

iNORÉA

Automatismes & Industrie



TECHNICAL SPECIFICATIONS SHEET

MODULAR POWER SUPPLY – ALM 03012

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1. Description

- Output 12V 30W
- Input 170-265VAC
- On Din rail TS-35/7.5 or 15
- CE (EMC LVD), RoHS
- Class II power unit
- 3 years warranty
- 220 → 12VDC
- Isolation Class II
- Withstand Voltage I/P-O/P: 3kVAC
- Protection: Short circuit, Overload, Over voltage
- Cooling by free air convection
- LED indicator for power on

2. Features

Model		ALM_03012	ALM_03024
Output	DC Voltage	12 V	24V
	Rated Current	2.5A	1.5A
	Current Range	0-2.5A	0-1.5A
	Rated Power	30W	30W
	Ripple & Noise	120 mVp-p	150 mVp-p
	Voltage Adj. Range	10.8-13.6V	21.6-29.0V
	Hold Up Time	100ms/230VAC	
	Set up, Rise time	500ms, 20ms / 230VAC	
Input	Voltage Range	170-265 VAC 47-63Hz	
	Efficiency	81%	83%
	Ac Current	0.17A/230VAC	
	Inrush Current	Cold Start <20A at 230VAC	
Protection	Over Current	110-160% rated output power	
	Protection Type	Constant current limiting, recovers automatically after fault condition is removed	
	Over Voltage	Hiccup mode, recovers automatically after fault condition is removed	
Environment	Working Temp & Humidity	-20-60° C 20-90% RH	
	Storage Temp & Humidity	-40-80°C 10-90%RH	
Safety & EMC	Safety Standards	Design refer to: EN60950	
	Withstand Voltage	I/P-O/P: 3KVAC	
	Isolation Resistance	I/P-O/P :>100M Ohms / 500 VDC	
	EMC Emission	Compliance to EN55022, EN61000-3-2,	
	EMC Immunity	Compliance to EN55024, EN61000-3-3,	
Others	Dimension	63*93*56mm (W*H*D)	
	Packing	0.21kg/pcs 50pcs/11kg/ctn	

