

Power Supplies / Transformers

- For CCD Cameras and Other Low Power Applications
- 24 VAC & 15 VDC Secondary Output Models
- Models for 120 VAC, 230 VAC & 24 VAC Power Sources
- Isolation Transformer for 24 VAC
- Safety Agency Certified



The Philips line of Power Supplies and Transformers is primarily designed for CCD cameras. Their small size and low power requirements also make them ideal for powering many other low power security products, including many Allegiant® system accessories and control devices.

In particular, the TCI 382 isolation transformer is recommended for installations using cameras without

built-in isolation transformers. A separate power transformer should be used for each camera. If a single power transformer or other 24 VAC power source is used to power multiple cameras, the TCI 382 isolation transformer is recommended between the power transformer or the 24 VAC power source and each of the cameras.

Additionally, the RT2440SL now includes a basic surge protection feature.

SPECIFICATIONS

Model No.	Rated Input	Rated Output
RT2440SL	120 VAC, 60 Hz	24 VAC, 60 Hz, 40 VA
TC1334	120 VAC, 60 Hz	24 VAC, 60 Hz, 30 VA
TC1323	120 VAC, 60 Hz	24 VAC, 60 Hz, 10 VA
TC120PS	120 VAC, 50/60 Hz	15 VDC, 9 VA
TC220PS	220-240 VAC, 50/60 Hz	15 VDC, 9 VA
TC220PSX-24	220-240 VAC, 50/60 Hz	24 VAC, 50/60 Hz, 20 VA
TC24PS	24 to 30 VAC, 50/60 Hz	15 VDC, 9 VA
TC1382 ¹	24 VAC, 50/60 Hz	24 VAC, 50/60 Hz, 7 VA

1. Isolation transformer.

For 120 VAC Power Sources

RT2440SL

Rated Input: 120 VAC, 60 Hz.

Rated Output: 24 VAC, 60 Hz, 40 VA.

Surge Protection:

Maximum Spike Voltage: 6,000 Volts.

Maximum Spike Current: 4,500 Amps.

Connectors:

Input: 2-prong.

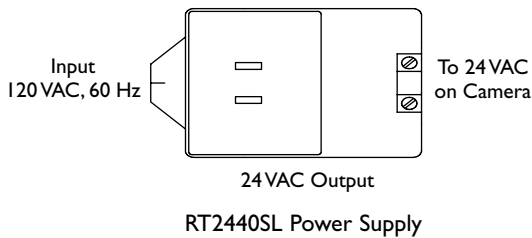
Output: 2 screw terminals.

Construction/Finish: White plastic case.

Dimensions: 66.8 W x 57.2 D x 82.6 H mm (2.63 x 2.25 x 3.25 in).

Weight: 0.65 kg (1.44 lb).

Safety: UL, cUL.



RT2440SL Power Supply

TC1334

Rated Input: 120 VAC, 60 Hz.

Rated Output: 24 VAC, 60 Hz, 30 VA.

Connectors:

Input: 2-prong.

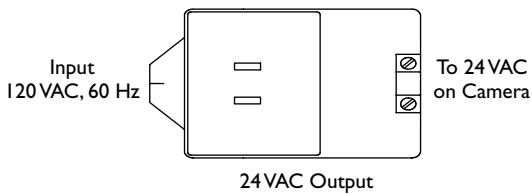
Output: 2 screw terminals.

Construction/Finish: Beige plastic case.

Dimensions: 70 W x 56.4 D x 88.9 H mm (2.75 x 2.22 x 3.5 in).

Weight: 0.62 kg (1.36 lb).

Safety: UL.



TC1334 Power Supply

TC1323

Rated Input: 120 VAC, 60 Hz.

Rated Output: 24 VAC, 60 Hz, 10 VA.

Connectors:

Input: 2-prong.

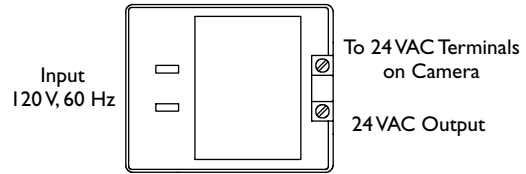
Output: 2 screw terminals.

Construction/Finish: Beige plastic case.

Dimensions: 52 W x 43 D x 62 H mm (2.0 x 1.7 x 2.4 in).

Weight: 0.24 kg (0.53 lb).

Safety: UL, CSA.



TC1323 Power Supply

TC120PS

Rated Input: 120 VAC, 50/60 Hz.

Rated Output: 15 VDC, 9 VA.

Connectors:

Input: 2-wire cord with plug, 2 m (6.5 ft).

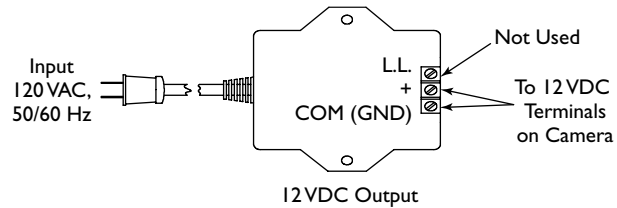
Output: Screw terminals.

Construction/Finish: Black plastic.

Dimensions: 63.5 W x 54 D x 82.6 H mm (2.5 x 2.12 x 3.25 in).

Weight: 0.65 kg (1.44 lb).

Safety: UL, CSA.



TC120PS Power Supply

For 220-240 VAC Power Sources

TC220PS

Rated Input: 220-240 VAC, 50/60 Hz.

Rated Output: 15 VDC, 9 VA.

Connectors:

Input: 2-wire cord with plug, 2 m (6.5 ft).

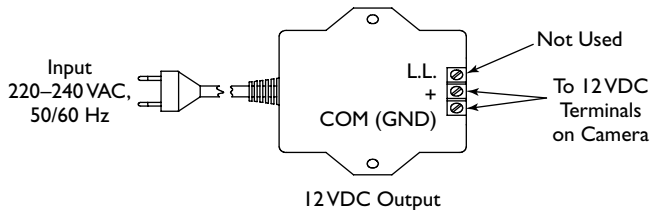
Output: Screw terminals.

Construction/Finish: Black plastic.

Dimensions: 63.5 W x 54 D x 82.6 H mm (2.5 x 2.12 x 3.25 in).

Weight: 0.60 kg (1.33 lb).

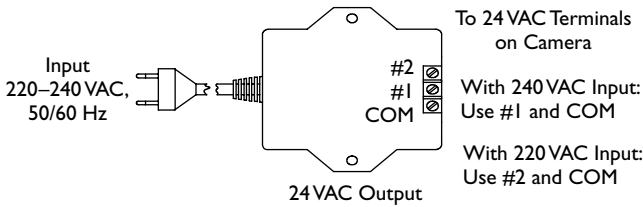
Safety: GS, CE.



TC220PS Power Supply

TC220PSX-24

Rated Input: 220–240 VAC, 50/60 Hz.
Rated Output: 24 VAC, 50/60 Hz, 20 VA.
Connectors:
 Input: 2-wire cord with plug, 2 m (6.5 ft).
 Output: Screw terminals.
Construction/Finish: Black plastic.
Dimensions: 63.5 W x 54 D x 82.6 H mm (2.5 x 2.12 x 3.25 in).
Weight: 0.78 kg (1.72 lb).
Safety: GS, CE.

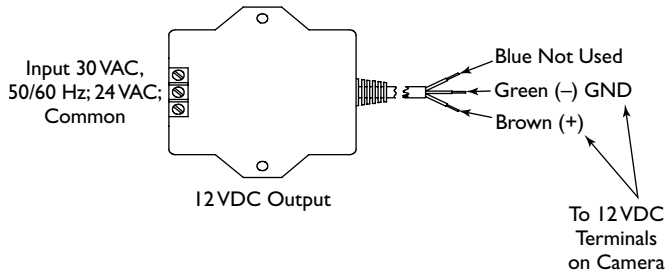


TC220PSX-24 Power Supply

For 24 VAC Power Sources

TC24PS

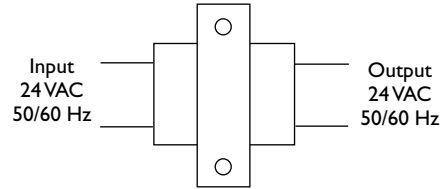
Rated Input: 24 VAC to 30 VAC, 50/60 Hz.
Rated Output: 15 VDC, 9 VA.
Connectors:
 Input: Screw terminals.
 Output: Wire leads, 3.6 m (12 ft).
Construction/Finish: Black plastic.
Dimensions: 63.5 W x 54 D x 82.6 H mm (2.5 x 2.12 x 3.25 in).
Weight: 0.73 kg (1.61 lb).



TC24PS Power Supply

TC1382 Isolation Transformer

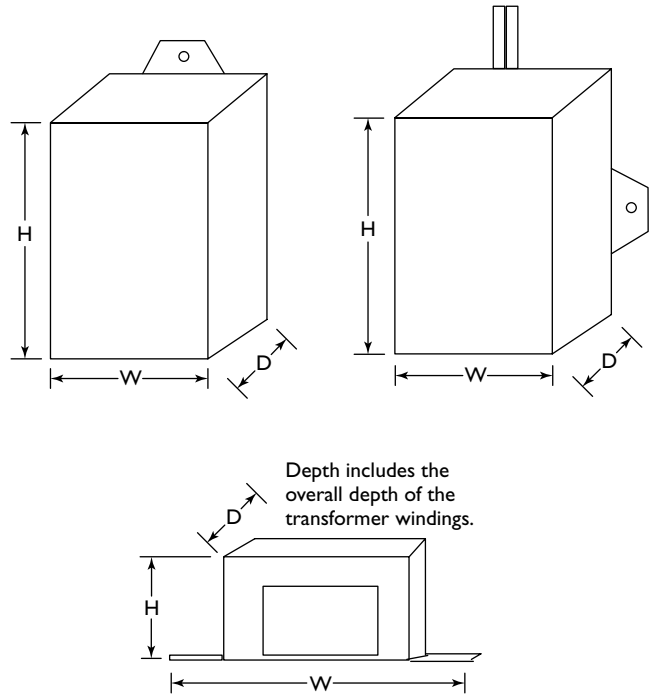
Rated Input: 24 VAC, 50/60 Hz.
Rated Output: 24 VAC, 50/60 Hz, 7 VA.
Connectors:
 Input: Black wire leads, 203 mm (8 in).
 Output: Brown wire leads, 203 mm (8 in).
Construction/Finish: Uncased.
Dimensions: 82.6 W x 51 D x 50 H mm (3.25 x 2 x 1.95 in).
Weight: 0.45 kg (1 lb).



TC1382 Isolation Transformer

Dimension Codes

Note: The dimensions specified are approximate and relate to the general diagrams shown below.



9498 961 12113 01-43
Printed In U.S.A.

© 2001 Philips Electronics N.V.
© 2001 Philips Communication, Security & Imaging, Inc.
All Rights Reserved. Philips ® is a registered trademark of
Philips Electronics N.V.
Data subject to change without notice



PHILIPS

Let's make things better.