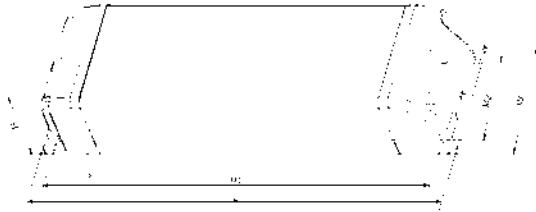


ARV-KL12060 (12V, 5A, 60W, PFC)



1) Compliances and Approvals

Approval markings	CE, F-mark, SELV, IP20
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			12	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				5	A
Output Current Tolerance			N.A		
Output Voltage Tolerance		95%		105%	
Percent of the output current ripple				5%	
System Efficiency			88%		
Powerfactor			0.95		
THD				10%	
Input Power@ None Load				0.5W	
Protection	OVP, OCP, SCP				
Thermal protection				110 degree	
Turn-on delay time				0.5	s

4) Immunity & EMI

EMI & Immunity	EN55015, EN61547
- surge	LN 1.0kV test

5) Robustness

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

6) Mechanical

Connection	Type 500			
Housing		L	W	H
		180	52	30
				M1
				170
Housing material	PC			
Weight	TBD			