



HF-Regulator Intelligent Touch DALI for TL5/TL-D/PL-L lamps

HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V

This intelligent high-frequency electronic dimming ballast utilizes the DALI or Touch and Dim push-button protocol for fluorescent lamps. It meets A1BAT requirements, thereby pre-empting upcoming legislation. With a special command you can retrieve the system's mains power consumption, and with another you can find out which lamp wattage is connected. Combined with controls, additional energy savings can be achieved. 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

Operating and Electrical	
Input Voltage	195-240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Earth Leakage Current (Max)	0.5 mA
Inrush Current Width	0.25 ms
Inrush Current Peak (Max)	28 A
Number of Products on MCB (16A Type	18
B) (Nom)	
b) (Nolli)	

Wiring			
Connector Type Input Terminals	WAGO 251 universal connector [Suitable for		
	both automatic wiring (ALF and ADS) and		
	manual wiring]		
Connector Type Output Terminals	WAGO 251 universal connector [Suitable for		
	both automatic wiring (ALF and ADS) and		
	manual wiring]		
Temperature			
Ambient temperature range	-25 °C to 50 °C		

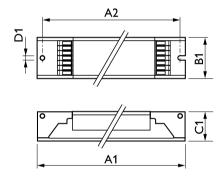
Datasheet, 2023, October 10 data subject to change

HF-Regulator Intelligent Touch DALI for TL5/TL-D/PL-L lamps

T-Case Lifetime (Max)	75 ℃
T-Case Maximum (Max)	75 °C
Controls and Dimming	
Control Interface	TD
Mechanical and Housing	
Housing	L 359x30x21
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Energy Efficiency Index	A1 BAT
Safety Standard	IEC 61347-2-3
Environmental Standard	ISO 14001
Approval Marks	CE marking ENEC certificate VDE-EMV
	certificate

Product Data		
Full product code	871829166209900	
Order product name	HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V	
Order code	913700695866	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	12	
Material Nr. (12NC)	913700695866	
Full product name	HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V	
EAN/UPC - Case	8718291662105	
EAN/UPC - Product/Case	8718291662099	

Dimensional drawing



Product	D1	C1	A1	A2	B1
HF-Ri TD 2 28/35/49/54 TL5 E+	4.1 mm	22.0 mm	360.0 mm	350.0 mm	30.0 mm
195-240V					



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.