

Data sheet

Commercial Art.No.: 81.000.6132.0

Switched-mode power supply WIPOS P1 12-5

wipos switched-mode power supply, nominal voltage: 12 V DC / 5A (setting range 12-14 V DC), sustained short-circuit protection, input voltage range: 85-264 V AC / 90-375V DC, single phase, W x H x D: 40,5 × 88,5 × 115 mm



Commercial Art.No.	81.000.6132.0
EAN	4049088106101
Order Unit	1

Technical data

General

Connection type	screw connection
Number of phases	Single phase power supply
Modular version	yes
Mounting type, other	No
Mounting type, wall mounting	No
Rail mounting possible	yes
Housing material	Polycarbonato
Operating temperature min.	-40 °C
Operating temperature max.	71 °C
relative humidity min.	20 %
relative humidity max.	95 %
Storage temperature / transport min.	85 °C
Storage temperature / transport max.	-40 °C
Degree of protection (IP)	IP20
Parallel-service possible	No

Technical data

Function display	"DC OK" (LED green) (U(o) 17.6...19.4V)
Short-circuit protective device	Strombegrenzung (fold forward)
temperature coefficient	±0,03%/K
ripple and noise	< 0.05 V
hold time 115V AC	> 20 ms
hold time 230V AC	> 30 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	504.000h
Connector cross section (input)	min. 0.2mm ² (AWG24)max.2.5mm ² (AWG12)
Connector cross section (output)	min. 0.2mm ² (AWG24)max.2.5mm ² (AWG12)
Wire strip length	5 mm
Permissible torque max.	0.6 Nm
CE-Norm	EN55022 & EN61000-6-3, EN61000-3-2,EN61000-3-3, EN55024 & EN61000-6-2,EN61000-4-2, EN61000-4-3, EN61000-4-4,EN61000-4-5, EN61000-4-6, EN61000-4-8,EN61000-4-11, EN60204-1, EN61204-3
TÜV/safety	EN60950-1, EN61558-1, EN61558-2-16(erfüllt EN60204) , IRAM
Approval cULus	UL 508 Listed, UL60950-1 Recognized
Number of +	2
Number of -	2
Further terminals	L1, N, PE, NC (not used)

Output

Type of output voltage	DC
Power output	60 W
Output voltage stabilized	yes
Output voltage	12 V
Output current	5 A

Input

Type of voltage (input voltage)	
Primary voltage range	90 V
Min. input voltage	90 V
Max. input voltage	264 V
Rated frequency min.	47 Hz
Rated frequency max.	63 Hz
Input current, max.	1.5 A
Input fuse	T2A / 250V (intern)

Dimensions

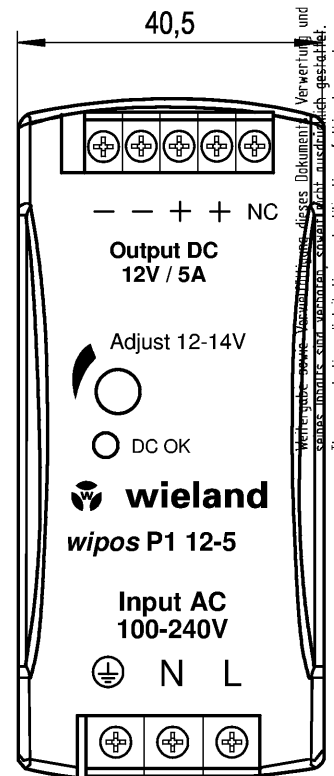
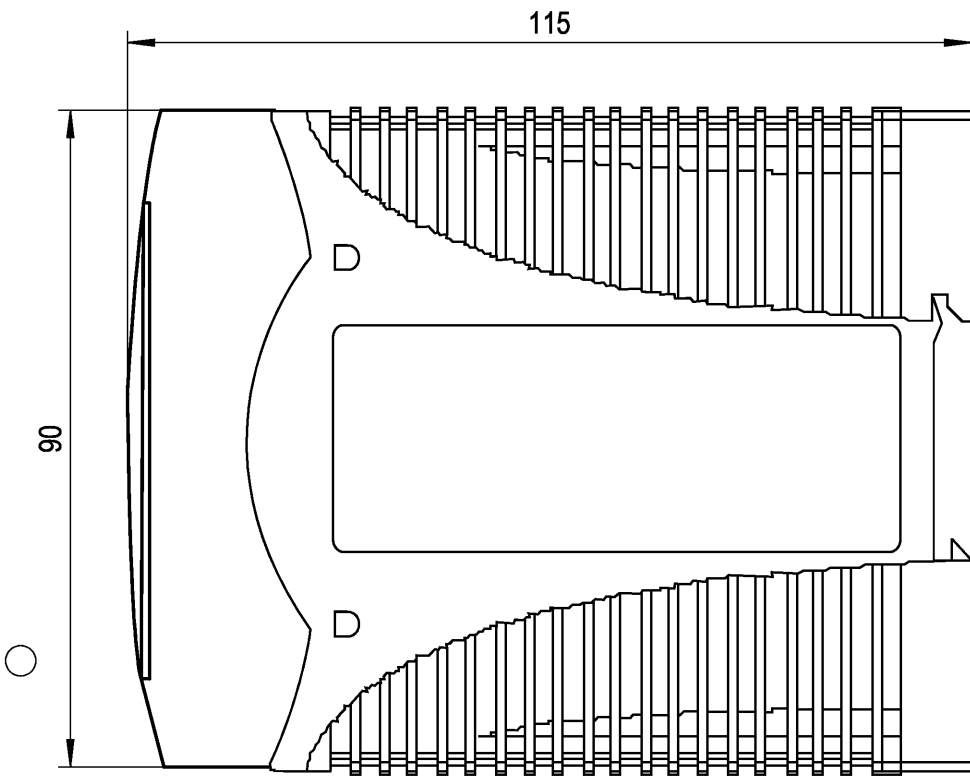
Depth	115 mm
Width	40.5 mm
Height	91 mm
Mounting Distance horizontal	25 mm
Mounting Distance vertical	25 mm
Weight	340 g

Classification

ECLASS 11	
ECLASS 8.1	27049002
ETIM 7.0	EC002540
ETIM 6.0	EC002540
ETIM 5.0	EC002540

Product compliance

ROHS conformity status	Compliant
REACH-SVHC conformity status	Compliant



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Weitere Daten siehe KATALOG oder eKatalog.
Additional data see CATALOG or e-Catalog.

www.wieland-electric.com
e-shop.wieland-electric.com

ja/yes Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten.
Conformity with Wieland document UU-TQM-05/03 (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance		CAD-Zeichnung, keine manuellen Änderungen CAD-Drawing, no manual modifications allowed			1. Verwendung: First Use:		Blatt: Sheet:		
		Werkstoff/ Material		2014	Tag/ Date	Name		Zeichnung Nr./ Drawing No.	
		Maßstab/Scale		gezeichnet drawn	26.02.	Kötzner		81.000.6132.0 01K	
				geprüft checked				Maße in mm/Dimensions are in mm	
		Datei/ File: 033781__01K.DCD		Normgepr. Stand. check				Ersatz für/ Replacement for:	
		wieland Elektrische Verbindungen		Type		Benennung/ Title			
						Schaltnetzteil / Switching Power Supply wipos P1 12 VDC / 5 A 1PH			
Index	Datum/ Blatt Date/ Sheet		Änderung/ Revision						

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