

Datasheet

Art.No. 81.000.6560.0

Switched-mode power supply WIPOS PS3 24-5

wipos PS3 switched-mode power supply, nominal voltage: 24 V DC / 5 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: 40 × 125 × 122,2 mm



Art.No.	81.000.6560.0
EAN	4049088269684
Order unit	1 pieces

Approvals

LR

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 %
relative humidity max.	95 %
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
temperature coefficient	±0.05%/K
ripple and noise	0.16 V
isolating voltage Output DC	4242 V
cohesive resistance (In-/Output)	100 MOhm

cooling	free convection
MTBF	390.000h
Connector cross section (input)	0,35-6mm ² /0,35-4mm ² (AWG22-10/AWG22-12)
Connector cross section (output)	0,75-6mm ² /0,75-4mm ² (AWG20-10/AWG20-12)
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
Further terminals	+L1, -L2, (L3) (CA: Fasi L1/L2/L3, DC: Positivo +L1, Negativo -L2), PE

Dimensions

Depth	122.2 mm
Width	40 mm
Height	125 mm
Mounting Distance horizontal	20 mm
Mounting Distance vertical	75 mm
Weight	700 g

Classification

ECLASS 8.1	27049004
ETIM 6.0	EC002643
ETIM 5.0	EC002540
ETIM 3.0	EC001039

Output

Type of output voltage	DC
Power output	120 W
Output voltage stabilized	Yes
Output voltage	24 V
Min. output voltage	22.5 V
Max. output voltage	29.5 V
Min. output voltage	22.5 V
Max. output voltage	29.5 V
Output current	5 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.	0.38 A
Max. starting current	28 A



Drawings

<p>0u - PEE 12/92</p>	
<p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 M1 M2 M3 L G i 11.1 12.1 1.1</p>	
<p>Weitere Angaben siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog. www.wieland-electric.com eshop.wieland-electric.com</p>	
<p>ja/yes <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten. Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!</p>	
<p>Freitoleranz nach General tolerance</p>	<p>CAD-Zeichnung, keine manuellen Änderungen CAD-Drawing, no manual modifications allowed</p>
<p>1. Verwendung: First Use:</p>	<p>Blatt: Sheet:</p>
<p>Werkstoff/ Material</p>	<p>2015 Tag/ Date Name</p>
<p>gezeichnet/ drawn</p>	<p>20.01. Kötzner</p>
<p>geprüft/ checked</p>	
<p>Normgepr. / Stand. check</p>	
<p>Zeichnung Nr. / Drawing No.</p>	<p>81.000.6560.0 01K</p>
<p>Maße in mm/Dimensions are in mm</p>	
<p>Datei/ File: 042291_01K.DCD</p>	<p>Ersatz für/ Replacement for:</p>
<p>Index Datum/ Blatt /Date/ Sheet</p>	<p>Benennung/ Title</p>
<p>Änderung/ Revision</p>	<p>Teilespezifikation / Component specification</p>
<p> wieland www.wieland-electric.com</p>	<p>Schaltnetzteil / Switching Power Supply wipos PS3 24 V DC / 5 A</p>
<p>B1000656001K CADW3072 Koetzner 2015-01-22T10:18:56 1.000</p>	