

JS-30-240/DIN_BUF



DESCRIPTION

AC/DC power supply unit with 5s energy buffer. Secondary circuits SELV type. Indication of operation by LED and signal. Plastic enclosure for DIN35 rail mount.

TECHNICAL PARAMETERS

Input data

Input voltage, AC 230 V AC (nominal) 185-253 V AC
 Input current, AC 250 mA
 Input fuse T1AH (internal)

Output data

Output voltage 24 V DC (+5/-0 %) including line and load regulation
 Output current 1,25 A max.
 Output power 30 W
 Buffer time 5 s (for output current 1,25 A and drop-out to 21,6 V)
 Short-circuit protection Yes (current limit)
 Max. residual ripple <150 mV

General data

Efficiency, max. cca 86 %
 Impulse withstand 1 kV line to line, 2 kV line to case
 Isolation between primary and secondary >50 MΩ, 3 kV hi-pot test, double insulation
 Cooling natural (free air)
 IP code IP20
 Weight 250 g
 Material of enclosure NORYL
 Dimensions 90 x 88 x 62 mm
 Class of protection II.
 Pollution degree 2
 RoHS comply Yes

Connection data

| | Input | Output | Signal |
|---------------------|-------------------------|-------------------------|-------------------------|
| Terminal blocks | MV253 | MV252 (2x) | MV252 |
| Number of terminals | 3 (L,N,GND) | 4 (++,-) | 2 (C,E) |
| Wire cross-section | | | |
| Solid min/max | 0,5/2,5 mm ² | 0,5/2,5 mm ² | 0,5/2,5 mm ² |
| Flexible min/max | 0,5/2,5 mm ² | 0,5/2,5 mm ² | 0,5/2,5 mm ² |

Signal indication

Device working optical – green LED
 Signal – open collector (output of optocoupler)

Environmental conditions

| | |
|------------------------------------|-------------------------|
| Operating temperature | -20 .. 55 °C |
| Relative humidity (non-condensing) | 10 % to 80 % |
| Installation altitude | <3000 m above sea level |

TECHNICAL STANDARDS

| | |
|--------|-------------------|
| Safety | EN 60950-1:2006 |
| EMC | EN 61000-6-1:2007 |
| | EN 61000-6-3:2007 |

Limited warranty **3 years**

PACKING AND STORAGE

Product is supplied bulk packaged, users guide for each piece is included.

Storage temperature -25 to 70 °C, relative humidity <90 % (not condensing). It is prohibited to expose product to a mechanical shocks and injurious gases.

