible 871150091399930 HF-P 2 22-42 PL-T/C/L/TL5C EII			
Emergency Standard Hum And Noise Level Product data Full product code Order product name	Yes IEC 60598-2-22 Inaudible 871150091399930 HF-P 2 22-42 PL-T/C/L/TL5C EII 220-240V			
Emergency Standard Hum And Noise Level Product data Full product code Order product name EAN/UPC - Product	Yes IEC 60598-2-22 Inaudible 871150091399930 HF-P 2 22-42 PL-T/C/L/TL5C EII 220-240V 8711500913999			
Emergency Standard Hum And Noise Level Product data Full product code Order product name EAN/UPC - Product Order code	Yes IEC 60598-2-22 Inaudible 871150091399930 HF-P 2 22-42 PL-T/C/L/TL5C EII 220-240V 8711500913999 913700630866			
Emergency Standard Hum And Noise Level Product data Full product code Order product name EAN/UPC - Product Order code Numerator - Quantity Per Pack	Yes IEC 60598-2-22 Inaudible 871150091399930 HF-P 2 22-42 PL-T/C/L/TL5C EII 220-240V 8711500913999 913700630866 1			
Emergency Standard Hum And Noise Level Product data Full product code Order product name EAN/UPC - Product Order code Numerator - Quantity Per Pack Numerator - Packs per outer box	Yes IEC 60598-2-22 Inaudible 871150091399930 HF-P 2 22-42 PL-T/C/L/TL5C EII 220-240V 8711500913999 913700630866 1 12			

Dimensional drawing

Product	D1	C1	A1	A2	B1	B2
HF-P 2 22-42 PL-T/C/L/	4.5 mm	30.0	103.0	93.5	67.0	57.5
TL5C EII 220-240V		mm	mm	mm	mm	mm

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