



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

HF-Ri TD 1 35/49/80 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.

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 (16 A type	18
B) (nom.)	

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			
T case lifetime (max.)	75 °C			
T-Case maximum (max.)	75 °C			

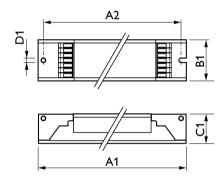
Datasheet, 2023, April 15 data subject to change

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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				
Order product name	HF-Ri TD 1 35/49/80 TL5 E+ 195-240V			
Full product name	HF-Ri TD 1 35/49/80 TL5 E+ 195-240V			
Full EOC	871829166207500			
Order code	66207500			
Material no. (12 NC)	913700695766			
Local order code	HFRITD13580T5PL			
SAP numerator – quantity per pack	1			
EAN/UPC — Product/Case	8718291662075			
Numerator – packs per outer box	12			
EAN/UPC - Case	8718291662082			

Dimensional drawing



Product	D1	C1	A1	A2	B1
HF-Ri TD 1 35/49/80 TL5 E+	4.1 mm	22.0 mm	360.0 mm	350.0 mm	30.0 mm
195-240V					



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