

product data sheet

item no. 81.000.1105.0

switched-mode power supply WIPOS PSU1 24-5 E

Primary-switched power supply unit wipos PSU1, Push-In connection, DIN rail mounting, Input: 90-264 V AC, Output: 22,5-29 V DC / 5 A, Power: 120 W, Efficiency: 92.0%, Power Boost: 156 W / 80 s, WxHxD: 38x125x110



item no.	81.000.1105.0
EAN	4049088714788
order unit	1 piece(s)

certificates / approvals



technical data

general

connection type	push-in connection//true
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	aluminum
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
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

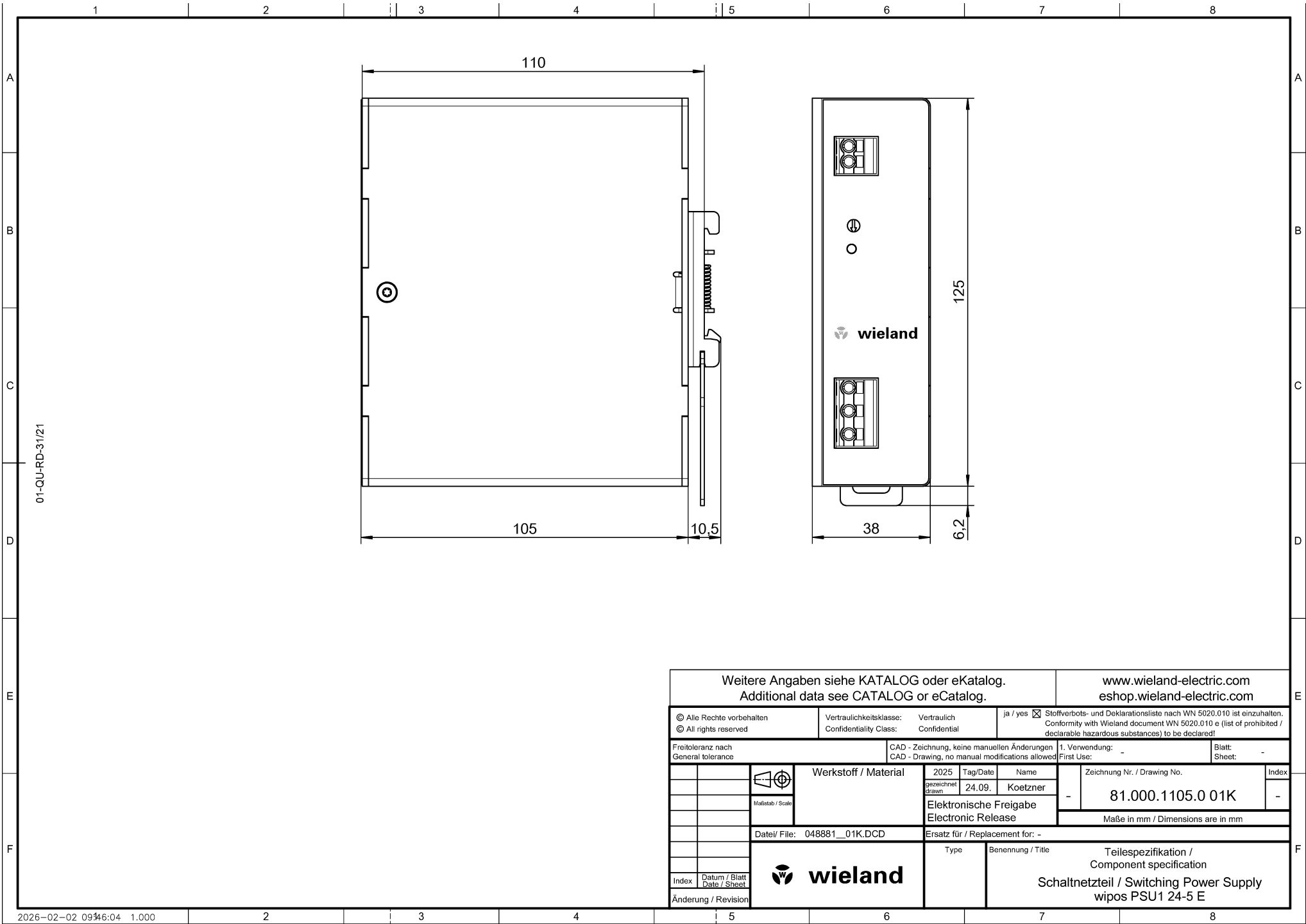
min. output voltage	22.5 V
max. output voltage	29 V
min. output voltage	22.5 V
max. output voltage	29 V
output current	5 A

input

type of voltage (input voltage)	
input voltage DC min.	93 V
input voltage DC max.	300 V
primary voltage range	110 V
min. input voltage	100 V
max. input voltage	240 V
input voltage AC min.	90 V
input voltage AC max.	264 V
rated frequency min.	47 Hz
rated frequency max.	63 Hz
input current, max.	0.7 A
max. starting current	29 A

dimensions

depth	110 mm
width	38 mm
height	125 mm



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Freitoleranz nach General tolerance			CAD - Zeichnung, keine manuellen Änderungen CAD - Drawing, no manual modifications allowed		1. Verwendung: - First Use:		Blatt: - Sheet:				
		Werkstoff / Material		2025 Tag/Date gezeichnet drawn 24.09.		Name Koetzner		Zeichnung Nr. / Drawing No. 81.000.1105.0 01K		Index -	
Maßstab / Scale				Elektronische Freigabe Electronic Release		-					
								Maße in mm / Dimensions are in mm			
		Datei/ File: 048881__01K.DCD		Ersatz für / Replacement for: -							
		 wieland		Type		Benennung / Title		Teilespezifikation / Component specification			
Index		Datum / Blatt Date / Sheet						Schaltnetzteil / Switching Power Supply			
Änderung / Revision								wipos PSU1 24-5 E			