



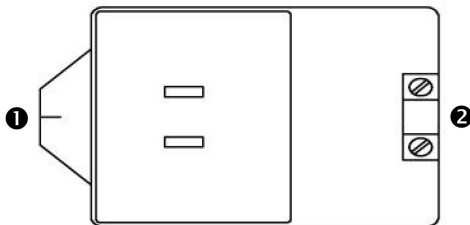
## Power Supplies/Transformers



- ▶ For CCD cameras and other low power applications
- ▶ 24 VAC, 15 VDC and 12 VDC secondary output models
- ▶ Models for 120 VAC, 230 VAC and 24 VAC power sources
- ▶ Isolation transformer for 24 VAC
- ▶ Safety agency certified

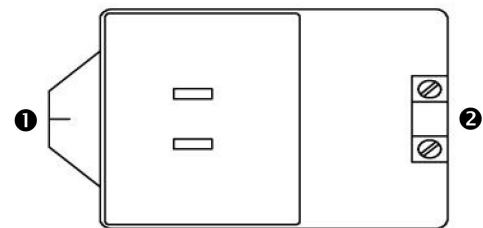
The Bosch line of Power Supplies and Transformers is primarily designed for CCD cameras. Their small size and low power requirements also make them ideal for powering many other low power security products, including many Allegiant® system accessories and control devices.

### Installation/Configuration Notes



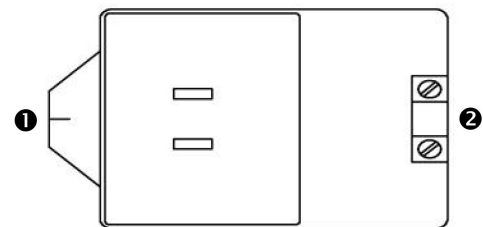
*RT2440SL Power Supply*

- 1 Input 120 VAC, 60 Hz
- 2 To 24 VAC on Camera



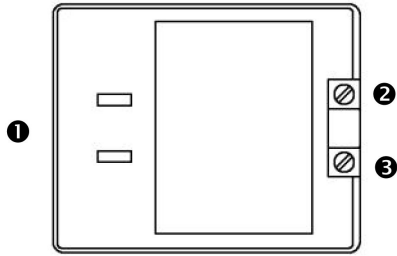
*TC1334 Power Supply*

- 1 Input 120 VAC, 60 Hz
- 2 To 24 VAC on Camera



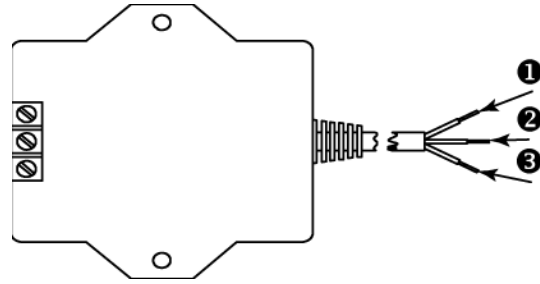
*RTD12/3RT Power Supply (for CAM940x cameras)*

- 1 Input 120 VAC, 60 Hz
- 2 To 12 VDC Regulated on Camera



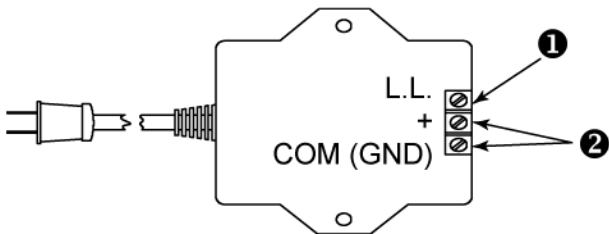
TC1323 Power Supply

- 1 Input 120 VAC, 60 Hz
- 2 To 24 VAC Terminals on Camera
- 3 24 VAC Output



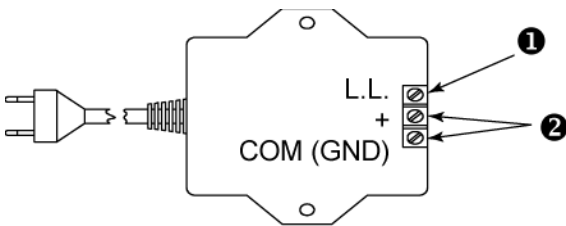
TC24PS Power Supply

- 1 Blue Not Used
- 2 Green (-) GND To 15 VDC Terminals on Camera
- 3 Brown (+) To 15 VDC Terminals on Camera



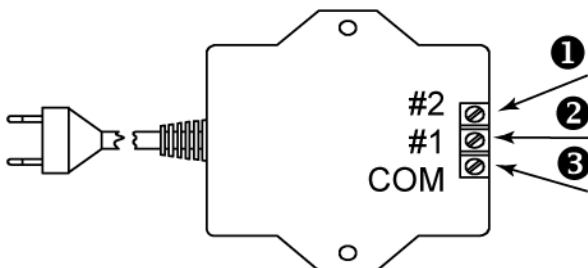
TC120PS Power Supply

- 1 Not used
- 2 To 15 VDC Terminals on Cameras



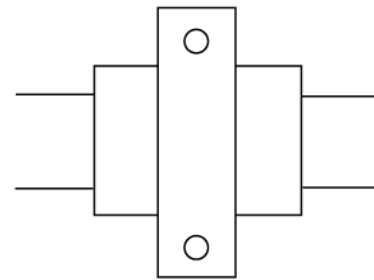
TC220PS Power Supply

- 1 Not Used
- 2 To 15 VDC Terminals on Cameras

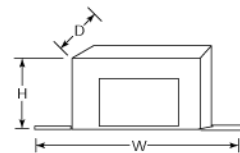
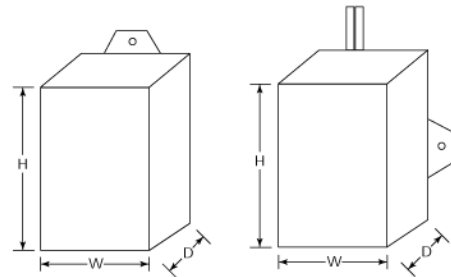


TC220PSX-24 Power Supply

- 1 To 24 VAC Terminals on Camera
- 2 With 240 VAC Input: Use #1 and COM
- 3 With 220 VAC Input: Use #2 and COM



TC1382 Isolation Transformer



Dimensions Codes

**Note** The Dimension specified are approximate and relate to the general diagrams shown above

## Technical 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
RTD12/3RT	120 VAC 60 Hz	12 VDC regulated 300 mA
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	24–30 VAC 50/60 Hz	15 VDC, 9 VA
TC1382 <sup>1</sup>	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	Two (2)
Output	Two (2) screw terminals
Construction/Finish	White plastic case
Dimensions (W x D x H)	66.8 x 57.2 x 82.6 mm (2.63 x 2.25 x 3.25 in.)
Weight	0.65 kg (1.44 lb)
Safety	UL, cUL

#### TC1334

Rated Input	120 VAC, 60 Hz
Rated Output	24 VAC, 60 Hz, 30 VA
Connectors:	
Input	2-prong
Output	Two (2) screw terminals
Construction/Finish	Beige plastic case
Dimensions (W x D x H)	70 x 56.4 x 88.9 mm (2.75 x 2.22 x 3. in.)
Weight	0.62 kg (1.36 lb)
Safety	UL

#### RTD12/3RT

Rated Input	120 VAC, 60 Hz
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Rated Output	12 VDC regulated, 300 mA
LED Indicator	Supervises power
Connectors	2-prong input, 2 screw terminals for output
Construction	Plastic case with built-in strain relief
Finish	White
Dimensions (W x D x H)	50.8 x 41.4 x 65.0 mm (2.0 x 1.63 x 2.56 in.)
Weight	0.23 kg (0.5 lb)
Product Safety	UL, cUL

#### TC1323

Rated Input	120 VAC, 60 Hz
Rated Output	24 VAC, 60 Hz, 10 VA
Connectors:	
Input	2-prong
Output	Two (2) screw terminals
Construction/Finish	Beige plastic case
Dimensions (W x D x H)	52 x 43 x 62 mm (2.0 x 1.7 x 2.4 in.)
Weight	0.24 kg (0.53 lb)
Safety	UL, CSA

#### 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 (W x D x H)	63.5 x 54 x 82.6 mm (2.5 x 2.12 x 3.25 in.)
Weight	0.65 kg (1.44 lb)
Safety	UL, CSA

### 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 (W x D x H)	63.5 x 54 x 82.6 mm (2.5 x 2.12 x 3.25 in.)
Weight	0.60 kg (1.33 lb)
Safety	GS, CE

#### 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 (W x D x H)	63.5 x 54 x 82.6 mm (2.5 x 2.12 x 3.25 in.)
Weight	0.78 kg (1.72 lb)
Safety	GS, CE

### 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 (W x D x H)	63.5 x 54 x 82.6 mm (2.5 x 2.12 x 3.25 in.)
Weight	0.73 kg (1.61 lb)

#### 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 (W x D x H)	82.6 x 51 x 50 mm (3.25 x 2 x 1.95 in.)
Weight	0.45 kg (1 lb)

### Ordering Information

#### Model | Description

TC1382 Isolation Transformer  
24 VAC

### Ordering Information

#### Model | Description

RTD12/3RT Power Supply Unit 120 VAC, 60 Hz, 12 VDC (regulated)
RT2440SL Power Supply Unit 120 VAC/24 VAC, 60 Hz, 40 VA
TC1323 Power Supply Unit 120 VAC, 60 Hz, 24 VAC, 60 Hz, 10 VA
TC1334 Power Supply Unit 120 VAC/24 VAC, 60 Hz, 30 VA
TC120PS Power Supply Unit 110-120 VAC/15 VDC, 50/60 Hz, 300 mA
TC220PS Power Supply Unit 230 VAC/15 VDC, 50 Hz, 10 VA
TC220PSX-24 Power Supply Unit 230 VAC/20 VAC, 50 Hz, 20 VA
TC24PS Power Supply Unit 24 VAC/15 VDC, 50/60 Hz, 9 VA

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