

SPECIFICATION

Description	220-240V Triac Dimming LED Driver, Constant Current Driver
Electrical Characteristics	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
Class II, IP20, thermally protected 110, independent driver	

Product Name		D70018NTF
Input Parameters		
Rated Input Voltage	Uin	220-240VAC
Input Current (Full load)	lin	0.11A
Input Frequency	fin	50/60Hz
Maximum Input Power	Pin	24W
Power Factor (Full load)	λ	≥0.95
THD(Full load)		≤25%
Efficiency (Full load)	η	≥80%
Inrush current(Cold Start)	Apk	5(th=100us)
Turn on time		≤500ms

Output Parameters		
Output Voltage	Vout	13-26V
Output Current (Full load)	Iout	700mA±5%
Output Power (Full load)	Pout	18W
Operating Frequency(Full load)	Fout	70KHz
Ripple & Noise		≤130mAp-p
Load Regulation		±5%
Line Regulation		±5%

Ambient		
Storage Temperature	ts	-20 ... + 70°C
Operating Ambient Temperature	ta	-20 ... + 45°C
Case Temperature at tc Point	tc	80°C
Relative humidity		5 ...85%

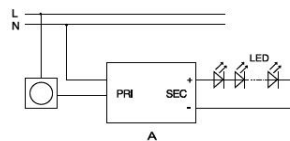
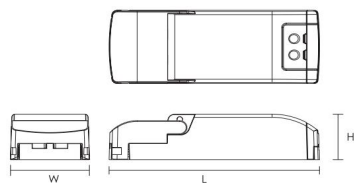
Protection		
No Load		Auto-recovery if fault is removed
Over Load		Auto-recovery if fault is removed
Short Circuit		Auto-recovery if fault is removed

System Parameters		
Withstand voltage		3.75KVAC, I leakage<5mA, 60s
Expected Life		50,000Hours

Compliances and approvals		
Safety		EN 61347-2-13
RFI		EN 55015
Harmonics		EN 61000-3-2 Class C
Immunity		EN 61547

- Note**
1. All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature.
 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.
 3. Expected Life:tc=80°C, 0.2%/1000h failure rate

Physical Parameter



Dimensions(LxWxH): 120x45x28mm

Housing Material: PC Plastic

Captured Terminal Screw for 0.75~2.5mm²