

ARV-KL12030-Slim (12V, 2.5A, 30W, PFC)



Approval markings	CE, F-mark, SELV
Construction Classification	Independent
Application	ClassII, Indoor
RoHS/REACH	ROHS

2) Technical data for installation

	Min.	Nom.	Max.	
Rated mains voltage		220-240		Vrms
Operational mains voltage limits	198		264	Vrms
Mains frequency for Safety	45	50-60	66	Hz
Maximum driver per MCB			28	Pcs
operational mains temperature limits	-15		45	°C
DC voltage operation				

3) Performance

	IEC 62384:2006, GB24825-2009	Min.	Nom.	Max.	
Performance standard	IEC 62384:2006, GB24825-2009				
Output Voltage			12		Vrms
Output Current				2.5	A
Output Current Tolerance		95%		105%	
Output Voltage Tolerance			N.A		
Percent of the output current ripple				5%	
System Efficiency			85%		
Powerfactor			0.95		
THD				10%	
Input Power@ None Load				0.5W	
Protection	OVP、OCP、SCP				
Thermal protection				110 degree	
Turn-on delay time				1	s

4) Immunity & EMI

EMI & Imunity	EN55015、EN61547
- surge	LN 1.2kV test

5) Robustness

Withstand voltage			
- Input-output		>3.75kV	
- Input-FG		NA	
Failure rate	0.25%/ 1000Hrs	<0.1%@1000h	
Maximum Tcase			80
Life by T case Life	10% failures @ 30,000 @ Tc80Deg@ full load	30000h <10% fail rate@Tc	

6) Mechanical

Connection	Input: 1.2m Europlug, Output: 0.5m DC5.5								
Housing									
	<table border="1"> <thead> <tr> <th>L</th> <th>W</th> <th>H</th> <th>M</th> </tr> </thead> <tbody> <tr> <td>246mm</td> <td>30mm</td> <td>16mm</td> <td>210mm</td> </tr> </tbody> </table>	L	W	H	M	246mm	30mm	16mm	210mm
L	W	H	M						
246mm	30mm	16mm	210mm						
Housing material	PC								
Weight	105g								