

Din Rail Power Supply

TPS030-130W Pro Series





Special Features

- Compliance with No Load Power and Efficiency V (CEC 2004)
- Profile following to IEC439-1 for Low-Voltage Switchgear and Controlgear
- Convection Cooled
- IP 30 Double Insulation
- 5-Year Warranty

Key Applications

- Building automation control
- Alarm and Safety
- LED lighting
- Environmental control system
- Industrial automation equipment
- Medical equipment

30W,70W,100W,130W	
Input	Nominal Voltage 90-264VAC/120-370VDC
Output	See Table
Output Power	30-130W
Efficiency	>93%@Convection cooling Efficiency at 230Vac by max. Load

Electrical Specifications	
Input	Operating Conditions
Input Range	90-264VAC or 120-370VDC automatically
Frequency	47-63 Hz
Power Factor	Meets EN61000-3-2,EN61000-3-3
Output	Operating Conditions
Output Voltage Adjust	See Table
Hold-up Time	20ms Full Load,230VAC
In-rush Current	40A at Cold Start
Leakage Current	0.2mA max@265VAC,60Hz

Mechanical Specifications		
Item	Description	
Case Material	PC-110(+) UL94V-0	
Dimensions	30W	91×23×60mm
	70W	91×53×60mm
	100W	91×71×60mm
	130W	91×90×60mm
Weight	30W	Approx.114g
	70W	Approx.200g
	100W	Approx.255g
	130W	Approx.350g

Safety

CE compliance with Low-Voltage Directive 2014/35/EU

EMC Directive compliance with 2014/30/EU

LED Safety certicaon EN61347-2-13

Safety Standard:Designed to meet IEC/ES/CSA/EN60601-1,62368-1,EA55011-A,EN55032-A

Environmental

Item	Operating Conditions
Operating Temperature	-20°C~+50°C Ambient(Derating From 50°C-70°C)
Storage Temperature	-40°C~+85°C
Operating Humidity	20-90%RH,Non-Condensing
Storage Humidity	10-95%RH,Non-Condensing
Altitude	3000m
MTBF demonstrated	>350.000/hatMIL-HDBK-217F@25°C
Withstand Voltage	Input-Output:3KVac 60s

Installation

Mounting at DIN RAIL TS 35/7.5 or TS 35/15 vertical

N, L and DC Terminal: Cable in AWG26-14 (0.15 - 2.5 mm²), 300 VAC

Accessories and Packing

1 x Power Supply

1 x Manual

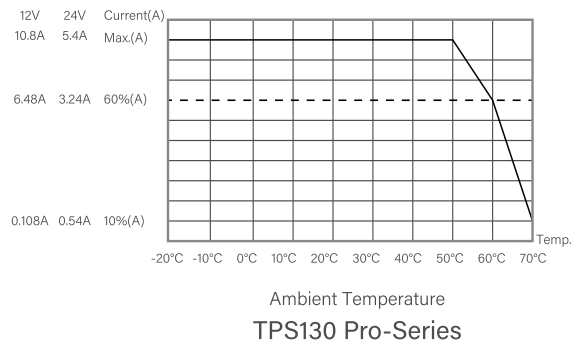
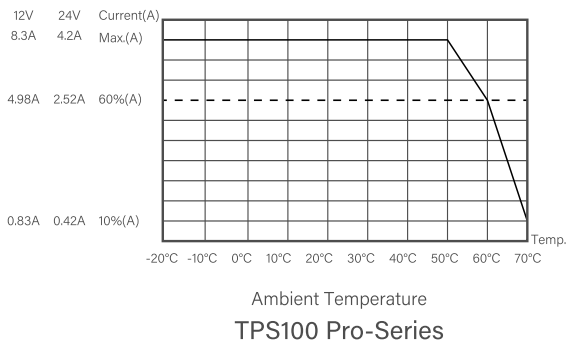
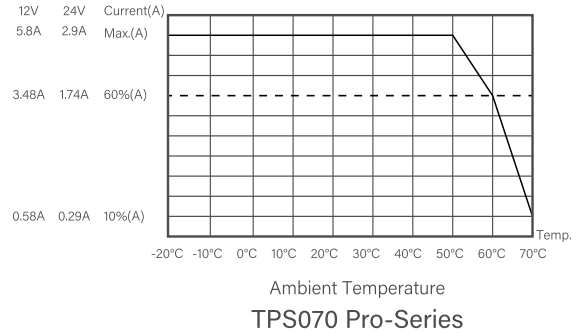
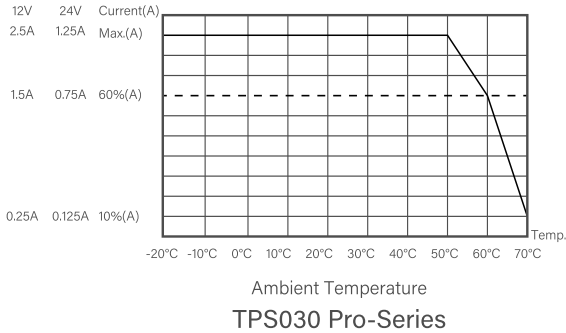
1 x Desiccant

Ordering Information

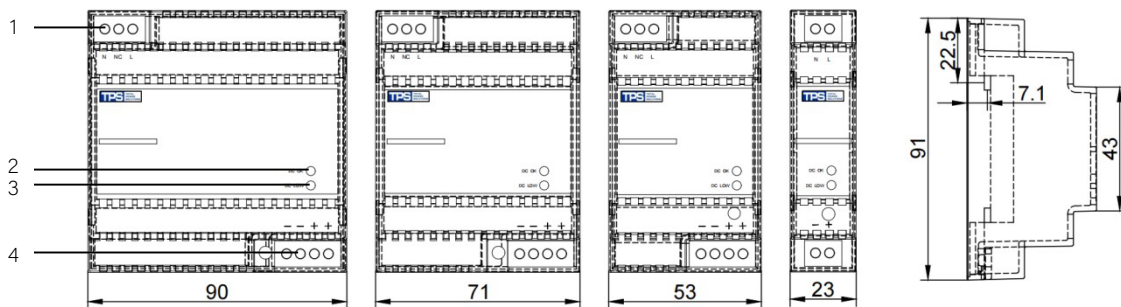
Article No.	Product Name	Voltage(V)	Current(A)	Power(W)	Ripple/Noise(mV)
901003526	TPS030-DR12Pro	12-15	2.5	30	120
901003527	TPS030-DR24Pro	24-28	1.25	30	240
901003625	TPS070-DR12Pro	12-15	5.8	70	120
901003626	TPS070-DR24Pro	24-28	2.9	70	150
901003727	TPS100-DR12Pro	12 -15	8.3	100	280
901003728	TPS100-DR24Pro	24-28	4.2	100	180
901003729	TPS130-DR12Pro	12-15	10.8	130	300
901003730	TPS130-DR24Pro	24-28	5.4	130	200

Product Characteristic Curve

• Deratings



Mechanical Drawing, Terminal Block and LED Indicator



1. N,L Input Terminal for 90-264VAC
2. LED Indicator for DC-OK
3. LED Indicator for DC-LOW
4. DC-Output Terminal



This electronic device must not be disposed of in the household waste at the end of its service life. For your return, there are free collection points for electrical appliances and, if necessary, additional points of acceptance for the reuse of the devices in your area. The addresses can be obtained from your city or communal administration. If the old electrical or electronic device contains personal data, you are responsible for deleting it before you return it. Further information: www.elektrogesetz.de