

iNORÉA

Automatismes & Industrie



TECHNICAL SPECIFICATIONS SHEET

MODULAR POWER SUPPLY – ALM 01512

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1. Description

- Output 12V 15W
- 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_01512 | ALM_01524 |
|--------------|-------------------------|--|-------------------|
| Output | DC Voltage | 12 V | 24V |
| | Rated Current | 2.5A | 0.63A |
| | Current Range | 0-2.5A | 0-0.63A |
| | 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 | 25*93*56mm (W*H*D) | |
| | Model | ALM_01512 | ALM_01524 |

3. Diagram

