

ARV-KL24100

(24V, 4.2A, 100W, PFC)



COMPLIANCES AND APPROVALS

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

TECHNICAL DATA FOR INSTALLATION

	Min	Nom	Max	Unit
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		NA		

TECHNICAL DATA FOR INSTALLATION

	Min	Nom	Max	Unit
Performance standard	IEC 62384:2006, GB24825-2009			
Output Voltage		24		Vrms
Output Current			5	A
Output Current Tolerance		N.A		
Output Voltage Tolerance	95%		105%	
Percent of the output current ripple (Vpp)			10%	
System Efficiency		88%		
Powerfactor		0.95		
THD			10%	
Input Power@ None Load			0.5	W
Protection	OVP, OCP, SCP			
Thermal protection			110 degree	
Turn-on delay time (Without Dimmer)			0.8	s

IMMUNITY & EMI

	Min	Nom	Max	Unit
EMI & Imunity	EN55015, EN61547			
- surge			LN 1.2kV test	

ROBUSTNESS

Withstand voltage	
- Input-output	>3.75kV
- Input-FG	NA
Failure rate	0.25%/ 1000Hrs < 0.1%@1000h
Maximum Tcase	90°C
Life by T case Life	10% failures @ 30,000 @ Tc90Deg@ full load 30000h <10% fail rate@Tc

MECHANICAL

Connection	
- Input	
- Output	
- Control	
Housing	L W H M
	300mm 40mm 30mm 290mm
Housing material	PC
Weight	0.39 kg

