

Data sheet

Commercial Art.No.: 81.000.7530.0

Switched-mode power supply WIPOS PSW 24-20

wipos PSW Switch-mode power supply, Nominal output: 24 V DC / 20 A (setting range 23-28V DC), sustained short-circuit protection, Input 1/2/3 phasig: 187-550 V AC; 250-725 V DC



Commercial Art.No.	81.000.7530.0
EAN	4049088490439
Order Unit	1

Certificates / Approvals



Technical data

General

Connection type	screw connection
Number of phases	Single phase power supply
Modular version	No
Rail mounting possible	yes
Housing material	aluminum
Operating temperature min.	-40 °C
Operating temperature max.	70 °C
relative humidity min.	5 %
relative humidity max.	95 %
Storage temperature / transport min.	80 °C
Storage temperature / transport max.	-40 °C
Degree of protection (IP)	IP20
Protection class	I
Pollution degree	2

Technical data

Display	LED
Short-circuit protective device	Current limiting (hiccup mode)
ripple and noise	< 0.05 V
isolating voltage Output DC	2.2 kV
Derating	-10 W/°C over 45 °C
MTBF	> 500'000h at 25°C ambient full load
Connector cross section (input)	2,5mm ² (24...12AWG)

Connector cross section (output)	2,5mm ² (24...12AWG)
CE-Norm	EN55011, EN55022, EN61000-3-2, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-11
Shock	IEC 60068-2-27
EMC-version	yes
Vibration	IEC 60068-2-6
Safety Standards	UL508, EN60950, EN50178

Output

Type of output voltage	DC
Power output	480 W
Output voltage stabilized	yes
Output voltage	24 V
Min. output voltage	23 V
Max. output voltage	28 V
Output current	20 A

Input

Type of voltage (input voltage)	
Input voltage DC min.	250 V
Input voltage DC max.	725 V
Input voltage AC min.	187 V
Input voltage AC max.	550 V
Rated frequency min.	47 Hz
Rated frequency max.	400 Hz
Input current, max.	2.1 A
Input fuse	No

Dimensions

Depth	125 mm
Width	73 mm
Height	140 mm
Weight	1000 g

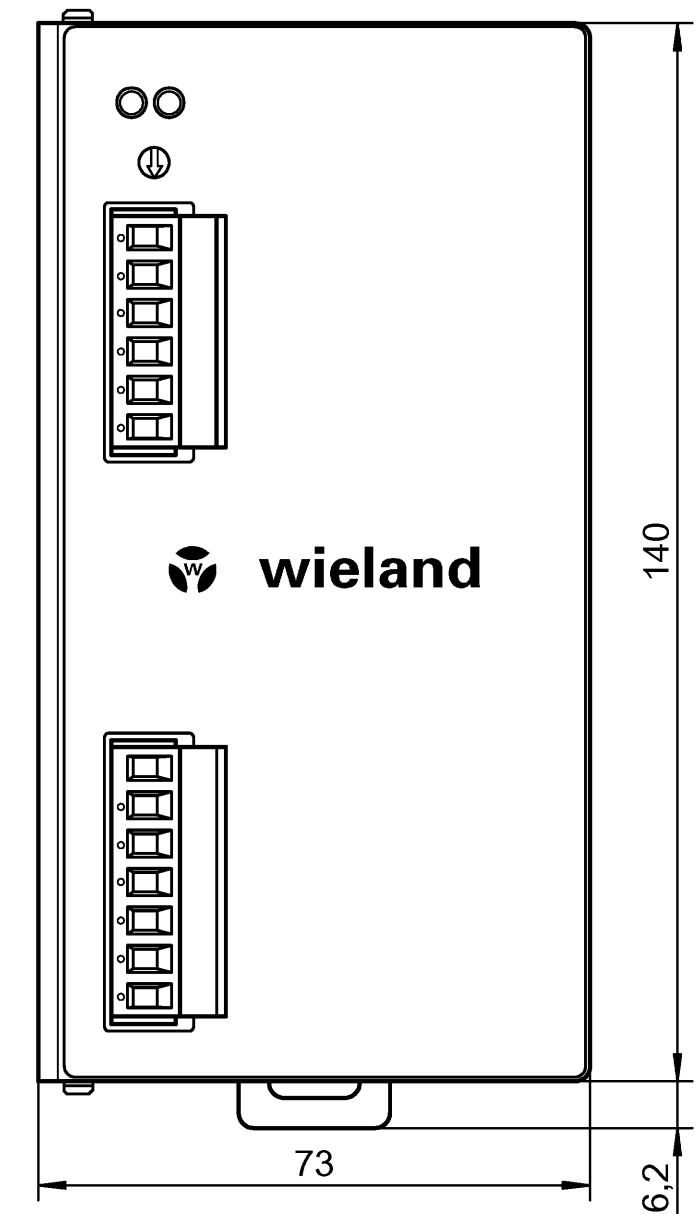
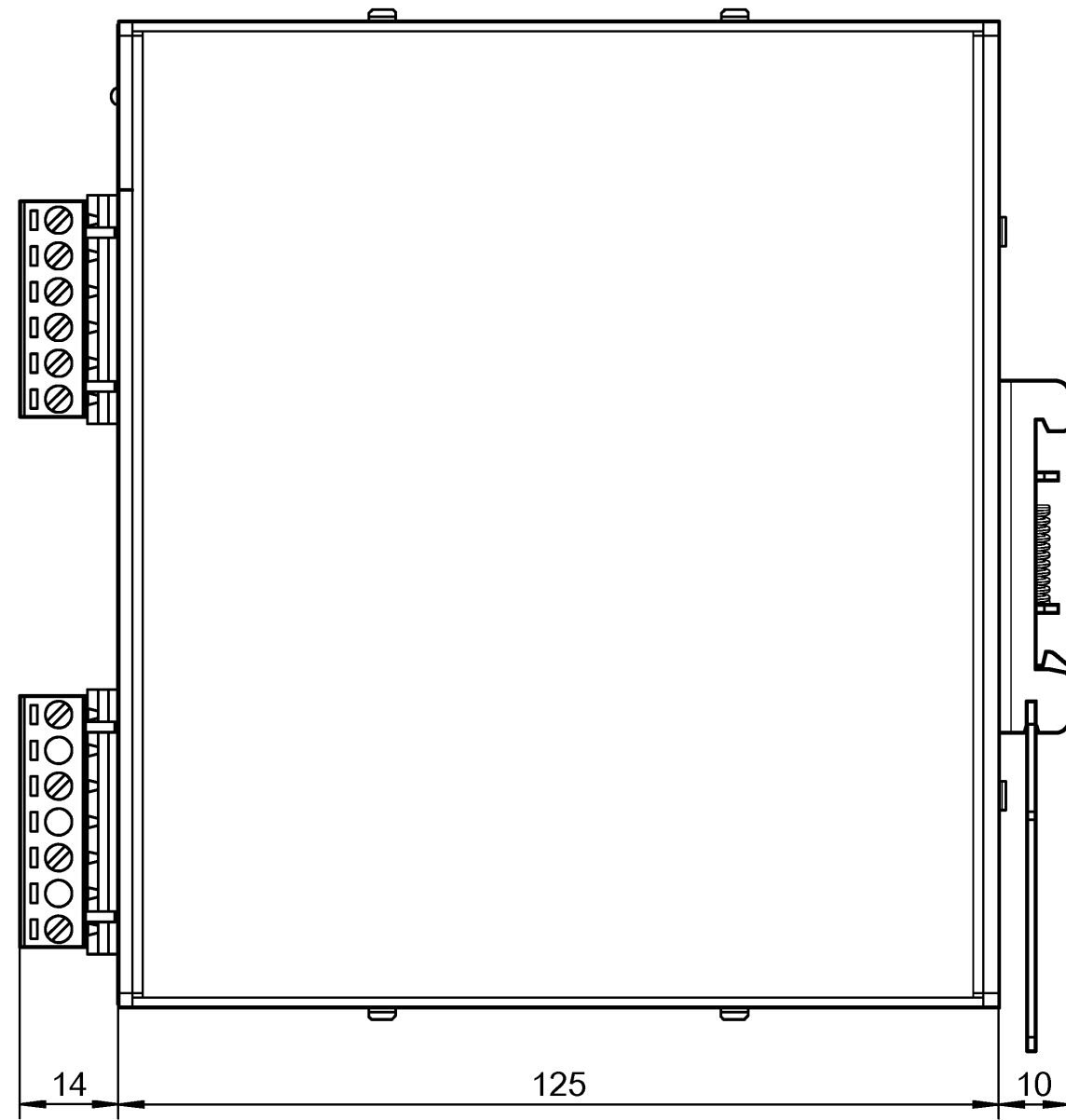
Classification

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 Angaben siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog.				www.wieland-electric.com eshop.wieland-electric.com			
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!							
Freitoleranz nach General tolerance			CAD-Zeichnung, keine manuellen Änderungen CAD drawing, no manual modifications allowed			1. Verwendung: First Use:	Blatt: Sheet:
		Werkstoff / Material		2018	Tag/Date	Name	
		Maßstab/Scale		gezeichnet drawn	28.11.	Koetzner	
				geprüft checked			
				Normgepr. Stand. check			
Datei / File: 045861__01K.DCD				Ersatz für / Replacement for:			
Teile-Nr. / Part. No.		Typ / Type		Type		Benennung / Title	
81.000.7530.0		wipos PSW 24-20				Teilespezifikation / Component specification	
81.000.7531.0		wipos PSW 48-10				Schaltnetzteil / Switching Power Supply	
Index		Datum / Blatt Date / Sheet		www.wieland www.wieland-electric.com			
		Änderung / Revision					

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