

Data sheet

Commercial Art.No.: 81.000.1401.0

switched-mode power supply WIPOS PSU3 24-5 P

Primary-switched power supply unit wipos PSU3, Push-In connection, DIN rail mounting, Input: 350-575 V AC, Output: 22,5-29 V DC / 5 A, Power: 120 W, efficiency: 91.3%, Power Boost: 180 W / 600 s, WxHxD: 55x129x138



Commercial Art.No.	81.000.1401.0
EAN	4049088701955
Order Unit	1

certificates / approvals



Technical data

general

connection type	push-In connection//true
number of phases	3 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.	-25 °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
pollution degree	2

technical data

display	LED
short-circuit protective device	current limiting (hiccup mode)
cooling	free convection
control "Adj"	trimming potentiometer for fine-tuning of U(out)

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	28.5 V
min. output voltage	22.5 V
max. output voltage	29 V
Over voltage protection (OVP)	≤ 32.9 V
output current	5 A

input

type of voltage (input voltage)	
input voltage DC min.	530 V
input voltage DC max.	675 V
primary voltage range	400 V
min. input voltage	400 V
max. input voltage	500 V
input voltage AC min.	350 V
input voltage AC max.	575 V
rated frequency min.	47 Hz
rated frequency max.	63 Hz
input current, max.	0.5 A
max. starting current	25 A

dimensions

depth	138.2 mm
width	55 mm
height	129 mm

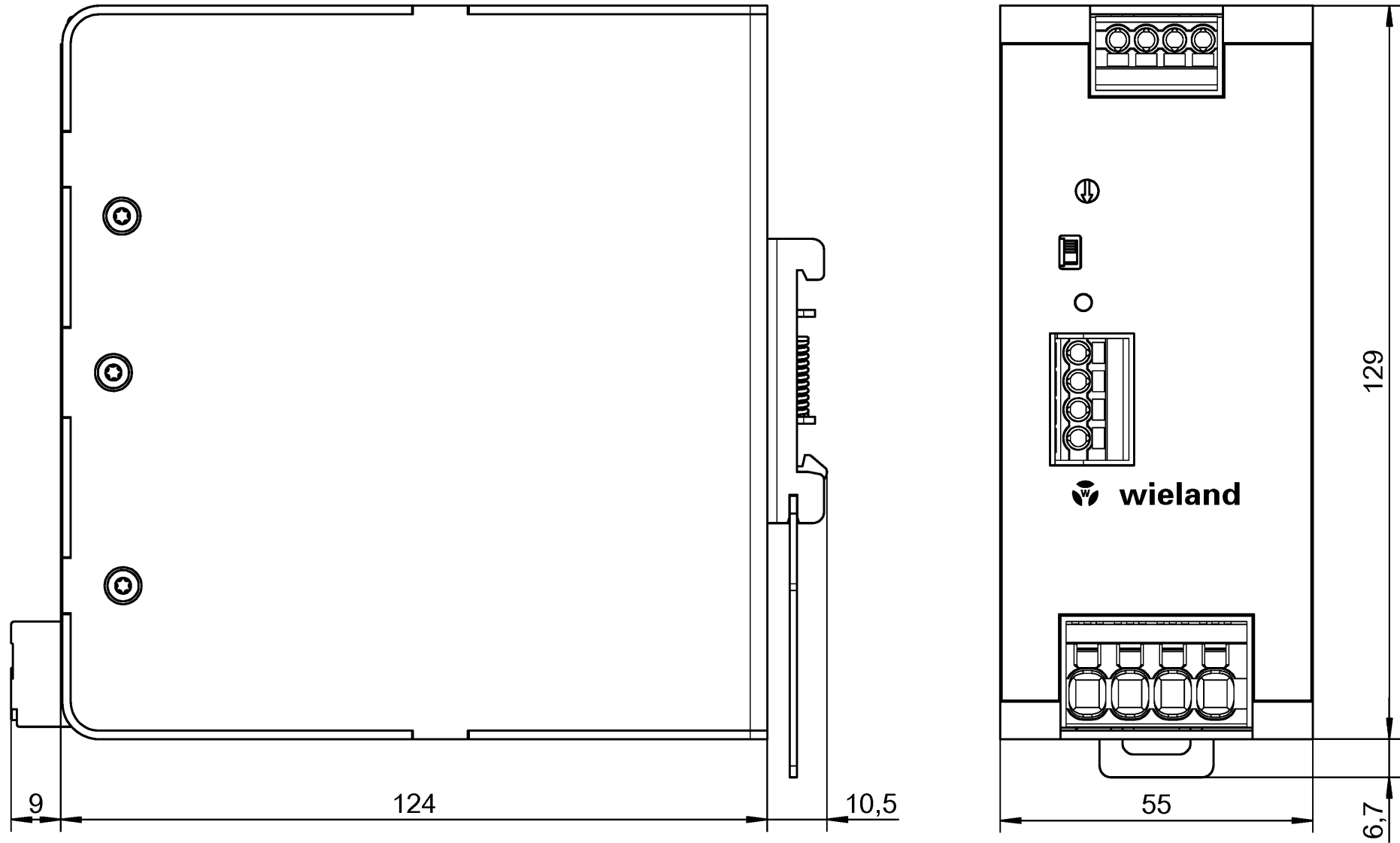
classification

ECLASS 11	
ECLASS 8.1	27049002
ETIM 9.0	EC002540
ETIM 8.0	EC002540
ETIM 7.0	EC002540
ETIM 6.0	EC002540
ETIM 5.0	EC002540

product compliance

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant

01-QU-RD-31/21



Teile-Nr. / Part-No.	Typ / Type
81.000.1401.0	wipos PSU3 24-5 P
81.000.1410.0	wipos PSU3 24-10 P
81.000.1620.0	wipos PSU3 48-5 P

Weitere Angaben siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog.				www.wieland-electric.com eshop.wieland-electric.com				
© Alle Rechte vorbehalten © All rights reserved		Vertraulichkeitsklasse: Vertraulich Confidentiality Class: Confidential		ja / yes ☒ 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!				
Freitoleranz nach General tolerance		CAD - Zeichnung, keine manuellen Änderungen CAD - Drawing, no manual modifications allowed		1. Verwendung: - First Use:		Blatt: - Sheet:		
		 Maßstab / Scale		2024 Tag/Date gezeichnet drawn 28.11. Koetzner		Zeichnung Nr. / Drawing No.		Index
				Elektronische Freigabe Electronic Release		T 81.000.1401.0 01K		-
		Datei/ File: 048631__01K.DCD		Ersatz für / Replacement for: -				
				Type		Benennung / Title		
				Teilespezifikation / Component specification				
Index Datum / Blatt Date / Sheet				Schaltnetzteil / Switching Power Supply				
Änderung / Revision								