



HF-Regulator Intelligent Touch DALI for PL-T/C and TL5C

HF-Ri TD 1 26-42 PL-T/C E+

Intelligent high-frequency electronic dimming ballast, using DALI (Digital Addressable Lighting Interface according to IEC62386) or Touch and Dim push-button protocol for fluorescent lamps. Features Corridor Mode, programmable with Philips MultiOne. High-frequency operation improves light quality and lamp lifetime. Pre-empting upcoming legislation as it meets A1BAT requirements. The ballast is primarily designed for Indoor application. For outdoor application, the luminaire should be minimum Class II need to be sufficiently protected against water & dust. The installation should also be guard against any lightning surge or any other necessary electrical protection as deemed in such typical installation & application.

Product data

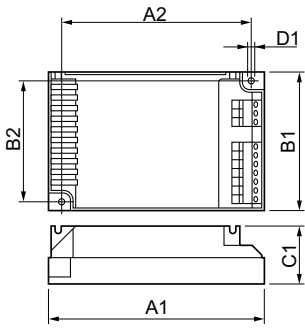
General information			
Application Code	E+	Crestfactor (Max)	1.7
Type Version	-	Power Factor 100% Load (Nom)	0.95
Lamp Type	PL-T/C	Ignition Time (Max)	1 s
Number of Lamps	1 piece/unit	Mains Voltage Performance (AC)	-8%~+6%
Number of Products on MCB (16A Type B) (Nom)	28	Mains Voltage Safety (AC)	-10%~+10%
Automatic Restart	Yes	Earth Leakage Current (Max)	0.5 mA
		Inrush Current Width	0.35 ms
		Standby Power Consumption (Max)	0.27 W
		Ballast Factor (Nom)	1
		Power Losses (Nom)	2.7 W
		Inrush Current Peak (Max)	27 A
		Efficiency at full load [%]	91.58 %
Operating and electrical			
Input Voltage	195-240 V		
Input Frequency	50 to 60 Hz		
Ignition Method	Warm Start		

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Wiring		Regulating Level Power	3%-100%
Connector Type Input Terminals	WAGO 250 series	Control Input Protection	Yes (Basic insulation)
Cable Capacity Output Wires Mutual (Max)	150 pF	Mechanical and housing	
Connector Type Output Terminals	WAGO 250 series	Housing	L 123x79x33
Connector Type Control Input Terminals	WAGO 250 series	Approval and application	
Wire Striplength	8.0-9.0 mm	Energy Efficiency Index	A1 BAT
Dual Fixture Master/Slave	Yes [Master/Slave operation possible]	IP Classification	IP 20 [Ingress Protection 20]
Control Input Terminal Cross Section	0.50-1.50 mm ²	EMI 9 kHz ... 30 MHz	EN55015
Input Terminal Cross Section	0.50-1.50 mm ²	EMI 30 MHz ... 1000 MHz	EN 55022 Class B
Output Terminal Cross Section	0.50-1.50 mm ²	Safety Standard	IEC 61347-2-3
Auto Insert (ALF/ADS) Wire Cross Section	0.50-1.50 mm ²	Performance Standard	IEC 60929
Cable Capacity Output Wires to Earth (Max)	150 pF	Quality Standard	ISO 9000:2000
System characteristics		Environmental Standard	ISO 14001
Rated Ballast-Lamp Power	26-42 W	Harmonic Current Emission Standard	IEC 61000-3-2
Rated Lamp Power on PL-T/C	26 W	EMC Immunity Standard	IEC 61547
Rated Lamp Power on PL-T	32/42 W	Vibration Standard	IEC68-2-6 F c
Rated Lamp Power on TL5C	22/40 W	Bumps Standard	IEC 68-2-29 Eb
System Power on PL-T/C	27.7 W	Humidity Standard	EN 61347-2-3 clause 11
System Power on PL-T	33.9/44.1 W	Approval Marks	EMC CE marking ENEC certificate CCC certificate
System Power on TL5C	25.7/41.5 W	Temperature Marking	Yes
Power Loss on PL-T/C	2.7 W	Emergency Standard	IEC 60598-2-22
Power Loss on PL-T	2.9/3.1 W	Hum And Noise Level	Inaudible
Power Loss on TL5C	2.7/3.0 W	Product data	
Lamp Power on TL5C	23/38.5 W	Full product code	871829124167600
Lamp Power on PL-T	31/41 W	Order product name	HF-Ri TD 1 26-42 PL-T/C E+
Lamp Power on PL-T/C	25 W	EAN/UPC - Product	8718291241676
Temperature		Order code	913700684766
T-Ambient (Max)	50 °C	Numerator - Quantity Per Pack	1
T-Ambient (Min)	-25 °C	Numerator - Packs per outer box	12
T-Storage (Max)	80 °C	Material Nr. (12NC)	913700684766
T-Storage (Min)	-40 °C	Copy Net Weight (Piece)	0.200 kg
T-Case Lifetime (Max)	75 °C	Controls and dimming	
T-Case Maximum (Max)	75 °C	Control Interface	TD
T-Ignition (Max)	50 °C		
T-Ignition (Min)	-25 °C		

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Dimensional drawing



HF-Ri TD 126-42 PL-T/C E+

Product	D1	C1	A1	A2	B1	B2
HF-Ri TD 126-42 PL-	4.5 mm	33.0	123.0	111.0	79.0	67.0
T/C E+		mm	mm	mm	mm	mm

