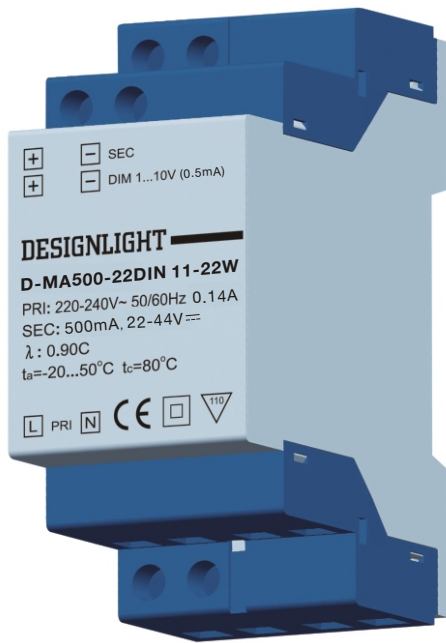




DESIGNLIGHT

LED DRIVER

Artikel nr.:D-MA500-22DIN E-nr 79 805 26



DIN RAIL LED DRIVER 1-10V DIMMABLE 11-22W

D-MA500-22DIN

SPECIFICATION		
Description	220-240V LED Driver, Constant Voltage 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	D-MA500-22 DIN	
Input Parameters		
Rated Input Voltage	Uin	220-240VAC
Input Current (Full load)	Iin	0,14A
Input Frequency	fin	50/60Hz
Maximum Input Power	Pin	27W
Power Factor (Full load)	λ	0,9C
THD(Full load)		≤50%
Efficiency (Full load)	η	≥85%
Output Parameters		
Output Voltage	Vout	22-44V
Output Current (Full load)	Iout	0,50A
Output Power (Full load)	Pout	10W
Operating Frequency(Full load)	Fout	65-75KHz
Ripple & Noise		≤100mA
Load Regulation		±2%
Line Regulation		±2%
Dimming		1-10Vdc, dimming range 5-100%
Ambient		
Storage Temperature	ts	-20 ... + 70°C
Operating Ambient Temperature	ta	-20 ... + 50°C
Case Temperature at tc Point	tc	+80°C
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		
Hi-pot		4.0KVAC
Average Service Life		30,000Hours
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. Average Service Life:The number of hours when 50% of any large group of drivers have failed.		