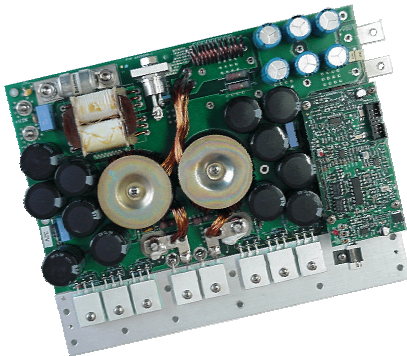


Open-Frame DC/DC Converter 5KWPS



Key Features

- Buck topology
- not insulated
- high efficiency
- remote control
- low cost
- auxiliary voltage
- automatic protections
- programmable output voltage

Technical Specifications

Input voltage	100 – 160 VDC
Input protection	fuse 80A/250V – type LET
Soft start	10mS
Output voltage	32-48 VDC
Output adjustment	+/-10%
Auxiliary voltage	+15VDC/100mA
Automatic protection	Output over current Over temperature Input under voltage
Remote enable	+15V@20mA on pin EN+/EN-
Efficiency	92%
Thermal protection	> 90 °C
Operative temperature	0 – 70 °C
Cooling	heat-sink and forced air flow
Insulation	1500VDC to chassis
Signaling	LED RED - Failure LED GREEN - Operative
Output Current Monitor	40mV/A not insulated
Output Voltage Monitor	1 / 1 not insulated
Input Voltage Monitor	30 / 1 not insulated

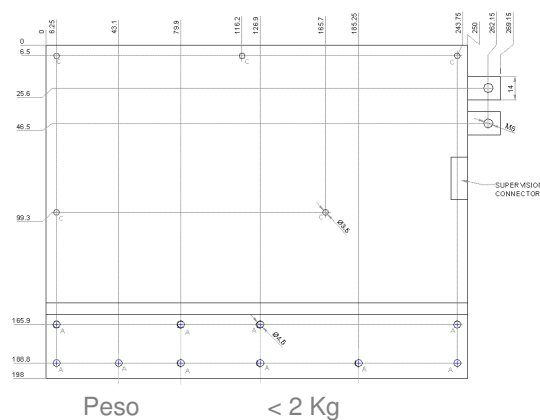
Connections

INPUT : M5 nut
OUTPUT : M5 nut
CONTROL : 14 pin flat cable

PIN Assignment

- | | |
|----|---------------------------|
| 1 | Alarm (-) |
| 2 | Alarm (+) |
| 3 | Alarm (+) |
| 4 | Alarm (+) |
| 5 | Alarm (+) |
| 6 | Monitor VIN |
| 7 | +15VDC /100mA |
| 8 | Enable (+) |
| 9 | Enable (-) |
| 10 | Common |
| 11 | Common |
| 12 | Monitor VOUT |
| 13 | Monitor IOUT |
| 14 | Output voltage adjustment |

Mechanical Layout (Unit: mm)



Product Identification

Cod.8002001-B	:versione 48VDC / 100A
Cod.8002001-C	:versione 32VDC / 130A



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