

# ARV-KL24030-Slim (24V, 1.25A, 30W, PFC)



Approval markings	CE, F-mark, SELV			
Construction Classification	Independent			
Application	ClassII, Indoor			
RoHS/REACH	ROHS			
<b>2) Technical data for installation</b>				
		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				
<b>3) Performance</b>				
Performance standard	IEC 62384:2006, GB24825-2009	Min.	Nom.	Max.
Output Voltage			24	Vrms
Output Current				1.25 A
Output Current Tolerance		95%		105%
Output Voltage Tolerance			N.A	
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				1 s
<b>4) Immunity &amp; EMI</b>				
EMI & Imunity	EN55015, EN61547			
- surge				LN 1.2kV test
<b>5) Robustness</b>				
Withstand voltage				
- Input-output				>3.75kV
- Input-FG				NA
Failure rate	0.25%/ 1000Hrs			<0.1%@1000h
Maximum Tcase			80	
Life by T case Life	10% failures @ 30,000 @ Tc 70Deg@ full load			30000h <10% fail rate@Tc
<b>6) Mechanical</b>				
Connection				
Housing				
		L	W	H
		246mm	30mm	16mm
				M
				210mm
Housing material	PC			
Weight	105g			