

ARJ-KL301400 (42W, 1400mA, PFC)

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

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		NA		

3) Performance

	IEC 62384:2006, GB24825-2009	Min.	Nom.	Max.	
Performance standard	IEC 62384:2006, GB24825-2009				
Output Voltage		20		30	Vrms
Output Current			1400		A
Output Current Tolerance		95%		105%	
Output Voltage Tolerance			N.A		
Percent of the output current ripple				10%	
output voltage ripple			N.A		mV
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 1.2kV test

5) Robustness

Withstand voltage					
- Input-output			>3.75kV		
- Input-FG			NA		
Failure rate	0.25%/ 1000Hrs		<0.1% @1000h		
Maximum Tcase				75	°C
Life by T case Life	10% failures @ 30,000 @ Tc 75Deg@ full load		30000h <10% fail rate@Tc		

6) Mechanical

Connection					
Housing					
Housing material	PC				
Weight				0.2	kg

L	W	H	M1
180	52	30	170

