



FEATURES

- 360/500W output power
- Standard 230vac line input or wide range with PFC stage (optional)
- Output voltages from 24 to 110V
- Single phase input
- Status: unbiased changeover contacts and LED
- ORing diode
- Adjustable output voltage
- Fully protected from short circuit, overload, overvoltage and over temperature
- Removable screw terminals
- **Customizations are available upon request**

APPLICATIONS

- Electrical panels
- Automation
- Controls

INSTALLATION INSTRUCTIONS

DIN Rail

The DIN rail should be firmly positioned and attached to the holding panel. Ensure the power supply straight mounted on the DIN rail.



Parallel connection

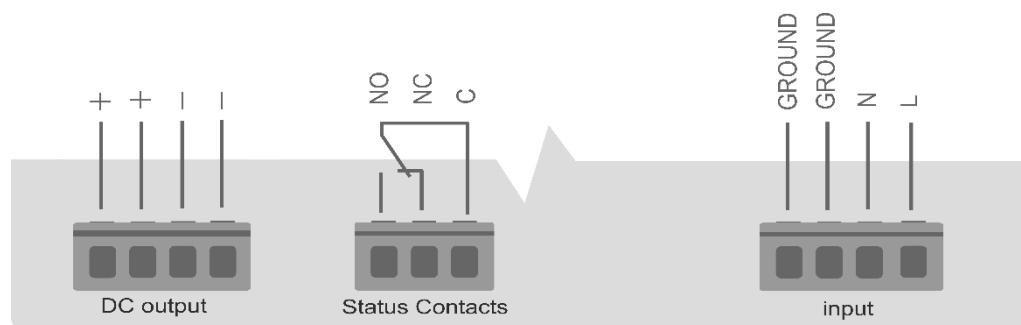
ORing diode allow parallel connection. When parallel connection is required, calibrate the output voltage to the same point on each of the power supplies (before parallel connection is made). Ensure that load is balanced between the power supplies: parallel connections shall be kept as short as possible.



Warning!

Risk of electric shock. Installation must be performed by qualified personnel only. Ensure that installation position, cable cross section and operating conditions conform to safety and installation regulations or standards. Wrong installation may lead to damage or serious injury. Do not open when voltage is applied to input or output connectors. Wait 10 minutes after disconnection before opening the shell. Installation is allowed only with proper circuit breaker on input AC line. Required type: C curve, double pole. Leave at least 10cm free space for venting on upper and lower side, and 2.5cm on both sides. Operate voltage trimming with an insulated screwdriver.

TERMINALS



Output					
Model	0003.0000	0003.7542	0003.0002	0003.0001	
Voltage	25,55	110	24	24	V
Current	19	4,5	20	20	A
Adjust range	23 ... 27	108 ... 112	23 ... 27	23 ... 27	V
Connection	1.5	1.5	1.5	1.5	mm²
Noise	Ripple < 350mVpp – Noise < 500mVpp (0-50Mhz)				
Load regulation	Δ V <1V for t <50mSec with load change 10-100%				
Input					
Voltage	230Vac +/-20% 50/60Hz		88/265Vac 50/60Hz		V
Current	4	4	4	4	A
Efficiency	> 85				%
Connection	2,5mm² class I (earthed) L + N + Pe				
Inrush current	< 30				A
Power factor	0,7	0,7	0,7	0,98	% thd
Line Regulation	±1% with line voltage changes of ±20%				
Features					
Input Protection	Internal over temperature protection 95° ±5% with hysteresis on mosfet heatsink				
Output protection	Parallelable with OR-ing diode Indefinite short circuit protection – Overvoltage protection latching				
Ratings					
Status contact	Failure/undervoltage changeover contact 250V 5A AC – 30V 1A DC				
Temperature	Working: -20/+60°C, up to 70°C with power derating 5W/°C Storage: -20/+80°C				
Insulation voltage	2kV input to output and input to Pe 2kV output to Pe and signal contact				
Mechanical					
Dimensions	250 x 130 x 125 (excluding din rail clip)				mm
Weight	2				Kg
Mounting	EN50022 DIN Rail, optional rear screws				
Standards applied	EN55022-B EN 62368-1 EN61000-6-1 EN61000-6-2 EN61000-4-2,3,4,5,6,8,11 The device is tested for CE compliance in a typical installation environment. When included in an end system, the entire system must be certified for compliance				



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Specifications are expected to change without notice.