product data sheet

item no. 81.000.6135.0

switched-mode power supply WIPOS P1 24-3.8

wipos switched-mode power supply, nominal voltage: 24 V DC / 3,8A (setting range 22,5-24,5 V DC), sustained short-circuitprotection, input voltage range: 115 V AC / 230 V AC; 210-370 V DC,single phase, W x H x D: 63,2 × 123,6 × 123,6 mm



item no.	81.000.6135.0
EAN	4049088037474
order unit	1 piece(s)

certificates / approvals

technical data

general

connection type	screw connection
number of phases	single phase power supply
suitable for modular version	no
mounting type, other	no
mounting type, wall mounting	no
rail mounting possible	yes
housing material	metal
operating temperature min.	-35 °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)
function display "DC Low"	"DC Low" (LED red)
short-circuit protective device	current limitation (fold forward)
temperature coefficient	±0,03%/K
ripple and noise	< 0.05 V
hold time 115V AC	> 25 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	486,000h
connector cross section (input	min. 0.5mm² (AWG24)max. 6mm² (AWG10)
connector cross section (output)	min. 0.5mm² (AWG24)max. 6mm² (AWG10)
wire strip length	8 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(comply with EN60204) , IRAM
approval UL	UL 508 Listed, UL60950-1 RecognizedUL 1310 Class 2 Power supply
number of +	2
number of -	2
further terminals	L1, N, PE, OK (2x Relay-NO)

output

type of output voltage	DC
power output	92 W
output voltage stabilized	yes
output voltage	24 V
min. output voltage	22.5 V
max. output voltage	28.5 V
Over voltage proctection (OVP)	# 33 V
output current	3.8 A

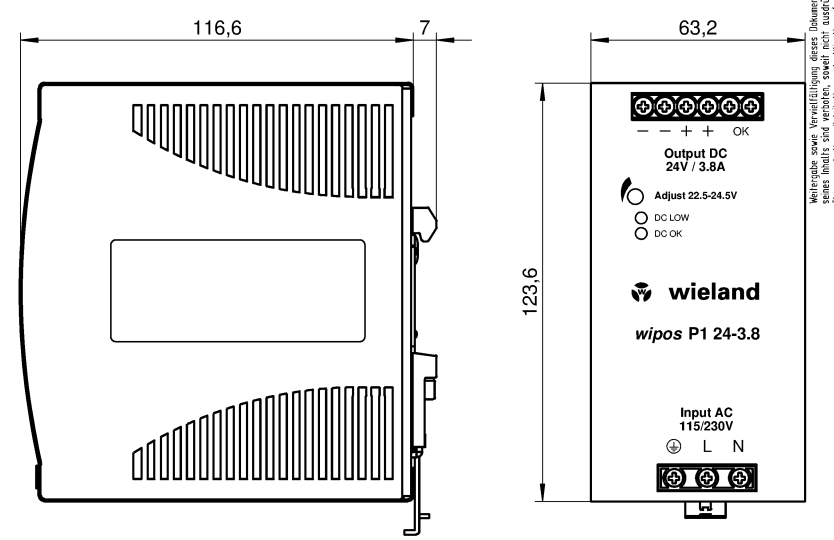
input

type of voltage (input voltage)	
power consumption	< 130 VA
input voltage DC min.	210 V
input voltage DC max.	375 V
input voltage AC min.	115 V
input voltage AC max.	230 V
rated frequency min.	47 Hz
rated frequency max.	63 Hz
input fuse	T3,15A / 250V (internal)

dimensions

depth	123.6 mm
width	63.2 mm
height	123.6 mm
mounting distance horizontal	25 mm
mounting distance vertical	25 mm
weight	920 g

technical drawing



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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	81.000.6135.0 01K
	geprüft checked			Maße in mm/Dimensions are in mm
	Normgepr. Stand. check			

Datei/ File: 028941_A_01K.DCD

Ersatz für/ Replacement for:

Index / Datum/ Blatt Date/ Sheet / Änderung/ Revision	wieland Elektrische Verbindungen	Type

Benennung/ Title

Schaltnetzteil / Switching Power Supply
wipos P1 24 V DC / 3.8 A 1PH

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