



# Pfeiffer TPS Series

## Technical Specifications

Parameter	TPS 110, TPS 111	TPS 180, TPS 181
Ambient temperature	5-50 °C	5-50 °C
Protection category	IP 20	IP 20
Mains requirement: frequency (range)	50/60 Hz	50/60 Hz
Mains requirement: power consumption	130 VA	210 VA
Mains requirement: voltage (range)	115-230 (-20/+15 %) V AC	115-230 (-20/+15 %) V AC
Output voltage	24 (± 2 %) V DC	24 (± 2 %) V DC
Output current	4.6 A	7.5 A
Weight	0.7 kg	1.0 kg

Parameter	TPS 310, TPS 311	TPS 400, TPS 401
Ambient temperature	5-50 °C	5-50 °C
Protection category	IP 20	IP 20
Mains requirement: frequency (range)	50/60 Hz	50/60 Hz
Mains requirement: power consumption	340 VA	450 VA
Mains requirement: voltage (range)	115-230 (-20/+15 %) V AC	115-230 (-20/+15 %) V AC
Output voltage	24 (± 2 %) V DC	48 (± 2 %) V DC
Output current	12.5 A	8.4 A
Weight	1.1 kg	1.75 kg

Feature	Unit	TPS 100/101	TPS 150	TPS 200/201	TPS 300/301	TPS 600/601
Connection voltage	VAC	90-132 185-265	90-132 185-265	90-132 185-265	90-132 185-265	90-132 185-265
Frequency	Hz	50-60	50-60	50-60	50-60	50-60
Max. power consumption.	VA	125	170	230	330	590 900
Protection class <sup>1)</sup>		I	I	I	I	I
Output voltage	VDC	24	24	48	72	140
Continuous-/max. output current	A	4.1/4.6	5/6.2	4.1/4.6	4.1/4.6	3.8/4.4 5.8/6.6
Continuous-/max. output power	W	100/110	120/150	200/220	230/300	530/616 812/924
Permissible ambient temperature	°C	5-40	5-40	5-40	5-40	5-40
Relative humidity, max. at 35 °C	%	80	80	80	80	80
Relative humidity, max. at 40 °C	%	50	50	50	50	50
Protection class		IP 20	IP 20	IP 20	IP 20	IP 20
Fuse 5 x 20 mm	A	T2	T4	T4	T5	F10
Weight	kg	1.2	1.4	1.4	1.7	2.5



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## SALES

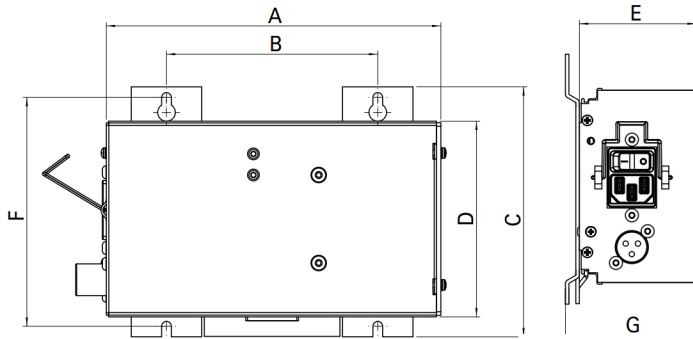
PHONE: 831-462-8900

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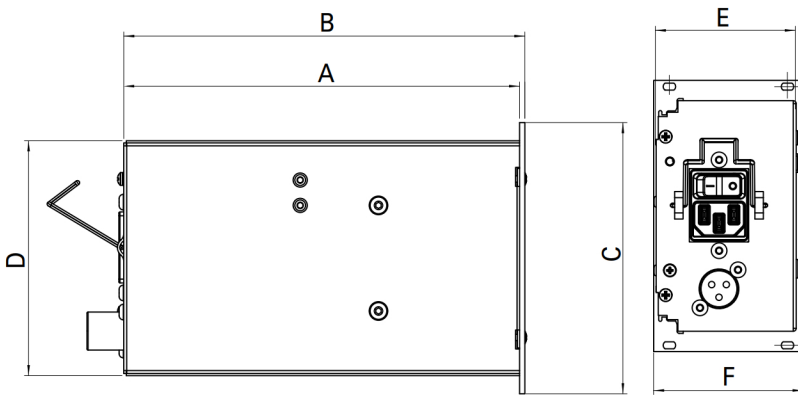
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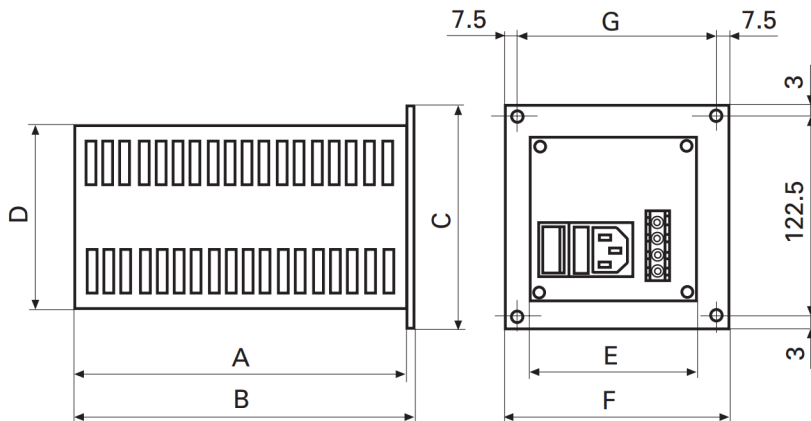
## Dimensions



Dimensions	TPS 110	TPS 180	TPS 310	TPS 400
A	169 mm	190 mm	190 mm	190 mm
B	120 mm	120 mm	120 mm	120 mm
C	142 mm	142 mm	142 mm	142 mm
D	111.2 mm	111.2 mm	111.2 mm	111.2 mm
E	48.7 mm	58.4 mm	67.3 mm	104.6 mm
F	130 mm	130 mm	130 mm	130 mm
G	56.6 mm	66.5 mm	75.3 mm	112.5 mm



Dimensions	TPS 111	TPS 181	TPS 311	TPS 401
A	161.5 mm	187.5 mm	187.5 mm	187.5 mm
B	164 mm	190 mm	190 mm	190 mm
C	128.4 mm	128.4 mm	128.4 mm	128.4 mm
D	111.2 mm	111.2 mm	111.2 mm	111.2 mm
E	48.7 mm	58.4 mm	67.3 mm	104.6 mm
F	50.5 mm	60.7 mm	70.8 mm	106.4 mm



Power unit	A	B	C	D	E	F	G
TPS 100/101	190	192,5	128,5	106	46	50,5 (10 TE) <sup>2)</sup>	35,5
TPS 150	190	192,5	128,5	106	68	70,8 (14 TE) <sup>2)</sup>	55,9
TPS 200/201	190	192,5	128,5	106	68	70,8 (14 TE) <sup>2)</sup>	55,9
TPS 300/301	190	192,5	128,5	106	105	106,3 (21 TE) <sup>2)</sup>	91,4
TPS 600/601	229	229	128,5	111	140,5	141,9 (28 TE) <sup>2)</sup>	127