

## Datasheet

Art.No. 81.000.6580.0

Switched-mode power supply WIPOS PS3 24-20

wipos PS3 switched-mode power supply, nominal voltage: 24 V DC / 20 A (setting range 22,5-29,5 V DC), sustained short-circuit protection, input voltage range: 320-576 V AC / 450-810 V DC, three-phase, W x H x D: 95 x 125 x 150 mm



Art.No.	81.000.6580.0
EAN	4049088269707
Order unit	1 pieces

## Approvals



## Technical data

### General

Connection type	Screw connection
Modular version	No
Mounting type, other	No
Mounting type, wall mounting	No
Rail mounting possible	Yes
Housing material	Metal
Operating temperature min.	-40 °C
Operating temperature max.	70 °C
relative humidity min.	0 %
Storage temperature / transport min.	85 °C
Storage temperature / transport max.	-40 °C
Degree of protection (IP)	IP20
Protection class	I
Pollution degree	2
Parallel-service possible	No

### Technical data

Display	LED
Function display	"DC OK" U(o) > 19,4V DC
ripple and noise	0.19 V
isolating voltage Output DC	4242 V
cohesive resistance (In-/Output)	100 MOhm
cooling	free convection
MTBF	280.000h

Connector cross section (output)	4-6mm <sup>2</sup> /4mm <sup>2</sup> (AWG12-10/AWG12)
Wire strip length	10 mm
Permissible torque min.	0.5 Nm
Permissible torque max.	0.6 Nm
Control "Adj"	trimming potentiometer for fine-tuning of U(out)
Number of +	2
Number of -	3

### Dimensions

Depth	150 mm
Width	95 mm
Height	125 mm
Mounting Distance horizontal	20 mm
Mounting Distance vertical	75 mm
Weight	1.6 kg

### 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	480 W
Output voltage stabilized	Yes
Output voltage	24 V
Min. output voltage	22.5 V
Max. output voltage	28.5 V
Min. output voltage	22.5 V
Max. output voltage	29.5 V
Output current	20 A

### Input

Type of voltage (input voltage)	
Input voltage DC min.	450 V
Input voltage DC max.	810 V
Min. input voltage	380 V
Max. input voltage	480 V
Input voltage AC min.	320 V
Input voltage AC max.	576 V
Rated frequency min.	47 Hz
Rated frequency max.	63 Hz
Input current, max.	1.2 A
Max. starting current	28 A



Drawings

