

## Datasheet

Art.No. 81.000.6330.0

Switched-mode power supply WIPOS PB1 24-2.5

wipos switched-mode power supply, nominal voltage: 24 V DC / 2,5A, (setting range 24-28 V DC) sustained short-circuit protection, input voltage range: 90-264 V AC / 120-375 V DC, single phase, DIN rail mounted device 4 mod.



Art.No.	81.000.6330.0
EAN	4049088081460
Order unit	1 pieces

## Approvals



## Technical data

### General

Connection type	Screw connection
Modular version	Yes
Mounting type, other	No
Mounting type, wall mounting	No
Rail mounting possible	Yes
Housing material	Plastic
Operating temperature min.	-40 °C
Operating temperature max.	71 °C
relative humidity min.	20 %
Storage temperature / transport min.	85 °C
Storage temperature / transport max.	-40 °C
Degree of protection (IP)	IP20
Pollution degree	2
Parallel-service possible	No

### Technical data

function display "DC Low"	"DC LOW" LED rot (U(o))
Short-circuit protective device	Strombegrenzung (fold forward)
temperature coefficient	±0,03%/K
ripple and noise	0.05 V
hold time 115V AC	> 12 ms
hold time 230V AC	> 60 ms
isolating voltage Output DC	4242 V
cohesive resistance (In-/Output)	100 MOhm

Derating	61°C...71°C: 2,5 %/K
cooling	free convection
MTBF	608.000h
Connector cross section (input)	min. 0,5mm <sup>2</sup> (AWG24) max. 2,5mm <sup>2</sup> (AWG12)
Connector cross section (output)	min. 0,5mm <sup>2</sup> (AWG24) max. 2,5mm <sup>2</sup> (AWG12)
Wire strip length	7 mm
Permissible torque max.	0.6 Nm
Control "Adj"	trimming potentiometer for fine-tuning of U(out)
CE-Norm	EN61000-6-3, EN 55022 Class B, EN61000-3-2, EN61000-3-3, EN61000-6-2, EN55024, EN61000-4-2, Level 4, EN61000-4-3 Level 3, EN61000-4-4 Level 4, EN61000-4-5 L-N Level 3, L/N-FG Level 4, EN61000-4-6 Level 3, EN61000-4-8 Level 4, EN61000-4-11, ENV 50204 Level 2, EN61204-3
Approval cULus	UL 508 Listed, UL60950-1 Recognized
Number of +	2
Number of -	2
Further terminals	L, N

### Dimensions

Depth	56.5 mm
Width	71 mm
Height	91 mm
Mounting Distance horizontal	25 mm
Mounting Distance vertical	25 mm
Weight	250 g

### Classification

ECLASS 8.1	27049004: AC-power supply
ETIM 5.0	EC002540: DC-power supply
ETIM 3.0	EC001039: PLC power supply

### Output

Type of output voltage	DC
Power output	60 W
Output voltage stabilized	Yes
Output voltage	24 V
Min. output voltage	24 V
Max. output voltage	28 V
Output current	2.5 A

### Input

Type of voltage (input voltage)	
Input voltage DC min.	120 V
Input voltage DC max.	375 V
Input voltage AC min.	90 V
Input voltage AC max.	264 V
Rated frequency min.	47 Hz
Rated frequency max.	63 Hz
Max. starting current	60 A
Input fuse	T2A / 250V (intern)
input protection	Varistor (voltage-sensitive resistor)



Drawings

