

FEATURES

Input voltage

16 ÷ 36 Vdc (14,4÷40Vdc for transitory of 100ms)

Efficiency

88% typ.

Input protections

- Input voltage polarity inversion with parallel diode
- Input fuse

See table for

- Output voltages and currents
- Line and load regulation
- Output ripple and noise

Output protections

- Over load protection
- Short circuit protection

Output power

156W

Output signals

- Sense1+

- Sense1-

- Out_OK+

- Out_OK-

Operating indicators

- Led 1 : Out OK (Outputs OK)
- Led 2 : +24/1 Vdc (Output A present)
- Led 3 : +24/2 Vdc (Output B present)
- Led 4 : Vin (Input battery present)

Operating temperature

-25° ÷ +85°C

Temperature power derating

< 150p.p.m./°C(-30÷+80°C)

Storage temperature

-40°C ÷ +85°C

Humidity

< 75% (95% for 30 consecutive days)

Dielectric withstand voltage

- Input - P.E. = 1500Vdc for 60s

Isolation

- Input - Output = 1500Vdc

Comply with

- EN50155
- EN50121-3-2
- EN50125-1 (T3 class)
- FSST306158
- IP 40 for ambiantal protection
- EN 60068-2-2 NORM
- HD 323.2.30
- NF C 20-714 NORM
- CEI 801.4

Connections

- DIN 41612 H15

MTBF

- 70000 hours MIL-HDBK-217 Notice F

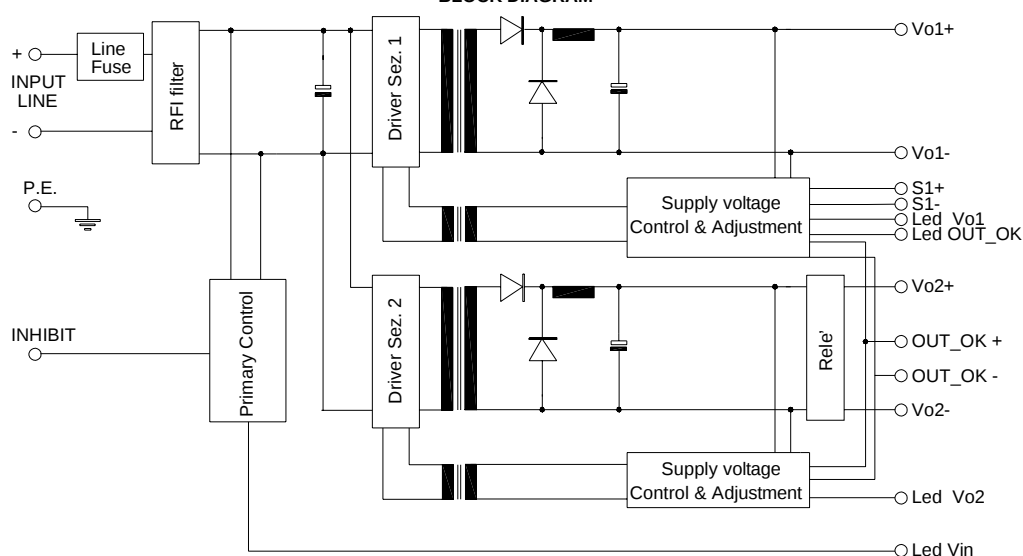
Altitude

- 1800 mt Max

FEATURES TABLE

Out	Vout V	Iout nom. A	Iout min A	Iout Max A	Load regulation (10÷100%) %	Line Regulation VIN(min÷max) %	Ripple & Noise (0÷10MHz) mVpp
A	+24	5.0	0	6.58	< ±5%	< ±0.5%	< 150
B	+24	1.5	0	1.82	< ±5%	< ±0.5%	< 150

BLOCK DIAGRAM

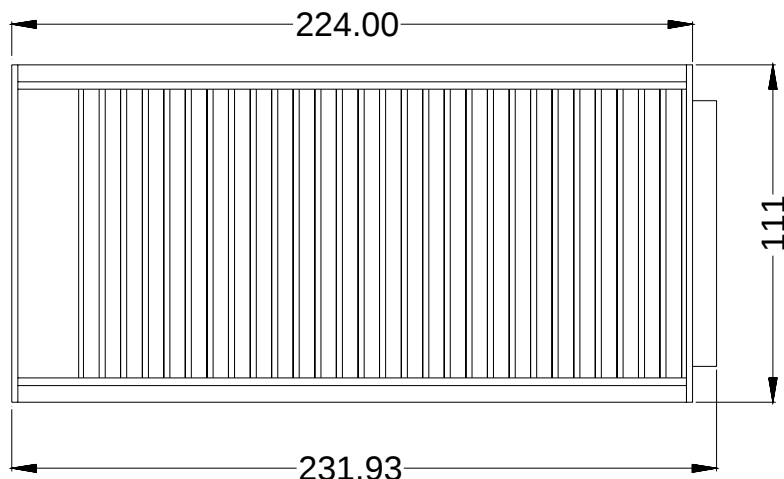
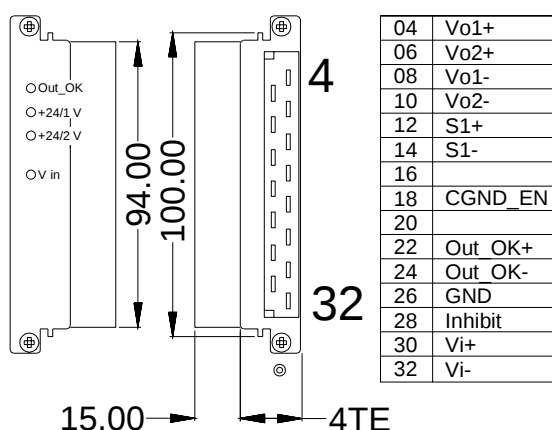


DIMENSIONS AND CONNECTIONS

FRONT VIEW

REAR VIEW

SIDE VIEW



AZIENDA CERTIFICATA



Note: all features are subject to change without notice.

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