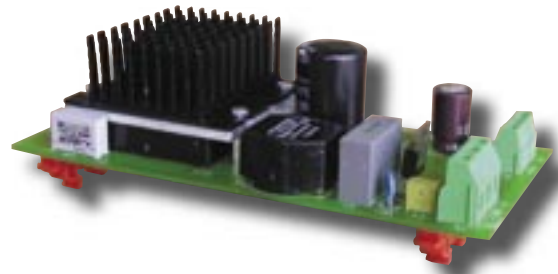




FEATURES

160 x 80 x 39 mm
INPUT : 18 - 36 Vdc
OUTPUT : 12V 50W
Efficiency : 84 % typ.
Convection cooled
Cover and output low noise filtering as options



APPLICATIONS

This range of power supplies is specially designed for DIN Rail mounting applications.

INPUT

Voltage range : 18 - 36Vdc
Undervoltage lockout : 16Vdc
Nominal : 24 Vdc
Input protection : fuse 5A
transient and surges protected
reverse polarity protected

OUTPUT

Voltage : 12V +/- 1%
Current : 4,16A nominal
Trim range : 90 % to 110 % of 12Vdc (factory adjustable)
Overvoltage protection : 115-140 % Vnominal

| | OUTPUT | | Conditions |
|-------------------------|------------------------------|-------|--|
| | Typ. | Max. | |
| Line regulation | 0,05 % | 0,5 % | Low line to high line ; full load |
| Load regulation | 0,2 % | 1 % | No load to full load |
| Ripple and noise | 1,5 % | 3 % | Peak to peak, nom. Input ; full load |
| Current limit | 110 to 140 % of I nominal | | Vout = 95% of nominal ; Automatic restart |

OPTIONS

Plastic cover

Output common mode filtering reducing output ripple

ENVIRONMENTAL

Storage temperature : -20°C to +100°C

Operating temperature in natural convection : -20°C to +60°C ambient, vertical mounting, nominal Power

ISOLATION

Input to heatsink : 1500 Vdc

Input to Output : 1500 Vdc

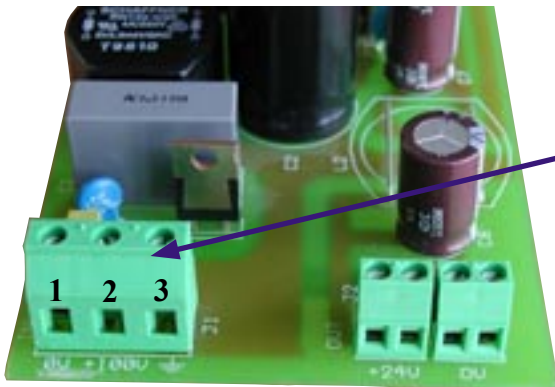
Output to heatsink : 1500 Vdc

GENERAL

Safety : built to meet EN60950

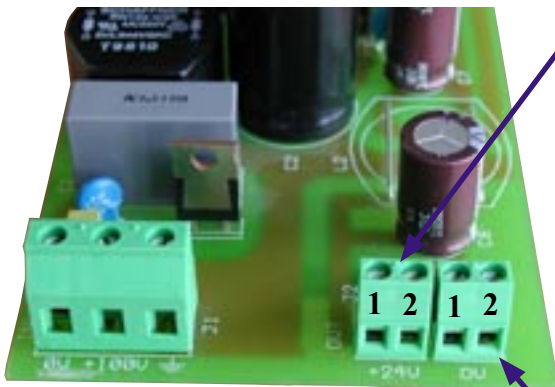
EMI : built to meet EN55022A, conducted.

MECHANICALS



INPUT : J1 - Screw connector 3pts

| PIN | DESCRIPTION |
|-----|-------------|
| 1 | - IN |
| 2 | + IN |
| 3 | Ground |



OUTPUT : J2 - Screw connector 2 pts

| PIN | DESCRIPTION |
|-----|-------------|
| 1 | + output |
| 2 | + output |

OUTPUT : J3 - Screw connector 2 pts

| PIN | DESCRIPTION |
|-----|-------------|
| 1 | - output |
| 2 | - output |