

ARJ-KL43700 (30W, 700mA, PFC)

1) Compliances and Approvals

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				

3) Performance

	IEC 62384:2006, GB24825-2009	Min.	Nom.	Max.	
Performance standard	IEC 62384:2006, GB24825-2009				
Output Voltage		28		43	Vrms
Output Current			0.7		A
Output Current Tolerance		95%		105%	
Output Voltage Tolerance			N.A		
Percent of the output current ripple				10%	
System Efficiency			89%		
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	TBD		70
Life by T case Life	10% failures @ 30,000 @ Tc 70Deg@ full load	30000h	<10% fail rate@Tc

6) Mechanical

Connection	Type 500				
Housing		L	W	H	M
		153	41	32	144
Housing material	PC				
Weight	TBD				

