



HF-Essential for TL5/TL-D

HF-E 228 TL5 220-240 50/60Hz

HF-Essential is the most cost-effective, slim and affordable ballast to reliably operate a fluorescent lamp. It is also the ideal entry-level product for EM system users who want to enjoy the benefits offered by electronic ballasts. The cost-saving and reliable HF-Essential has an energy efficiency class A2, and its robust design meets all relevant international safety and performance standards. HF-Essential is intended for use with indoor lighting fixtures such as recessed luminaires, which are largely used in office, industrial, hotel, restaurant and other applications.

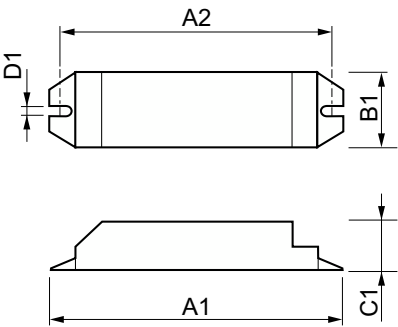
Product data

Operating and Electrical		Mechanical and Housing	
Input Voltage	220 to 240 V	Housing	L 275x29.6x25.5
Line Frequency	50 to 60 Hz		
Input Frequency	50 to 60 Hz		
Earth Leakage Current (Max)	0.5 mA		
Inrush Current Width	0.35 ms		
Inrush Current Peak (Max)	20 A		
Wiring		Approval and Application	
Connector Type Input Terminals	Insert	Ingress protection code	IP20 [Finger-protected]
Connector Type Output Terminals	Insert	Energy Efficiency Index	A2
		Approval Marks	CE marking C-Tick certificate CB Certificate KEMA Keur certificate ISO9001 RoHS Compliant
Temperature		Product Data	
Ambient temperature range	0 °C to 50 °C	Order product name	HF-E 228 TL5 220-240 50/60Hz
T-Case Lifetime (Nom)	75 °C	Full product name	HF-E 228 TL5 220-240 50/60Hz
T-Case Maximum (Max)	75 °C	Full product code	871829166887900
		Order code	913713039766
		Material Nr. (12NC)	913713039766
		Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718291668879
		Numerator - Packs per outer box	20

HF-Essential for TL5/TL-D

EAN/UPC - Case	8718291668886
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Dimensional drawing



Product	D1	C1	A1	A2	B1
HF-E 228 TL5 220-240 50/60Hz	4.2 mm	25.5 mm	275.0 mm	263.0 mm	29.6 mm

