

IPC 24VDC DESKTOP POWER SUPPLY

24 V DC power supply for industrial PCs



Data sheet
4032_en_C

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1 Description

120 W AC to DC adapter for use with industrial PCs. The IPC 24VDC DESKTOP POWER... allows 90 to 264 V AC power input and provides 24 V DC output. It is designed for ITE application.

1.1 Features

- Meets Energy Star EPS 2.0/ErP lot 7
- Meets DOE Level VI
- High reliability
- EMC standard: EN 55022 Class B/EN 55024 Class B
- Overcurrent protection
- Over temperature protection
- Over voltage protection
- With PFC circuit



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This document is valid for all products listed in the “[Ordering data](#)” on [page 2](#)

2 Ordering data

Products

Description	Type	Order No.	Pcs./Pkt.
24 V DC power supply equipped with Type I power cord (China)	IPC 24VDC DESKTOP POWER CHINA	1075577	1
24 V DC power supply equipped with Type E power cord (Europe)	IPC 24VDC DESKTOP POWER EU	1075578	1
24 V DC power supply equipped with Type B power cord (North America)	IPC 24VDC DESKTOP POWER US	1075579	1
24 V DC power supply without a power cord	IPC 24VDC DESKTOP POWER NO CORD	1180057	1

3 Technical data

General data

Dimensions (H x W x L)	42 x 72 x 171 mm
Temperature range, operation	0 ... 40°C
Temperature range, storage/transport	-20 ... 80°C
Relative humidity, operation	20%, non-condensing
Relative humidity, storage/transport	10%, non-condensing
Altitude, maximum	5000 m
MTBF	200,000 h typical load at 25°C ambient

Electrical data

Input voltage range	90 ... 264 V AC
Input frequency	47 ... 63 Hz
Input current	≤2.0 A
Power	120 W
Output voltage	24 V DC
Output current, maximum	5 A
No load	<0.21 W
Efficiency	≥88%

Standards

CE compliant	
FCC	
EN 55022 Class B	
EN 55024 Class B	
UL 62368-1	
CCC	

3.1 Dimensions

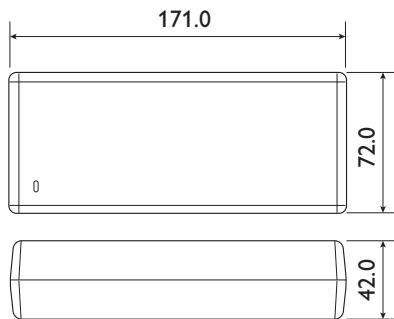


Figure 1 Dimensions

3.2 Versions

TYPE I

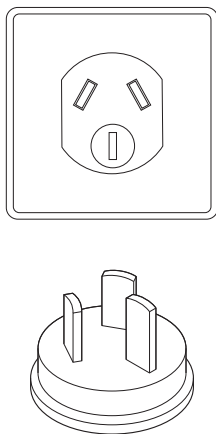


Figure 2 Chinese-market plug (Order no. 1075577)

TYPE E

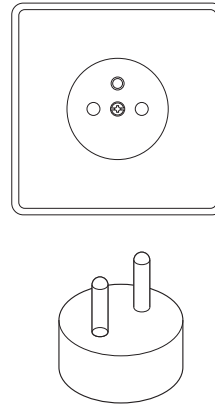


Figure 3 European-market plug (Order no. 1075578)

TYPE B

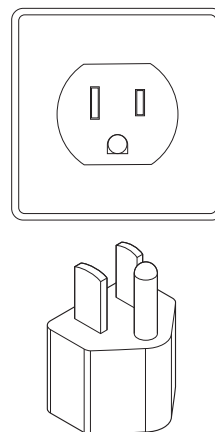


Figure 4 North America-market plug (Order no. 1075579)