

ARV-KL24075 (24V, 3.1A, 75W, PFC)



COMPLIANCES AND APPROVALS

- Approval markings CE, F-mark, SELV
- Construction Classification Independent I
- Application Class II, 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			0.3125	A
Output Current Tolerance		N.A		
Output Voltage Tolerance	97%		103%	
Percent of the output current ripple			200	mV
System Efficiency		90%		
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)			0.5	s

IMMUNITY & EMI

	Min	Nom	Max	Unit
EMI & Immunity	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	85°C
Life by T case Life	10% failures @ 30,000 @ Tc85Deg@ full load 30000h <10% fail rate@Tc

MECHANICAL

Connection	
- Input	
- Output	
- Control	
Housing	L W H M
	180mm 52mm 30mm 170mm
Housing material	PC
Weight	TBD

