

iNORÉA

Automatismes & Industrie



NOTICE TECHNIQUE

MODULAR POWER SUPPLY – ALM 10012

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1. Description

- Output 12V 100W
- 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
- 100% fill load burn-in test

2. Features

Model		ALM_10012	ALM_10024
Output	DC Voltage	12 V	24V
	Rated Current	8A	4.2A
	Current Range	0-8A	0-4.2A
	Rated Power	100W	100W
	Ripple & Noise	120 mVp-p	150 mVp-p
	Voltage Adj. Range	11-15V	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	87%	88%
	Ac Current	0.75A/230VAC	
	Inrush Current	Cold Start <50A at 230VAC	
Protection	Over Current	110-130% rated output power	
	Protection Type	Hiccup mode, 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	100*93*56mm (W*H*D)	
	Packing	0.32kg/pcs 30pcs/10.18kg/ctn	

3. Diagram

