

# INTERNATIONAL



## *INTERNATIONAL ADAPTERS AND TRANSFORMERS*




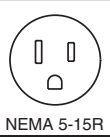
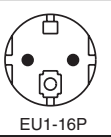


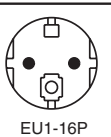

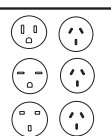

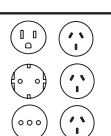

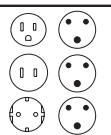

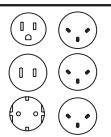

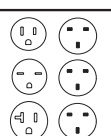
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# INTERNATIONAL ADAPTERS

## 2 Pole 3 Wire Grounding

### American to European

	Receptacle End	Plug End	Cat. No.	Description
	 NEMA 5-15R	 EU1-16P	30110	Allows NEMA 5-15P and NEMA 1-15P (15 ampere 125 volt) plugs to interface with European "SCHUKO" CEE-7 EU1-16R and French/Belgian FR1-16R receptacles. Rated 16 ampere 250 volt.
	 NEMA 6-15R	 EU1-16P	30100	Allows NEMA 6-15P (15 ampere 250 volt) plugs to interface with European "SCHUKO" CEE-7 EU1-16R and French/Belgian FR1-16R receptacles. Rated 16 ampere 250 volt.
	NEMA 5-15R NEMA 6-15R	 UK1-13R	30200	Allows NEMA 5-15P and NEMA 1-15P (15 ampere 125 volt), NEMA 6-15P (15 ampere 250 volt), United Kingdom BS 1363A (13 ampere 250 volt) plugs to interface with Australian receptacles AU1-10R (10 ampere 250 volt) and AU2-15R (15 ampere 250 volt). Also mates with Chinese CH1-10R (10 ampere 250 volt) receptacle. Note: Mates with Argentine AR1-10R (10 ampere 250 volt) receptacles except reverse polarity possible.
	NEMA 5-15R EU1-16R IT1-10R SW1-10R		30220	Allows NEMA 5-15P (molded on plugs), European "SCHUKO" CEE-7 and CEE 7-7, Italian IT1-10P and Swiss SW1-10P plugs to interface with Australian receptacles AU1-10R (10 ampere 250 volt) and AU2-15R (15 ampere 250 volt). Also mates with Chinese CH1-10R (10 ampere 250) volt receptacle. Note: Mates with Argentine AR1-10R (10 ampere 250 volt) receptacles except reverse polarity possible.
	NEMA 5-15R NEMA 1-15P EU1-16R SW1-10R IT1-10R EUROPLUG		30195	Allows NEMA 1-15P, NEMA 5-15P (molded on plugs), EU1-16P "SCHUKO", Swiss SW1-10P, Italian IT1-10P and Europlug plugs to interface with United Kingdom, Indian and South African UK2-15R (15 ampere 250 volt) outlets.
	NEMA 5-15R NEMA 1-15P EU1-16R SW1-10R IT1-10R EUROPLUG		30295	Allows NEMA 1-15P, NEMA 5-15P (molded on plugs), EU1-16P "SCHUKO", Swiss SW1-10P, Italian IT1-10P and Europlug plugs to interface with Israeli IS1-16R (16 ampere 250) volt outlets.
	NEMA 5-15R NEMA 6-15R NEMA 5-20R NEMA 6-20R		30260	Allows NEMA 1-15P, NEMA 5-15P, NEMA 6-15P, NEMA 5-20P and NEMA 6-20P plugs to interface with United Kingdom UK1-13R outlets.

**NOTE:**


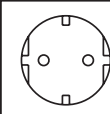


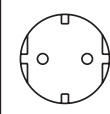


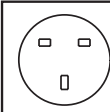


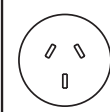











1. Catalog Nos. 30110 and 30100 can be interfaced with adapter Nos. 30140, 30150, 30160 and 30170 for use with U.K., Italian and Swiss receptacles.
2. Use only on equipment designed for operation at 250 volts.
3. See pages 218-220 for dimensional data drawings.



# INTERNATIONAL ADAPTERS

## 2 Pole 3 Wire Grounding

### European to American

	Receptacle End	Plug End	Cat. No.	Description
	 EU1-16R	 NEMA 5-15P	30130	Allows European "SCHUKO" CEE-7 and CEE 7-7 EU1-16P (16 ampere 250 volt) plugs to interface with NEMA 5-15R receptacles rated 15 ampere 125 volt.
	 EU1-16R	 NEMA 6-15P	30120	Allows European "SCHUKO" CEE-7 and CEE 7-7 EU1-16P (16 ampere 250 volt) plugs to interface with NEMA 6-15R receptacles rated 15 ampere 250 volt.
	 UK1-13R	 NEMA 5-15P	30180	Allows United Kingdom BS1363A UK1-13P (13 ampere 250 volt) plugs to interface with NEMA 5-15R receptacles rated 15 ampere 125 volt.
	 AU1-10R	 NEMA 5-15P	30210	Allows Australian AU1-10P, Argentine AR1-10P and Chinese CH1-10P (10 ampere 250 volt) plugs to interface with NEMA 5-15R receptacles rated 15 ampere 125 volt.
	NEMA 6-15R  NEMA 5-20R  NEMA 6-20R  UK1-13R  SW1-10R  IT1-10R  IS1-16R  DE1-13R 	 NEMA 5-15P	30250	Allows NEMA 6-15P, 5-20P, 6-20P, UK1-13P, UK3-5P, SW1-10P, IT1-10P, IS1-16P and DE1-13P plugs to interface with NEMA 5-15R receptacles.

#### NOTES:


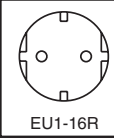


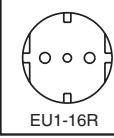
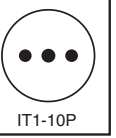

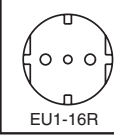
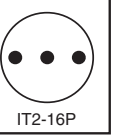

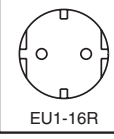
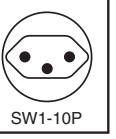

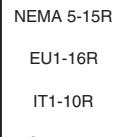
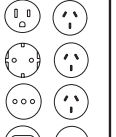

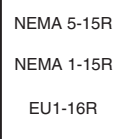
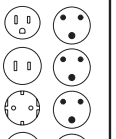

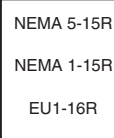
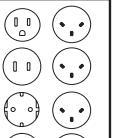
1. Adapters Nos. 30130, 30180, 30210 and 30250 are recommended for use only on equipment designed for operation at 125 volts.
2. Adapters often have a different rating on the blade (plug) end and the receptacle end. Caution should be exercised in their use.
3. The over current protection is determined by the plug end.
4. The use of the adapter should be limited to the rating of the adapter.
5. See pages 218-220 for dimensional data drawings.



# INTERNATIONAL ADAPTERS

## 2 Pole 3 Wire Grounding

### European "SCHUKO" to European

	Receptacle End	Plug End	Cat. No.	Description
			30140	Allows European "SCHUKO" CEE-7 and CEE 7-7 EU1-16P (16 ampere 250 volt) plugs to interface with United Kingdom BS1363 UK1-13R receptacles rated 13 ampere 250 volt. Adapter has replaceable fuse.
			30150	Allows European "SCHUKO" CEE-7 and CEE 7-7 EU1-16P (16 ampere 250 volt) plugs to interface with Italian IT1-10R receptacles rated 10 ampere 250 volt. <b>NOTE:</b> 10 ampere 250 volt receptacles are predominant in Italy.
			30160	Allows European "SCHUKO" CEE-7 and CEE 7-7 EU1-16P (16 ampere 250 volt) or Italian IT1-10P (10 ampere 250 volt) plugs to interface with Italian IT2-16R receptacles rated 16 ampere 250 volt.
			30170	Allows European "SCHUKO" CEE-7 and CEE 7-7 EU1-16P (16 ampere 250 volt) plugs to interface with Swiss SW1-10R receptacles rated 10 ampere 250 volt and SW2-16R receptacles rated 16 ampere 250 volts.
			30220	Allows NEMA 5-15P (molded on plugs), European "SCHUKO" CEE-7 and CEE 7-7, Italian IT1-10P and Swiss SW1-10P plugs to interface with Australian AU1-10R receptacles rated 10 ampere 250 volt and AU2-15R receptacles rated 15 ampere 250 volt. Also mates with Chinese CH1-10R 10 ampere 250 volt receptacle. <b>NOTE:</b> Mates with Argentine AR1-10R 10 ampere 250 volt receptacles. Reverse polarity may exist.
			30195	Allows NEMA 1-15P, NEMA 5-15P (molded on plugs), EU1-16P "SCHUKO", Swiss SW1-10P, Italian IT1-10P and Europlug plugs to interface with United Kingdom, Indian and South African UK2-15R 15 ampere 250 volt outlets.
			30295	Allows NEMA 1-15P, NEMA 5-15P (molded on plugs), EU1-16P "SCHUKO", Swiss SW1-10P, Italian IT1-10P and Europlug plugs to interface with Israeli IS1-16R 16 ampere 250 volt outlets.


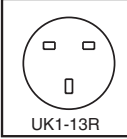
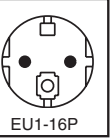

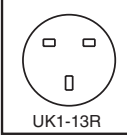
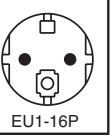

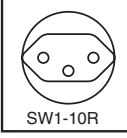
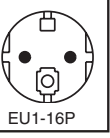

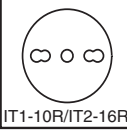
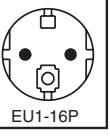

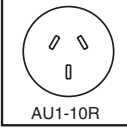
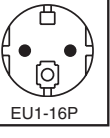

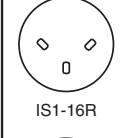
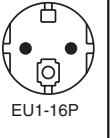


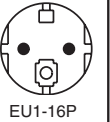
**NOTES:**

1. Adapters often have a different rating on the blade (plug) end and the receptacle end. Caution should be exercised in their use.
2. The over current protection is determined by the plug end.
3. The use of the adapter should be limited to the rating of the adapter.
4. See pages 218-220 for dimensional data drawings.



## INTERNATIONAL ADAPTERS 2 Pole 3 Wire Grounding

### European to European "SCHUKO"

	Receptacle End	Plug End	Cat. No.	Description
			30181	Allows United Kingdom BS1363A UK1-13P (13 ampere 250 volt) plugs to interface with European "SCHUKO" CEE-7 EU1-16R and French FR1-16R receptacles rated 16 ampere 250 volt. <b>Pin diameter is 4.8 mm.</b>
			30182	Allows United Kingdom BS1363A UK1-13P(13 ampere 250 volt) plug to interface with European "SCHUKO" CEE-7 EU1-16R and French FR1-16R receptacles rated 16 ampere 250 volt. <b>Pin diameter is 4.0 mm.</b>
			30190	Allows Swiss SW1-10P (10 ampere 250 volt) plugs to interface with European "SCHUKO" CEE-7 EU1-16R and French FR1-16R receptacles rated 16 ampere 250 volt. <b>Pin diameter is 4.8 mm.</b>
			30230	Allows Italian IT1-10P (10 ampere 250 volt) and IT2-16P (16 ampere 250 volt) plugs to interface with European "SCHUKO" CEE-7 EU1-16R and French FR1-16R receptacles rated 16 ampere 250 volt. <b>Pin diameter is 4.8 mm.</b>
			30240	Allows Australian AU1-10P (10 ampere 250 volt), Chinese CH1-10P (10 ampere 250 volt) and Argentine AR1-10P (10 ampere 250 volt) plugs to interface with European "SCHUKO" CEE-7 EU1-16R and French FR1-16R receptacles rated 16 ampere 250 volt. <b>Pin diameter is 4.0 mm.</b>
			30225	Allows Israeli IS1-16P (16 ampere 250 volt) and United Kingdom UK3-5P (5 ampere 250 volt) plugs to interface with European "SCHUKO" CEE-7 EU1-16R and French FR1-16R receptacles rated 16 ampere 250 volt. <b>Pin diameter is 4.8 mm.</b>
				

#### NOTES:

1. Adapters often have a different rating on the blade (plug) end and the receptacle end. Caution should be exercised in their use.
2. The over current protection is determined by the plug end.
3. The use of the adapter should be limited to the rating of the adapter.
4. See pages 219 and 220 for dimensional data drawings.


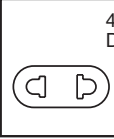
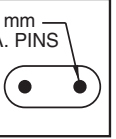


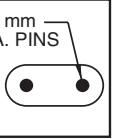

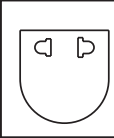
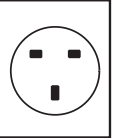

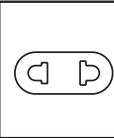
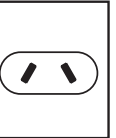

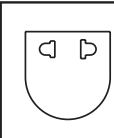
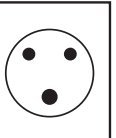






## INTERNATIONAL ADAPTERS

### 2 Pole 2 Wire

#### American to European

	Receptacle End	Plug End	Cat. No.	Description
			30300	Allows NEMA 5-15P and NEMA 1-15P (15 amp 125 volt) plugs and European plugs with 4.8 mm diameter pins to interface with almost all European 250 volt <b>4.0 mm and 4.8 mm</b> round pin receptacles. Also mates with Israeli receptacles. White.
			30301	Allows NEMA 5-15P and NEMA 1-15P (15 amp 125 volt) plugs and European plugs with 4.8 mm diameter pins to interface with only European 250 volt <b>4.8 mm</b> diameter round pin receptacles. White.
			30320	Allows NEMA 5-15P, NEMA 1-15P (15 amp 125 volt) and European 4.0 mm/4.8 mm round pin plugs to interface with United Kingdom 250 volt BS1363 receptacles. Black.
			30330	Allows NEMA 5-15P, NEMA 1-15P (15 amp 125 volt) and European 4.0 mm/4.8 mm round pin plugs to interface with Australian 250 volt receptacles. Also mates with Chinese and Argentine receptacles. White.
			30360	Allows NEMA 5-15P, NEMA 1-15P (15 amp 125 volt) and European 4.0 mm/4.8 mm round pin plugs to interface with UK2-15R South African and Indian 15 amp/16 amp 250 volt receptacles. Black.
			30375	Six adapter kit with travel pouch. Kit includes Nos. 30300, 30320, 30330, 30340, 2-wire adapter for UK3-5R (old style United Kingdom 5 amp receptacles) and an adapter for "SCHUKO" type 4.8 mm round pin 2-wire outlets. Boxed for retail display.
			30375-G	Grounding adapter kit includes seven adapters. Kit includes Catalog Nos. 30110, 30140, 30150, 30170, 30220, 30195 and 30295. Allows NEMA 5-15P and NEMA 1-15P plugs to mate with European "SCHUKO" CEE-7, United Kingdom, Italian, Swiss, Australian, Chinese, South African, Indian, Argentine and Israeli receptacles.


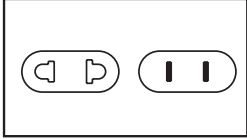


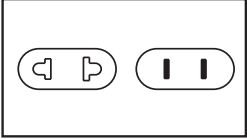


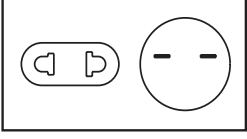


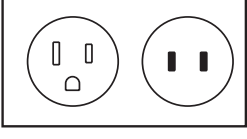


#### NOTE:

1. Designed for appliances that do not require grounding.
2. Use only on equipment designed for operation at 250 volts.
3. Adapters often have a different rating on the blade (plug) end and the receptacle end. Caution should be exercised in their use.
4. The over current protection is determined by the plug end.
5. The use of the adapter should be limited to the rating of the adapter.
6. See pages 220 and 221 for dimensional data drawings.



## INTERNATIONAL ADAPTERS 2 Pole 2 Wire

### European to American

	Receptacle End	Plug End	Cat. No.	Description
			30340	Allows European 250 volt 2 wire plugs with <b>4.8 mm pins</b> and some 3 wire round pin plugs to interface with NEMA 5-15R, 1-15R (15 amp 125 volt), 5-20R (20 amp 125 volt) receptacles. Also allows polarized (wide blade American) plugs to interface with non-polarized receptacles. Designed for appliances that do not require grounding.
			30340-A	Allows European 250 volt 2 wire plugs with <b>4.0 mm pins</b> and some 3 wire round pin plugs to interface with NEMA 5-15R, 1-15R (15 amp 125 volt), 5-20R (20 amp 125 volt) receptacles. Also allows polarized (wide blade American) plugs to interface with non-polarized receptacles. Designed for appliances that do not require grounding.
			30350	Allows European 250 volt 2 wire plugs with 4.0 mm / 4.8 mm pins and some 3 wire round pin plugs to interface with NEMA 6-15R (15 ampere 250 volt) and 6-20R (20 ampere 250 volt) receptacles. Designed for appliances that do not require grounding.
			30500	Allows NEMA 5-15P and NEMA 1-15P (15 ampere 125 volt) polarized plugs to interface with American or Japanese 2 wire non-polarized receptacles. 6" grounding lead wire with spade terminal provided.  mark approval. <b>NOTE: See page 221 for dimensional data drawings.</b>

**NOTE:** Adapters often have a different rating on the blade (plug) end and the receptacle end. Caution should be exercised in their use.

1. The over current protection is determined by the plug end.
2. The use of the adapter should be limited to the rating of the adapter.

**Step-Down Auto Transformers. See Page 124**

**Designer Line Auto Transformers. See Page 125**

**Small Appliance Step-Down Auto Transformers. See Page 125**



# INTERNATIONAL IEC 60320 C-13 ADAPTERS

## 2 Pole 3 Wire Grounding

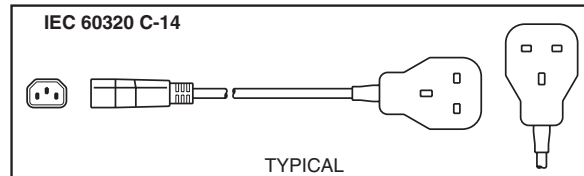
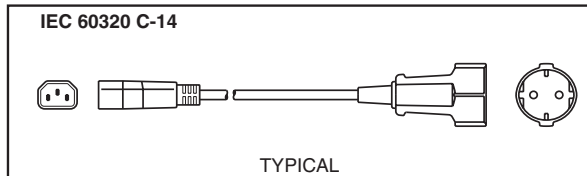


IEC 60320 C-14

For Computers and Electronic Equipment - Converts European Plugs,  
NEMA Plugs, IEC 60320 C-5 and C-7 Plugs to IEC 60320 C-13 Outlets

### Connector Style "A" (Straight)

### Connector Style "B" (Angled)



### General Specification Data (Int'l.)

**Rating:** 10 Ampere 250 Volt  
**International Cord Spec.:** H05VV-F3G 1.0mm<sup>2</sup>  
**Cord Set Length:** 12"

**Material:** PVC, Jacket Color Black  
**Conductor Color Code:** Brown, Blue, Green/Yellow

PLUG CONFIG.	PLUG ID.	PLUG STANDARD	CONNECTOR CONFIG.	CONN. ID.	CONNECTOR STANDARD	CONN. STYLE	CATALOG NUMBER
	C-14	IEC 60320		EU1-16R	CEE 7	"A"	30600 <sup>(1)</sup>
	C-14	IEC 60320		FR1-16R	CEE 7 Variation	"A"	30605
	C-14	IEC 60320		UK1-13R	BS 1363A	"B"	30610
	C-14	IEC 60320		UK2-15R	BS 546A	"B"	30620
	C-14	IEC 60320		AU2-15R	AS / NZS 3112	"A"	30630
	C-14	IEC 60320		SW1-10R	SEV 1011	"A"	30640
	C-14	IEC 60320		IT2-16R	CEI 23-16	"A"	30650 <sup>(1)</sup>
	C-14	IEC 60320		DE1-10R	AST 107	"A"	30660
	C-14	IEC 60320		IS1-16R	SI 32	"B"	30670
	C-14	IEC 60320		AR1-10R	AS/NZS 3112	"A"	30635 <sup>(2)</sup>
	C-14	IEC 60320		CH1-10R	AS/NZS 3112	"A"	30630
	C-14	IEC 60320		IEC 60320	C-5	"A"	90040
	C-18	IEC 60320		IEC 60320	C-7	"A"	90060 <sup>(3)</sup>
	C-14	IEC 60320		NEMA 5-15R	UL 498	"A"	30680 <sup>(4)(5)</sup>
	C-14	IEC 60320		NEMA 6-15R	UL 498	"A"	30690 <sup>(5)</sup>
	C-14	IEC 60320		NEMA L5-15R	UL 498	"A"	30685 <sup>(4)(6)</sup>
	C-14	IEC 60320		NEMA L6-15R	UL 498	"A"	30695 <sup>(6)</sup>

- (1) Non-polarized configuration
- (2) Argentine connector has the same configuration as the Australian/Chinese type of socket, except the line and neutral conductors are reversed.
- (3) Non-grounding 2 pole 2 wire
- (4) Use **only** with equipment designed for switching from 250 volts to 125 volts
- (5) 3 x 16 AWG conductors, SJT, 13 Ampere
- (6) 3 x 14 AWG conductors, SJT, 15 Ampere





# INTERNATIONAL IEC 60320 C-19 ADAPTERS

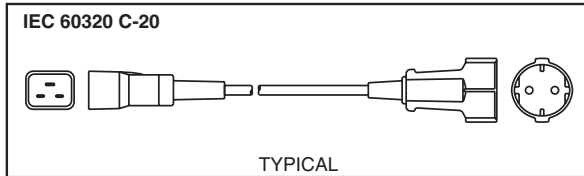
## 2 Pole 3 Wire Grounding



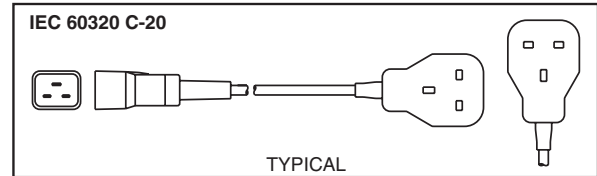
IEC 60320 C-20

For Computers and Electronic Equipment - Converts European and NEMA Plugs to IEC 60320 C-19 Outlets

### Connector Style "A" (Straight)



### Connector Style "B" (Angled)



### General Specification Data

**Rating:** 15 Ampere 125 Volt, 15 Ampere 250 Volt, 10 Ampere 250 Volt, 20 Ampere 125 Volt, 20 Ampere 250 Volt

**Cord Specifications:** SJT, 14/3 AWG, 12/3 AWG

**Cord Set Length:** 12"

**Material:** PVC, Jacket Color Black

**Conductor Color Code:** Black, White, Green

PLUG CONFIG.	PLUG ID.	PLUG STANDARD	CONNECTOR CONFIG.	CONN. ID.	CONNECTOR STANDARD	CONN. STYLE	CATALOG NUMBER
	C-20	IEC 60320		EU1-16R	CEE 7	"A"	31600 <sup>(1)(4)</sup>
	C-20	IEC 60320		FR1-16R	CEE 7 Variation	"A"	31605 <sup>(4)</sup>
	C-20	IEC 60320		UK1-13R	BS 1363A	"B"	31610 <sup>(4)</sup>
	C-20	IEC 60320		UK2-15R	BS 546A	"B"	31620 <sup>(4)</sup>
	C-20	IEC 60320		AU2-15R	AS / NZS 3112	"A"	31630 <sup>(4)</sup>
	C-20	IEC 60320		SW1-10R	SEV 1011	"A"	31640 <sup>(4)</sup>
	C-20	IEC 60320		IT2-16R	CEI 23-16	"A"	31650 <sup>(1)(4)</sup>
	C-20	IEC 60320		DE1-10R	AST 107	"A"	31660 <sup>(4)</sup>
	C-20	IEC 60320		IS1-16R	SI 32	"B"	31670 <sup>(4)</sup>
	C-20	IEC 60320		AR1-10R	AS/NZS 3112	"A"	31635 <sup>(2)(4)</sup>
	C-20	IEC 60320		CH1-10R	AS/NZS 3112	"A"	31630 <sup>(4)</sup>
	C-20	IEC 60320		NEMA 5-15R	UL 498	"A"	31680 <sup>(3)(4)</sup>
	C-20	IEC 60320		NEMA 6-15R	UL 498	"A"	31690 <sup>(4)</sup>
	C-20	IEC 60320		NEMA L5-15R	UL 498	"A"	31685 <sup>(3)(4)</sup>
	C-20	IEC 60320		NEMA L6-15R	UL 498	"A"	31695 <sup>(4)</sup>
	C-20	IEC 60320		NEMA 5-20R	UL 498	"A"	31700 <sup>(3)(5)</sup>
	C-20	IEC 60320		NEMA 6-20R	UL 498	"A"	31705 <sup>(5)</sup>
	C-20	IEC 60320		NEMA L5-20R	UL 498	"A"	31710 <sup>(3)(5)</sup>
	C-20	IEC 60320		NEMA L6-20R	UL 498	"A"	31715 <sup>(5)</sup>

(1) Non-polarized configuration

(2) Argentine connector has the same configuration as the Australian/Chinese type of socket, except the line and neutral conductors are reversed.

(3) Use **only** with equipment designed for switching from 250 volts to 125 volts

(4) 14/3 AWG SJT

(5) 12/3 AWG SJT



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## INTERNATIONAL STEP-DOWN AUTO TRANSFORMERS - CONTINUOUS DUTY 220/240 Volt Input - 110/120 Volt Output 50/60 Hertz

Convert American Appliances And Equipment For Use On Foreign Voltages

These step-down transformers are supplied with European "SCHUKO" CEE 7-7 plugs and NEMA 5-15R (15 ampere 125 volt) receptacles. Adapters can be used to convert the line cord plug to other foreign receptacles or the plug can be removed and replaced with the appropriate foreign plug. Auto transformers change voltage levels only and not frequency (Hertz).

### SELECTING THE CORRECT SIZE AUTO TRANSFORMER

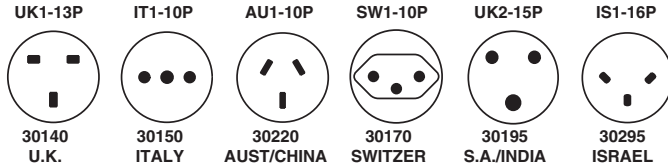
Determine equipment ampere usage then multiply amperes by the equipment's operational voltage which equals watts(VA).

EXAMPLE 3.6 amperes x 120 volts = 432 watts  
Select a 500 watt or larger transformer for this requirement.

Auto transformers change voltage levels and not frequency from 50 to 60 cycle (hertz) or vice versa. Appliances using synchronous motors should have the motor designed for the specific frequency if motor speed is critical for proper operation of the appliance or equipment. **NOT** recommended for use with refrigerators. Contact sales office for refrigeration type transformers.

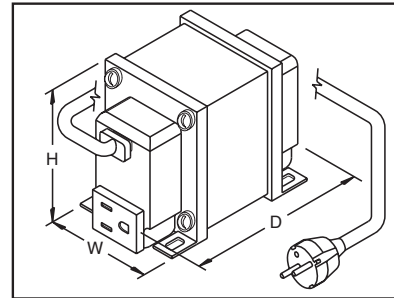
**NOTE:** When using a transformer with more than one appliance at a time, the total wattage of all appliances used together should not exceed the maximum rated watts of the transformer.

**ADAPTER OPTIONS:** Use these adapters to convert the "SCHUKO" CEE 7-7 power supply cord plug to a different plug configuration.



### USE AMERICAN 120 VOLT APPLIANCES IN EUROPE

CATALOG NUMBER	WATTS (VA)	WEIGHT (LBS.)	DIMENSIONS		
			H	W	D
32010-EU	100	2.5	3 1/8"	2 5/8"	3 3/8"
32015-EU	150	3.3	3 1/8"	2 5/8"	3 3/4"
32020-EU	200	3.8	3 1/8"	2 5/8"	4 1/4"
32025-EU	250	4.5	3 1/8"	2 5/8"	4 5/8"
32030-EU	300	4.5	3 1/8"	2 5/8"	4 5/8"
32035-EU	350	6.7	4 5/8"	3 7/8"	4 1/8"
32050-EU	500	8.7	4 5/8"	3 7/8"	4 3/4"
32075-EU	750	12.4	4 5/8"	3 7/8"	5 5/8"
32100-EU	1000	13.7	4 5/8"	3 7/8"	6"
32150-EU	1500	18.2	4 5/8"	3 7/8"	7 1/8"
32200-EU	2000	24.2	6"	4 3/8"	6 1/2"
32250-EU	2500	36.0	6 3/8"	5 3/8"	7 5/8"



Transformers equipped with 6 foot power cord and "SCHUKO" CEE 7-7 plug.

## INTERNATIONAL STEP-UP AUTO TRANSFORMERS - CONTINUOUS DUTY 110/115 Volt Input - 220/240 Volt Output 50/60 Hertz

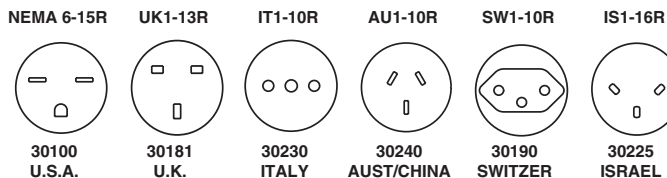
Convert European Appliances And Equipment For Use On American Voltages

These step-up transformers are supplied with European "SCHUKO" CEE 7 receptacles and NEMA 5-15P (15 ampere 125 volt) plugs. Adapters can be used to convert the "SCHUKO" receptacle to various foreign receptacle configurations. Auto transformers change voltage levels only and not frequency (Hertz). **NOT** recommended for use with refrigerators.

Transformers are equipped with 6 foot power cord and U.S.A. NEMA 5-15 plug.

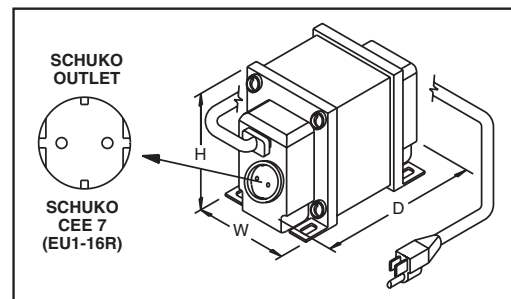
**NOTE:** When using a transformer with more than one appliance at a time, the total wattage of all appliances used together should not exceed the maximum rated watts of the transformer.

**ADAPTER OPTIONS** Use these adapters to convert the "SCHUKO" receptacle to a different receptacle configuration.



### USE EUROPEAN 230 VOLT APPLIANCES IN U.S.A.

CATALOG NUMBER	WATTS (VA)	NOMINAL AMPS	WEIGHT (LBS.)	DIMENSIONS		
				H	W	D
32025-SUS	250	1.1	6	4 1/2"	3 3/4"	4 3/8"
32035-SUS	350	1.5	7	4 1/2"	3 3/4"	4 5/8"
32050-SUS	500	2.1	8	4 1/2"	3 3/4"	4 7/8"
32075-SUS	750	3.2	12.5	4 1/2"	3 3/4"	5 3/4"
32100-SUS	1000	4.3	14.5	4 1/2"	3 3/4"	6 1/8"
32150-SUS	1500	6.5	19	4 1/2"	3 3/4"	7 1/4"
32200-SUS	2000	8.7	25	4 1/2"	3 3/4"	7 1/4"



# INTERNATIONAL STEP-DOWN AUTO TRANSFORMERS - CONTINUOUS DUTY 220/240 Volt Input - 110/120 Volt Output 50/60 Hertz

Convert American Appliances And Equipment For Use On Foreign Voltages

## DESIGNER LINE STEP-DOWN AUTO TRANSFORMERS

### DESIGN FEATURES

1. NEMA 5-15R (15 ampere 125 volt) grounded receptacle
2. European "SCHUKO" CEE 7-7 plug on line cord
3. On / off power switch
4. Power indicator light
5. Durable carrying handle on 800, 1000 and 1500 watt models
6. Replaceable fuse on all units
7. Heavy duty metal case

Auto transformers change voltage levels and not frequency from 50 to 60 cycle (hertz) or vice versa. Appliances using synchronous motors should have the motor designed for the specific frequency if motor speed is critical for proper operation of the appliance or equipment.

### NOTE:

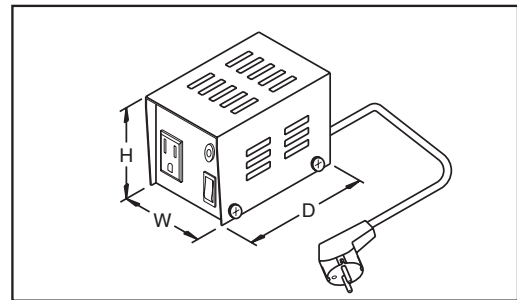
- Adapters Catalog Nos. 30220 (Australia / China), 30140 (U.K.), 30150 (Italy), 30160 (Italy), 30170 (Switzerland), 30195 (South Africa) and 30295 (Israel) can be used when mating the auto transformer line cord plug with receptacles used in those countries.

- **NOT** recommended for use with refrigerators.

\* Receptacle on these units are duplex type.

### USE AMERICAN APPLIANCES IN EUROPE

CATALOG NUMBER	WATTS (VA)	WEIGHT LBS.	DIMENSIONS		
			H	W	D
34010-EU	100	4	3"	3 1/4"	5"
34020-EU	200	6	3"	3 1/4"	5 1/2"
34030-EU*	300	8	3 5/8"	3 3/4"	6 1/8"
34050-EU*	500	10	3 5/8"	4 1/8"	6 3/8"
34080-EU*	800	16	4 3/8"	5 3/8"	7 1/2"
34100-EU*	1000	22	4 3/4"	6 1/8"	9"
34150-EU*	1500	28	6"	7"	10"



### 50 WATT STEP-DOWN AUTO TRANSFORMER

#### Catalog No. 32350

Allows NEMA 1-15P (2 pole 2 wire) polarized and non-polarized plugs, NEMA 5-15P (2 pole 3 wire) plugs to mate with almost all European / International receptacles with 4.0 / 4.8 mm round pins. Designed for use with small electronic or motorized appliances rated 50 watts or less. Changes 220 / 240 input voltage to 110 / 120 output voltage. Will not convert frequency from 50 to 60 cycle (hertz) or vice versa. **Not recommended for continuous use applications.**

### NOTE:

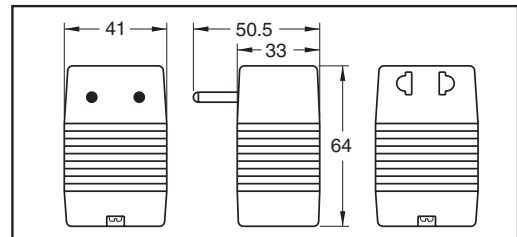
- **NOT** for use with heating appliances. I.E., lamps, hair dryers, hot plates, irons, steamers and heating pads, etc.
- Grounding continuity not provided when NEMA 5-15P plugs are used with Catalog No. 32350.

### 1600 WATT STEP-DOWN AUTO TRANSFORMER

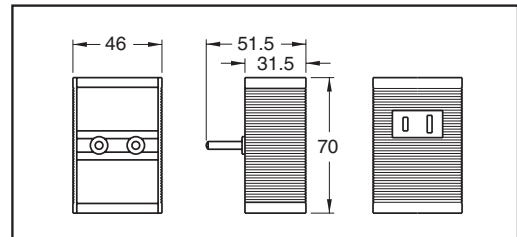
#### Catalog No. 32360

Designed for use with heating appliances. I.E., hair dryers, hot plates, irons, steamers, heating pads, etc.

**NOTE: NOT for use with electronic or motorized appliances.**



32350



32360



## INTERNATIONAL TELEPHONE ADAPTERS

International Configurations, Inc. now offers a wide range of telephone adapters that allow standard American RJ11 telephone jacks to mate with European, United Kingdom and other international type telephone sockets. The items listed below are intended for use with standard telephone equipment, modems, etc. Catalog numbers with a “-D” suffix also provide a country specific telephone socket in addition to the RJ11 telephone jack.



Typical dual socket type  
(RJ11 plus telephone socket)



Typical single RJ11 type

Country	ADAPTER TYPE		Catalog No.
	Dual	Single	
Argentina .....	Yes .....		33700-D
Australia .....	Yes .....		33175-D
Austria .....	Yes .....		33500-D
Belgium .....	Yes .....		33275-D
Brazil .....	Yes .....		33375-D
Czechoslovakia .....	Yes .....		33525-D
Denmark .....	Yes .....		33300-D
Finland .....	Yes .....		33250-D
France .....	Yes .....		33150-D
Germany .....	Yes .....		33100-D
Germany .....	Yes .....		33100-KT
Greece .....	Yes .....		33625-D
Holland .....	Yes .....		33400-D
Hungary .....	Yes .....		33450-D
India .....		Yes .....	33775
Iran .....		Yes .....	33675-KT
Iraq .....		Yes .....	33675-KT
Italy .....	Yes .....		33200-D
Japan .....	Yes .....		33425-D
Jordan .....	Yes .....		33750-D
Korea .....		Yes .....	33650
Kuwait .....	Yes .....		33800-D
Netherlands .....	Yes .....		33400-D
Norway .....	Yes .....		33250-D
Poland .....	Yes .....		33475-D
Russia .....	Yes .....		33475-D
South Africa .....	Yes .....		33325-D
Sweden .....	Yes .....		33225-D
Switzerland .....	Yes .....		33575-D
Turkey .....	Yes .....		33725-D
United Arab Emirates .....	Yes .....		33825-D
United Kingdom .....	Yes .....		33125-D
Yugoslavia .....	Yes .....		33550-D

