



CPTW

Industrial Control Power Transformers



Revision 7/2024

Overview



- The WEG CPTW Series Control Power Transformers are designed to accommodate the momentary current inrush associated with industrial applications where electromagnetic components are used, making them an excellent choice for panel builders and OEMs
- Available in ratings from 50 to 5000VA
- Primary Voltages available range from 200V to 600V
- Secondary Voltages of 110, 115, 120V
- Multiple agency certifications – UL, cUL, CSA, and CE
- WEG quality, reliability, and uncompromising performance



UL File No. E535994

Product Features



- **Completely Encapsulated Coils**
 - The transformer coils are completely encapsulated for maximum protection in industrial environments
 - Protects against moisture, dirt, dust, and industrial contaminants
- **Integrated Finger-Safe Terminals**
 - Built-in, finger-safe terminals provide up to 30% greater terminal contact area and permits low-loss connections
 - Extra deep barriers reduce the chance of short circuits from frayed leads or careless wiring



Highly
reliable



Easy
installation



Suitable for
different applications



Internationally
recognized quality

Product Features



- **Terminals are Molded into the Transformer**
 - Molded terminals result in a more robust and compact design
 - Fully threaded quarter-inch long terminal screws prevent stripping and pullouts
 - Terminals are designed to accept bare wire, ferrules, spade, or ring lugs
- **Quality Materials**
 - All the CPTW Control Power Transformers are constructed with high-grade silicon steel laminations
 - The high-grade silicon steel cores are machine wound with high quality copper magnet wire for increased electrical resistivity and durability



Product Features



- **Insulation System and Temperature Rise**
 - Class 130°C (266°F) insulation system with 55°C (131°F) temperature rise on 50 - 100VA
 - Class 130°C (266°F) insulation system with 80°C (176°F) temperature rise on 150 - 750VA
 - Class 180°C (356°F) insulation system with 115°C (239°F) temperature rise on 1000 - 5000VA
- **Certifications**
 - All CPTW Control Power Transformers come UL, cUL, CSA, and CE certified



Product Features



- **Standard Accessories**
 - All transformers up to 750VA come standard with secondary fuse clips
 - Two parallel jumper links come standard with transformers with dual primary voltages
- **Interchangeable Accessories**
 - All CPTWs up to 3kVA include a mounting adapter for fuse blocks which allow greater flexibility and panel space optimization
 - Fuse terminal covers provide protection from accidental electrical contact



Value Identifiers



SECONDARY FUSE CLIPS INCLUDED

CPTWs up to 750VA come with pre-installed secondary fuse kits, ready to accept 13/32" x 1 1/2" midget / Class CC fuses.

ADD FUSE BLOCKS EASILY

Standard built-in mounting plate for easy installation of ALL optional fuse blocks up to 3kVA.

INCREASED SAFETY

Built-in, finger-safe terminals provide up to 30% greater terminal contact area. The extra deep barriers reduce the chance of shorts from frayed leads or careless wiring.

HIGH EFFICIENCY

Core losses are decreased due to use of high-grade silicon steel laminations and fine quality copper magnet wire.

SECURE WIRING

Pressure plate terminals have a full quarter inch of thread on a 8-32 terminal screw. The terminals accept bare wire, ferrules, spades or ring lugs, while preventing stripping and pullout.

EASY TO LOCATE INFORMATION

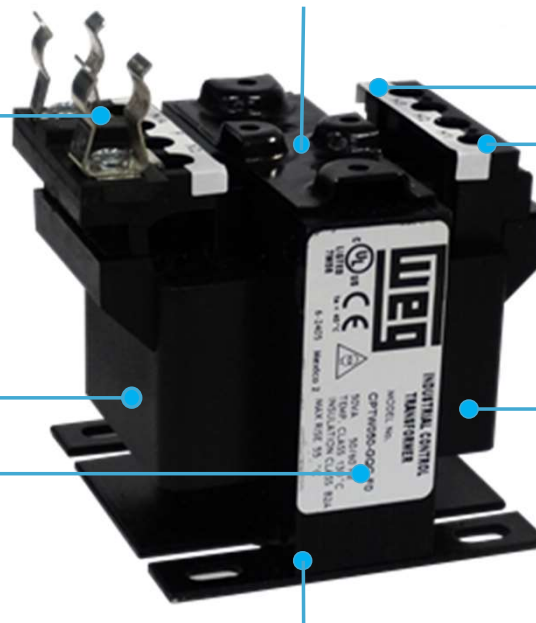
All WEG control power transformers come labeled with power specifications, agency listings and part number. Additionally, wiring diagrams for both Primary and Secondary wiring are included.

FLEXIBLE MOUNTING

Mounting plate is made of heavy gauge steel to add strength and provide stability. Slotted mounting feet permit easy and flexible installation.

DIRTY ENVIRONMENTS, NO PROBLEM

CPTWs are constructed with completely encapsulated coils to protect against moisture, dirt, dust and industrial contaminants for maximum protection in industrial environments.



Common Applications and Industries



Cement and Mining



Chemical and Petrochemical



Wood Processing



Plastic and Rubber



Water & Wastewater



Food and Beverage



Ceramic



Steel and Metallurgy



Glass



Textile

Transformer Sizing



How to select the proper CPTW Controls Power Transformer.

Transformer selection requires the following information.

- **Inrush VA** is the product of Load Voltage (V) multiplied by the current (A) that is required during circuit start-up. It is calculated by adding the Inrush VA requirements of all devices (contactors, timers, relays, pilot lights, solenoids, etc.), which will be energized together. Inrush VA requirements are best obtained from the component manufacturer.
- **Sealed VA** is also called Steady State VA and is the product of Load Voltage (V) multiplied by the current (A) after initial start-up or under normal operating conditions. It is calculated by adding the Sealed VA requirements of all electrical components that will be energized at any given time. Sealed VA requirements are best obtained from the component manufacturer.
- **Primary voltage** is the voltage available from the electrical distribution system and its operational frequency. This is the power which is connected to the transformer supply voltage terminals.
- **Secondary voltage** is the voltage required for load operation. This is the power which is available from the transformer load voltage terminals.

Transformer Sizing



How to select the proper CPTW Controls Power Transformer.

Once the previous information is known, the steps are as follows:

1. Calculate the Application Inrush VA by using the following formula:

$$\text{Application Inrush VA} = \sqrt{(\text{Inrush VA})^2 + (\text{Sealed VA})^2}$$

2. Refer to the Inrush Regulation Data Chart (next slide). If the primary voltage is stable and does not vary by more than 5% from nominal, the 90% secondary voltage column should be used. If the primary voltage varies between 5% and 10% of the nominal voltage, the 95% secondary voltage column should be used.
3. After determining the proper secondary voltage column, read down until a value equal to or greater than the application inrush VA is found. In no case should a figure less than the application inrush VA be used.
4. Read left to the Transformer VA Rating column to determine the proper transformer rating for this application. As a final check, make sure that the Transformer VA Rating is equal to or greater than the total sealed requirements. If not, select a transformer with a VA rating equal to or greater than the total sealed VA.

Transformer Sizing



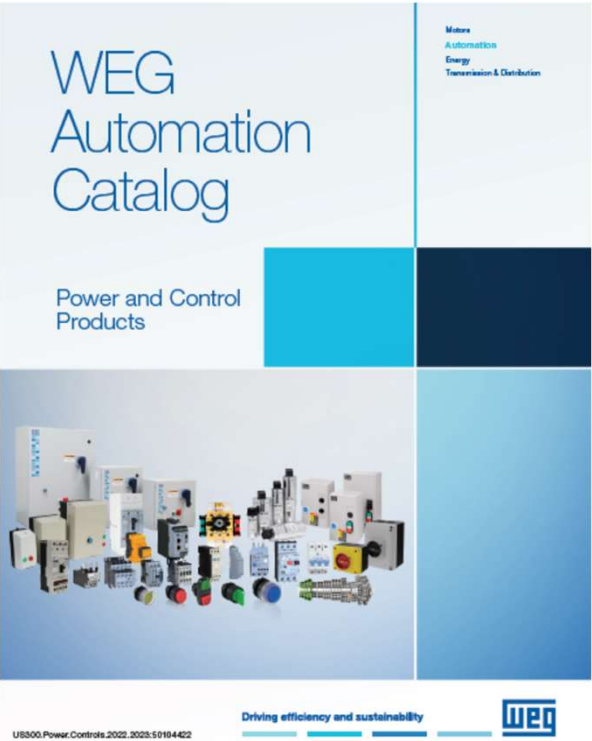
How to select the proper CPTW Controls Power Transformer.

Inrush Regulation Data Chart

Continuous VA Transformer Rating	Secondary Voltage		
	85%	90%	95%
50	200	167	131
75	311	257	200
100	471	377	276
150	923	716	491
200	1125	883	622
250	1944	1476	970
300	2040	1547	1020
350	3300	2400	1400
500	3191	2500	1745
750	6025	4520	2915
1000	8100	5600	3000
1500	16000	12000	6600
2000	19500	13500	7300
3000	25500	18250	10500
5000	75000	56000	33000

Notes:
To comply with NEMA standards, which require all magnetic devices to operate successfully at 85% of rated voltage, the 90% secondary voltage column is most often used in selecting a transformer.

Product Selection



[Access our Interactive Catalog on-line](#)



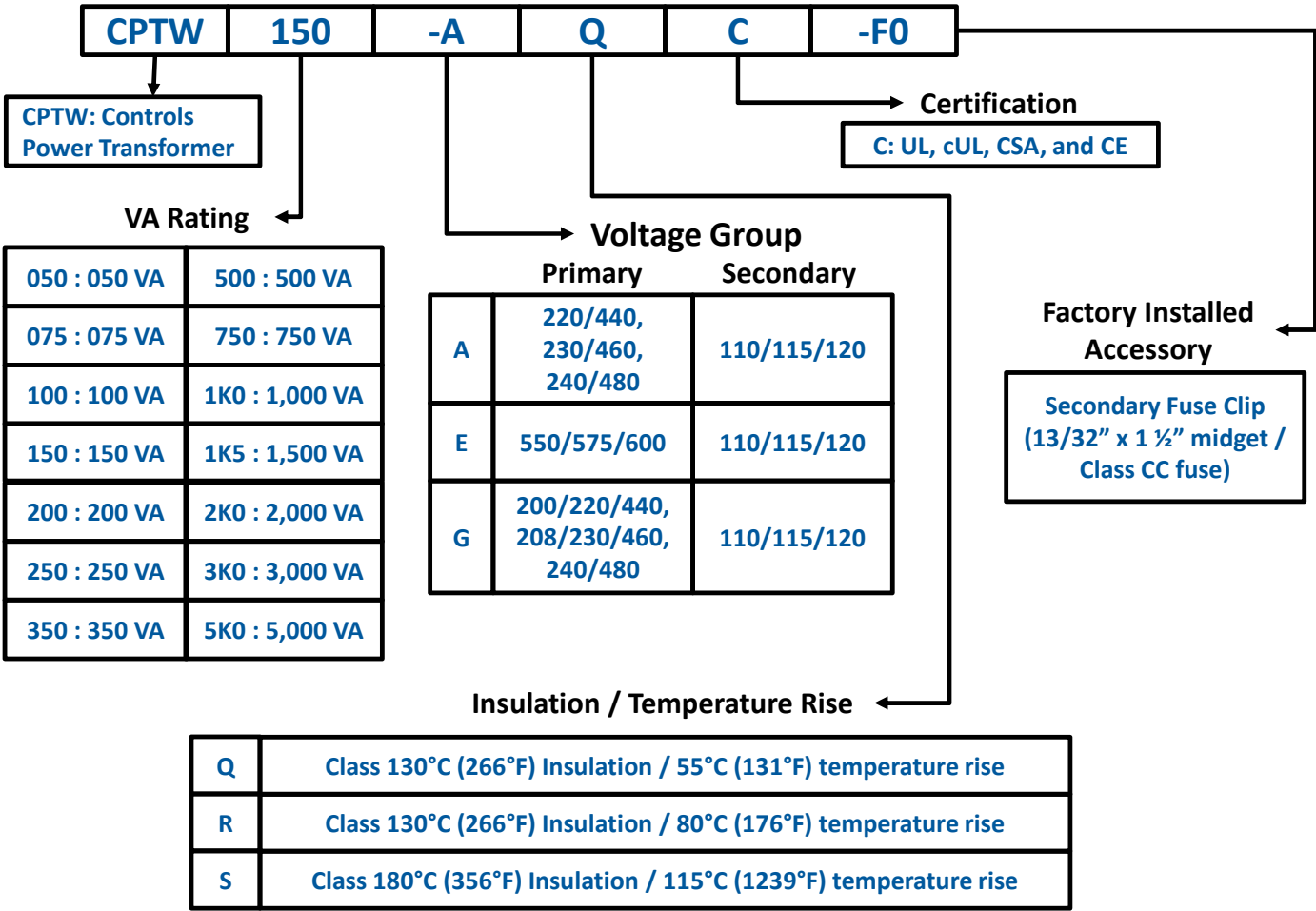


Table intended as reference only and not to create part numbers.

Product Selection



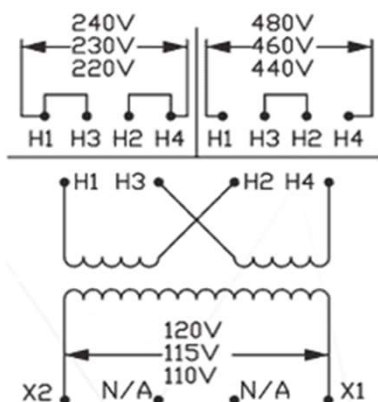
Group	Primary Voltage (VAC)	Secondary Voltage (VAC)	VA	Secondary Fuse Clips Included	Catalog Number	List Price	Multiplier
A	220/440, 230/460, 240/480	110/115/120	50	Yes	CPTW050-AQC-F0	\$107	C19
			75	Yes	CPTW075-AQC-F0	\$122	
			100	Yes	CPTW100-AQC-F0	\$140	
			150	Yes	CPTW150-ARC-F0	\$178	
			250	Yes	CPTW250-ARC-F0	\$225	
			350	Yes	CPTW350-ARC-F0	\$260	
			500	Yes	CPTW500-ARC-F0	\$329	
			750	Yes	CPTW750-ARC-F0	\$445	
			1000	No	CPTW1K0-ASC	\$500	
			1500	No	CPTW1K5-ASC	\$640	
			2000	No	CPTW2K0-ASC	\$864	
			3000	No	CPTW3K0-ASC	\$1,440	
			5000	No	CPTW5K0-ASC	\$1,737	

Wiring Diagram – Group A



Wiring **without** secondary fuse clip

PRIMARY VOLTAGE VAC 50/60 Hz	SECONDARY VOLTAGE VAC 50/60 Hz
220/440, 230/460, 240/480	110/115/120

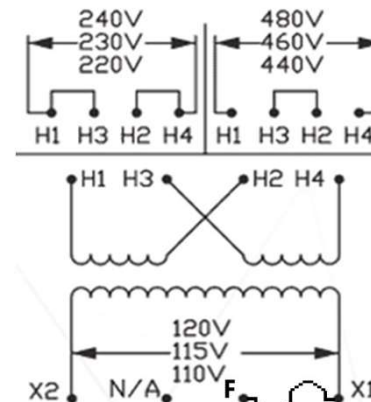


PRIMARY VOLTS	JUMPERS	PRIMARY LINE LEADS
220/230/240 440/460/480	H1-H3, H2-H4 H2-H3	H1, H4 H1, H4

SECONDARY VOLTS	CONNECTIONS	SECONDARY LINE LEADS
110/115/120	N/A	X1, X2

Wiring **with** secondary fuse clip

PRIMARY VOLTAGE VAC 50/60 Hz	SECONDARY VOLTAGE VAC 50/60 Hz
220/440, 230/460, 240/480	110/115/120



PRIMARY VOLTS	JUMPERS	PRIMARY LINE LEADS
220/230/240 440/460/480	H1-H3, H2-H4 H2-H3	H1, H4 H1, H4

SECONDARY VOLTS	CONNECTIONS	SECONDARY LINE LEADS
110/115/120	N/A	F, X2

Product Selection



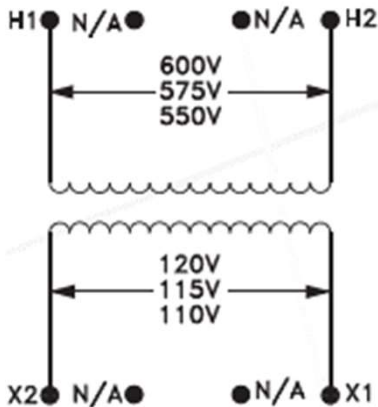
Group	Primary Voltage (VAC)	Secondary Voltage (VAC)	VA	Secondary Fuse Clips Included	Catalog Number	List Price	Multiplier
E	550/575/600	110/115/120	50	Yes	CPTW050-EQC-F0	\$120	C19
			75	Yes	CPTW075-EQC-F0	\$145	
			100	Yes	CPTW100-EQC-F0	\$148	
			150	Yes	CPTW150-ERC-F0	\$204	
			250	Yes	CPTW250-ERC-F0	\$159	
			350	Yes	CPTW350-ERC-F0	\$280	
			500	Yes	CPTW500-ERC-F0	\$397	
			750	Yes	CPTW750-ERC-F0	\$563	
			1000	No	CPTW1K0-ESC	\$584	
			3000	No	CPTW3K0-ESC	\$1,474	
			5000	No	CPTW5K0-ESC	\$1,780	

Wiring Diagram – Group E



Wiring **without** secondary fuse clip

PRIMARY VOLTAGE VAC 50/60 Hz	SECONDARY VOLTAGE VAC 50/60 Hz
550/575/600	110/115/120

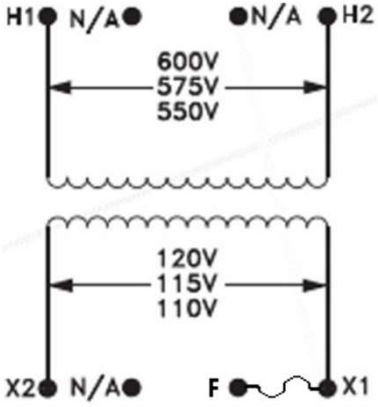


PRIMARY VOLTS	JUMPERS	PRIMARY LINE LEADS
550/575/600	N/A	H1, H2

SECONDARY VOLTS	CONNECTIONS	SECONDARY LINE LEADS
110/115/120	N/A	X1, X2

Wiring **with** secondary fuse clip

PRIMARY VOLTAGE VAC 50/60 Hz	SECONDARY VOLTAGE VAC 50/60 Hz
550/575/600	110/115/120



PRIMARY VOLTS	JUMPERS	PRIMARY LINE LEADS
550/575/600	N/A	H1, H2

SECONDARY VOLTS	CONNECTIONS	SECONDARY LINE LEADS
110/115/120	N/A	F, X2

Product Selection



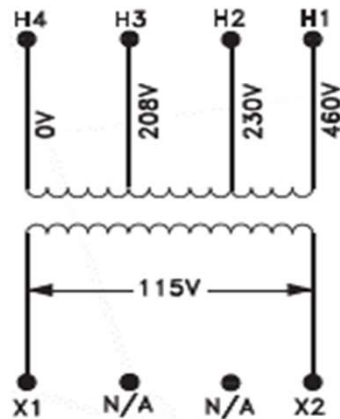
Group	Primary Voltage (VAC)	Secondary Voltage (VAC)	VA	Secondary Fuse Clips Included	Catalog Number	List Price	Multiplier
G	200/220/440, 208/230/460, 240/480	110/115/120	50	Yes	CPTW050-GQC-F0	\$140	C19
			75	Yes	CPTW075-GQC-F0	\$162	
			100	Yes	CPTW100-GQC-F0	\$164	
			150	Yes	CPTW150-GRC-F0	\$203	
			200	Yes	CPTW200-GRC-F0	\$230	
			250	Yes	CPTW250-GRC-F0	\$284	
			350	Yes	CPTW350-GRC-F0	\$320	
			500	Yes	CPTW500-GRC-F0	\$396	
			750	Yes	CPTW750-GRC-F0	\$563	
			1000	No	CPTW1K0-GSC	\$614	
			1500	No	CPTW1K5-GSC	\$831	
			2000	No	CPTW2K0-GSC	\$1,033	
			3000	No	CPTW3K0-GSC	\$1,520	
			5000	No	CPTW5K0-GSC	\$2,470	

Wiring Diagram – Group G



Wiring **without** secondary fuse clip

PRIMARY VOLTAGE VAC 50/60 Hz	SECONDARY VOLTAGE VAC 50/60 Hz
200/208, 220/230/240, 440/460/480	110/115/120

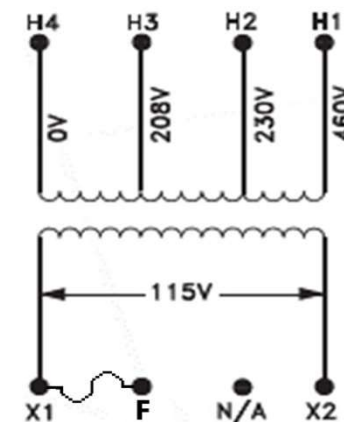


PRIMARY VOLTS	JUMPERS	PRIMARY LINE LEADS
200/208, 220/230/240, 440/460/480	N/A	H3, H4 H2, H4 H1, H4

SECONDARY VOLTS	CONNECTIONS	SECONDARY LINE LEADS
110/115/120	N/A	X1, X2

Wiring **with** secondary fuse clip

PRIMARY VOLTAGE VAC 50/60 Hz	SECONDARY VOLTAGE VAC 50/60 Hz
200/208, 220/230/240, 440/460/480	110/115/120



PRIMARY VOLTS	JUMPERS	PRIMARY LINE LEADS
200/208, 220/230/240, 440/460/480	N/A	H3, H4 H2, H4 H1, H4

SECONDARY VOLTS	CONNECTIONS	SECONDARY LINE LEADS
110/115/120	N/A	F, X2

Accessories and Options



Secondary Fuse Kit
(13/32" x 1 1/2" midget /
Class CC fuse)



Primary Fuse Block
(Class CC fuse)



Secondary Fuse Block
(Class CC fuse)

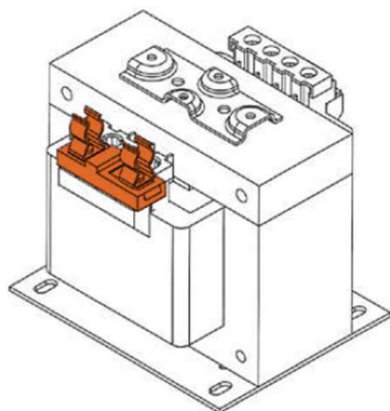


Primary Fuse Block
(Class CC fuse)
Secondary Fuse Block
(Class CC fuse)

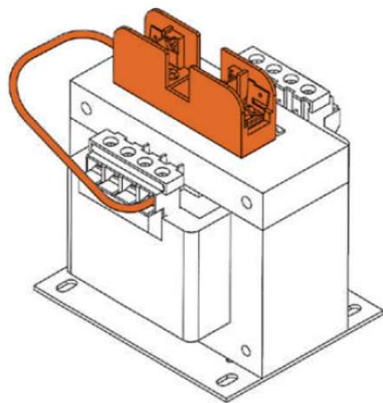


Primary Fuse Block
(Class CC fuse)
Secondary Fuse Kit
(13/32" x 1 1/2" midget /
Class CC fuse)

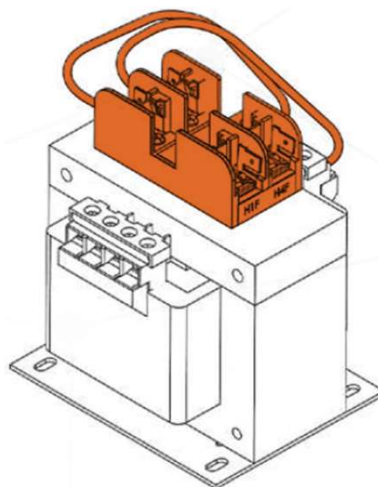
Accessories and Options



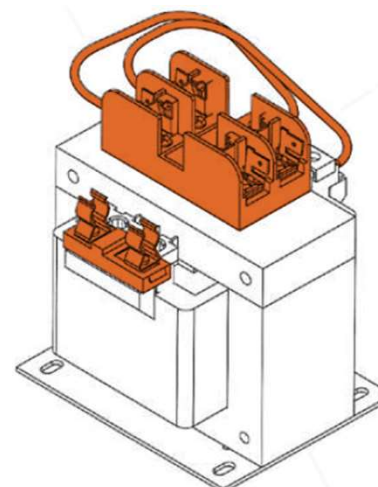
Secondary Fuse Kit
(13/32" x 1 1/2" midget
/ Class CC fuse)



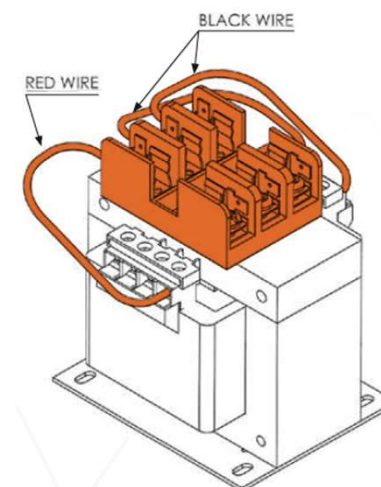
Secondary Fuse Block
(Class CC fuse)



Primary Fuse Block
(Class CC fuse)



Primary Fuse Block
(Class CC fuse)
Secondary Fuse Kit
(13/32" x 1 1/2" midget /
Class CC fuse)



Primary Fuse Block
(Class CC fuse)
Secondary Fuse Block
(Class CC fuse)

Quick and Easy installation!

Accessories and Options



**Primary Fuse Block
Cover with Puller**



**Secondary Fuse Clip
Cover**



**4 Position 50 – 350 VA
Terminal Covers
(25 Pack)**



**4 Position 50 – 350 VA
with Secondary Fuse Clip
Terminal Covers
(25 Pack)**



**6 Position 500 – 750 VA
Terminal Covers
(25 Pack)**



**6 Position 500 – 750 VA
with Secondary Fuse Clip
Terminal Covers
(25 Pack)**



**6 Position 1K – 5K VA
Terminal Covers
(25 Pack)**

Accessories and Options



Fuse Covers

For Use With	Illustrative Picture	Description	Catalog Number	Material Number	List Price	Multiplier
Fits any fuse block		Fuse block cover with puller	CPTW-ACC-1401	17420105	\$11	C19
Fits any fuse clip		Fuse clip cover	CPTW-ACC-2401	17420107	\$10	

Secondary Fuse Clip

For Use With	Illustrative Picture	Description	Catalog Number	Material Number	List Price	Multiplier
CPTW050...750		Secondary fuse clip (13/32" x 1 1/2" midget / Class CC fuse)	CPTW-ACC-2111	17420200	\$12	C19
CPTW1K0...5K0		Secondary fuse clip (13/32" x 1 1/2" midget / Class CC fuse)	CPTW-ACC-2121	17420203	\$12	

Accessories and Options



Secondary Fuse Block

For Use With	Illustrative Picture	Description	Catalog Number	Material Number	List Price	Multiplier
Fits all models	 A black plastic single pole secondary fuse block with a red wire attached to the bottom terminal.	Single pole Secondary fuse block (Class CC fuse)	CPTW-ACC-2201	17420205	\$19	C19

Primary Fuse Block

For Use With	Illustrative Picture	Description	Catalog Number	Material Number	List Price	Multiplier
Fits all models	 A black plastic dual pole primary fuse block with two black wires attached to the bottom terminals.	Dual pole Primary fuse block (Class CC fuse)	CPTW-ACC-1201	17420207	\$23	C19

Accessories and Options



Primary Fuse Block and Secondary Fuse Clip

For Use With	Illustrative Picture	Description	Catalog Number	Material Number	List Price	Multiplier
Fits all models		Primary fuse block (Class CC fuse) Secondary fuse kit (13/32" x 1 1/2" midget / Class CC fuse)	CPTW-ACC-3201	17420279	\$31	C19

Primary and Secondary Fuse Block

For Use With	Illustrative Picture	Description	Catalog Number	Material Number	List Price	Multiplier
CPTW150...5K0		Primary fuse block (Class CC fuse) Secondary fuse block (Class CC fuse)	CPTW-ACC-3231	17420278	\$37	C19

Accessories and Options



For Use With	Illustrative Picture	Description	Catalog Number	Material Number	List Price	Multiplier
CPTW050...350		4 Position terminal cover (25 Pack)	CPTW-ACC-4312	17420281	\$40	C19
CPTW050...350		4 Position terminal cover for secondary fuse clip (25 Pack)	CPTW-ACC-4412	17420282	\$40	
CPTW500...750		6 Position terminal cover (25 Pack)	CPTW-ACC-6342	17420284	\$71	
CPTW500...750		6 Position terminal cover with secondary fuse clip (25 Pack)	CPTW-ACC-6442	17420285	\$85	
CPTW1K0...5K0		6 Position terminal cover (25 Pack)	CPTW-ACC-6452	17420286	\$85	

Fuse Ratings



PRIMARY STANDARD FUSE RATING

	Voltage AC 50/60 Hz																
VA Rating	115	120	200	208	220	230	240	277	380	400	415	440	460	480	550	575	600
50	1.00	1.00	0.60	0.60	0.50	0.50	0.50	0.40	0.30	0.30	0.30	0.25	0.25	0.25	0.25	0.25	0.25
75	1.60	1.50	0.80	0.80	0.80	0.80	0.75	0.60	0.50	0.40	0.40	0.40	0.40	0.40	0.30	0.30	0.30
100	2.00	2.00	1.25	1.13	1.00	1.00	1.00	0.80	0.60	0.60	0.60	0.50	0.50	0.50	0.40	0.40	0.40
150	3.20	3.00	1.80	1.80	1.60	1.60	1.50	1.30	0.80	0.80	0.80	0.80	0.80	0.75	0.60	0.60	0.60
200	4.00	4.00	2.50	2.25	2.00	2.00	2.00	1.80	1.30	1.25	1.13	1.00	1.00	1.00	0.80	0.80	0.80
250	5.00	5.00	3.00	3.00	2.80	2.50	2.50	2.00	1.60	1.50	1.50	1.40	1.30	1.30	1.00	1.00	1.00
300	6.25	6.25	3.50	3.50	3.20	3.20	3.00	2.50	1.80	1.80	1.80	1.60	1.60	1.50	1.30	1.30	1.25
350	7.50	7.00	4.00	4.00	3.50	3.50	3.50	3.00	2.25	2.00	2.00	1.80	1.80	1.80	1.60	1.50	1.40
500	10.0	10.0	6.25	6.00	5.60	5.00	5.00	4.50	3.20	3.00	3.00	2.80	2.50	2.50	2.00	2.00	2.00
750	15.0	15.0	9.00	9.00	8.00	8.00	7.50	6.25	4.50	4.50	4.50	4.00	4.00	3.50	3.20	3.20	3.00
1000	20.0	20.0	12.0	12.0	10.0	10.0	10.0	9.00	6.25	6.25	6.00	5.60	5.00	5.00	4.50	4.00	4.00
1500	30.0	30.0	17.5	17.5	15.0	15.0	15.0	12.0	9.00	9.00	9.00	8.00	8.00	7.50	6.25	6.25	6.25
2000	-	-	25.0	20.0	20.0	20.0	20.0	17.5	12.0	12.0	12.0	10.0	10.0	10.0	9.00	8.00	8.00
3000	-	-	-	-	30.0	30.0	30.0	25.0	17.5	17.5	17.5	15.0	15.0	15.0	12.0	12.0	12.0
5000	-	-	-	-	-	-	-	-	30.0	30.0	30.0	25.0	25.0	25.0	20.0	20.0	20.0

Fuse Ratings



SECONDARY STANDARD FUSE RATING

VA Rating	Voltage AC 50/60 Hz												
	12	23	24	25	90	95	100	110	115	120	220	230	240
50	6.25	3.50	3.20	3.20	0.80	0.80	0.80	0.75	0.70	0.60	0.30	0.30	0.30
75	10.0	5.00	5.00	5.00	1.30	1.30	1.25	1.00	1.00	1.00	0.50	0.50	0.50
100	12.0	7.00	6.25	6.25	1.80	1.60	1.60	1.50	1.40	1.30	0.75	0.70	0.60
150	15.0	10.0	10.0	10.0	2.50	2.50	2.50	2.00	2.00	2.00	1.00	1.00	1.00
200	20.0	12.0	12.0	12.0	3.50	3.50	3.20	3.00	2.80	2.50	1.50	1.40	1.30
250	25.0	15.0	15.0	15.0	4.50	4.00	4.00	3.50	3.50	3.20	1.80	1.80	1.60
300	30.0	15.0	15.0	15.0	5.00	5.00	5.00	4.50	4.00	4.00	2.00	2.00	2.00
350	-	20.0	20.0	15.0	6.25	6.00	5.60	5.00	5.00	4.50	2.50	2.50	2.25
500	-	30.0	30.0	25.0	9.00	8.00	8.00	7.50	7.00	6.25	3.50	3.50	3.20
750	-	-	-	-	12.0	12.0	12.0	10.0	10.0	10.0	5.60	5.00	5.00
1000	-	-	-	-	15.0	15.0	15.0	12.0	12.0	12.0	7.50	7.00	6.25
1500	-	-	-	-	25.0	20.0	20.0	15.0	15.0	15.0	10.0	10.0	10.0
2000	-	-	-	-	30.0	30.0	25.0	25.0	25.0	25.0	12.0	12.0	12.0
3000	-	-	-	-	-	-	-	-	-	-	15.0	15.0	15.0
5000	-	-	-	-	-	-	-	-	-	-	30.0	30.0	30.0

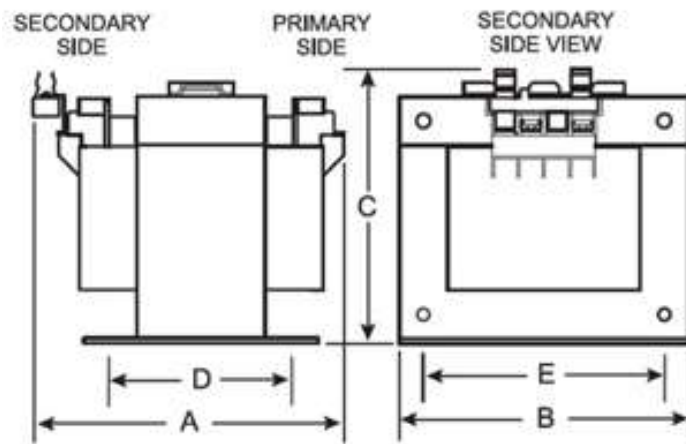
PRIMARY AND SECONDARY PROTECTION

Fuse sizing is based on NEC 4503		
Rated Secondary Current in Amps	Maximum Priary Fuse Size	Maximum Secondary Fuse
Less than 9 amps	250% or next size smaller	167% or next size smaller
Greater than or equal to 9 amps	250% or next size smaller	125% or next size smaller

Product Dimensions

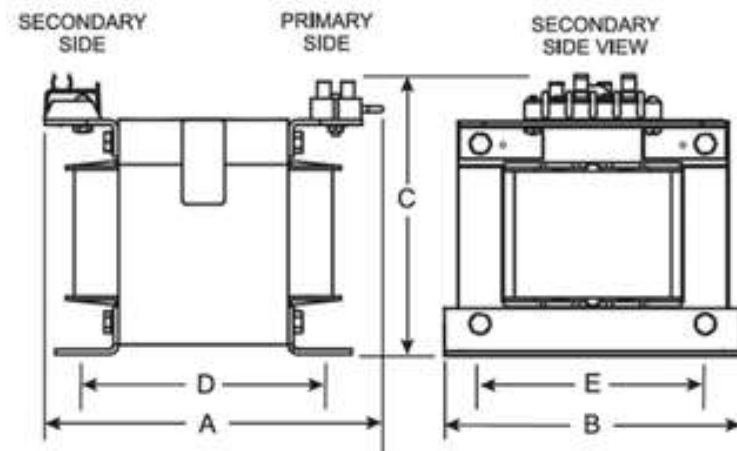


50VA - 350VA



Transformers 50VA - 350VA
have 4 terminals per side.

500VA - 5000VA



Transformers 500VA - 5000VA
have 6 terminals per side.

* Images are a general representation of a CPTW Control Transformer without fusing accessories or jumper links.

Notes:

- Jumper Link and Fuse Clip height not included.
- Add 5/16" to the Depth (A) when fuse clips are included (50 thru 350VA).
- Add 1 3/8" to the Height (D) when fuse block is included (1, 2, and 3 poles) (50 thru 350VA).
- Add 1/2" to the Height (D) when fuse block is included (1, 2, and 3 poles) (500 thru 5000VA).

Product Dimensions



	GROUP A										
Primary	220/440, 230/460, 240/480										
Secondary	110/115/120										
	Approximate Dimensions (In.) and Weight (lbs.)										
VA Rating	Part #	Max. Depth (A)	Max. Width (B)	Max. Height (C)	Mounting Depth (D)	Mounting Width (E)	Mounting Hole Depth	Mounting Hole Width	Temp Rise	Insulation	Est. Shipping Weight
50	CPTW050-AQC-F0	3.32	3.00	2.79	2.00	2.50	0.20	0.41	55°C (131°F)	130°C (266°F)	2.60
75	CPTW075-AQC-F0	3.82	3.00	2.79	2.50	2.50	0.20	0.41	55°C (131°F)	130°C (266°F)	3.50
100	CPTW100-AQC-F0	3.78	3.38	3.10	2.38	2.81	0.20	0.41	55°C (131°F)	130°C (266°F)	4.20
150	CPTW150-ARC-F0	4.27	3.75	3.41	2.88	3.13	0.20	0.41	80°C (176°F)	130°C (266°F)	6.70
200	CPTW200-ARC-F0	4.05	4.50	4.04	2.50	3.75	0.20	0.41	80°C (176°F)	130°C (266°F)	8.50
250	CPTW250-ARC-F0	4.55	4.50	4.04	2.88	3.75	0.20	0.41	80°C (176°F)	130°C (266°F)	10.0
300	CPTW300-ARC-F0	4.55	4.50	4.04	3.25	3.75	0.20	0.41	80°C (176°F)	130°C (266°F)	11.3
350	CPTW350-ARC-F0	5.28	4.50	4.04	3.75	3.75	0.20	0.41	80°C (176°F)	130°C (266°F)	13.6
500	CPTW500-ARC-F0	5.75	5.25	4.66	4.25	4.38	0.31	1.06	80°C (176°F)	130°C (266°F)	15.8
750	CPTW750-ARC-F0	7.00	5.25	4.66	5.38	4.38	0.31	1.06	80°C (176°F)	130°C (266°F)	28.1
1000	CPTW1K0-ASC	6.61	7.00	5.65	4.00	6.13	0.31	1.06	115°C (239°F)	180°C (356°F)	29.8
1500	CPTW1K5-ASC	7.62	7.00	5.65	4.50	6.13	0.31	1.06	115°C (239°F)	180°C (356°F)	30.0
2000	CPTW2K0-ASC	8.37	7.00	5.65	5.13	6.13	0.31	1.06	115°C (239°F)	180°C (356°F)	38.0
3000	CPTW3K0-ASC	7.82	9.00	7.62	4.25	6.50	0.44	1.00	115°C (239°F)	180°C (356°F)	53.0
5000	CPTW5K0-ASC	9.06	9.00	7.62	7.25	7.50	0.44	1.00	115°C (239°F)	180°C (356°F)	89.0

Product Dimensions



	GROUP E										
Primary	550/575/600										
Secondary	110/115/120										
	Approximate Dimensions (In.) and Weight (lbs.)										
VA Rating	Part #	Max. Depth (A)	Max. Width (B)	Max. Height (C)	Mounting Depth (D)	Mounting Width (E)	Mounting Hole Depth	Mounting Hole Width	Temp Rise	Insulation	Est. Shipping Weight
50	CPTW050-EQC-F0	3.23	3.00	2.79	2.00	2.50	0.20	0.41	55°C (131°F)	130°C (266°F)	2.60
75	CPTW075-EQC-F0	3.73	3.00	2.79	2.50	2.50	0.20	0.41	55°C (131°F)	130°C (266°F)	3.50
100	CPTW100-EQC-F0	3.69	3.38	3.11	2.38	2.81	0.20	0.41	55°C (131°F)	130°C (266°F)	4.20
150	CPTW150-ERC-F0	4.17	3.75	3.42	2.88	3.13	0.20	0.41	80°C (176°F)	130°C (266°F)	6.70
250	CPTW250-ERC-F0	4.47	4.50	4.04	2.88	3.75	0.20	0.41	80°C (176°F)	130°C (266°F)	10.0
350	CPTW350-ERC-F0	5.19	4.50	4.04	3.75	3.75	0.20	0.41	80°C (176°F)	130°C (266°F)	13.6
500	CPTW500-ERC-F0	5.17	5.25	4.66	4.25	4.38	0.31	1.06	80°C (176°F)	130°C (266°F)	15.9
750	CPTW750-ERC-F0	6.42	5.25	4.66	5.38	4.38	0.31	1.06	80°C (176°F)	130°C (266°F)	28.1
1000	CPTW1K0-ESC	6.21	7.00	5.65	4.00	6.13	0.31	1.06	115°C (239°F)	180°C (356°F)	29.8
3000	CPTW3K0-ESC	7.82	9.00	7.62	4.25	6.50	0.44	1.00	115°C (239°F)	180°C (356°F)	53.0
5000	CPTW5K0-ESC	9.06	9.00	7.62	7.25	7.50	0.44	1.00	115°C (239°F)	180°C (356°F)	89.0

Product Dimensions



	GROUP G										
Primary	200/220/440, 208/230/460, 240/480										
Secondary	110/115/120										
	Approximate Dimensions (In.) and Weight (lbs.)										
VA Rating	Part #	Max. Depth (A)	Max. Width (B)	Max. Height (C)	Mounting Depth (D)	Mounting Width (E)	Mounting Hole Depth	Mounting Hole Width	Temp Rise	Insulation	Est. Shipping Weight
50	CPTW050-GQC-F0	3.23	3.00	2.79	2.00	2.50	0.20	0.41	55°C (131°F)	130°C (266°F)	2.60
75	CPTW075-GQC-F0	3.73	3.00	2.79	2.50	2.50	0.20	0.41	55°C (131°F)	130°C (266°F)	3.50
100	CPTW100-GQC-F0	3.69	3.38	3.11	2.38	2.81	0.20	0.41	55°C (131°F)	130°C (266°F)	4.20
150	CPTW150-GRC-F0	4.17	3.75	3.42	2.88	3.13	0.20	0.41	80°C (176°F)	130°C (266°F)	6.70
200	CPTW200-GRC-F0	3.96	4.50	4.04	2.88	3.75	0.20	0.41	80°C (176°F)	130°C (266°F)	8.50
250	CPTW250-GRC-F0	4.47	4.50	4.04	3.25	3.75	0.20	0.41	80°C (176°F)	130°C (266°F)	10.0
300	CPTW300-GRC-F0	4.47	4.50	4.04	3.25	3.75	0.20	0.41	80°C (176°F)	130°C (266°F)	11.3
350	CPTW350-GRC-F0	5.19	4.50	4.04	3.75	3.75	0.20	0.41	80°C (176°F)	130°C (266°F)	13.6
500	CPTW500-GRC-F0	5.17	5.25	4.66	4.75	4.38	0.31	1.06	80°C (176°F)	130°C (266°F)	16.0
750	CPTW750-GRC-F0	6.42	5.25	4.66	5.38	4.38	0.31	1.06	80°C (176°F)	130°C (266°F)	28.1
1000	CPTW1K0-GSC	6.21	7.00	5.65	4.00	6.13	0.31	1.06	115°C (239°F)	180°C (356°F)	29.8
1500	CPTW1K5-GSC	7.23	7.00	5.65	4.50	6.13	0.31	1.06	115°C (239°F)	180°C (356°F)	30.0
2000	CPTW2K0-GSC	7.98	7.00	5.43	5.13	6.13	0.31	1.06	115°C (239°F)	180°C (356°F)	38.0
3000	CPTW3K0-GSC	7.50	9.00	7.62	4.25	6.50	0.44	1.00	115°C (239°F)	180°C (356°F)	53.0
5000	CPTW5K0-GSC	9.00	9.00	7.62	7.25	7.50	0.44	1.00	115°C (239°F)	180°C (356°F)	89.0

Thank you for your
time and attention.



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