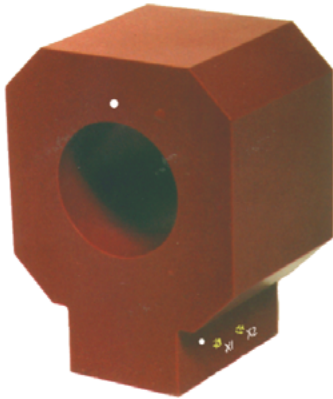


# Current Transformers

## PCW05 Series - Indoor Window Type 5kV, 60kV BIL



PCW05D  
Side Terminals

### Applications:

- for indoor metering, relaying and control
- uninsulated bus or cable at 5.0kV
- wall or panel mounting
- rated -40C to 120C

### Construction:

- Polycast EC-K epoxy casting
- Grain-oriented silicon steel cores
- windings uniformly distributed for all tap sections to minimize leakage reactance and provide maximum accuracy
- prominent polarity markings

## Ratings and Performance Data

Voltage Class - 5.0kV      Frequency - 60Hz      Impulse (BIL) - 60kV      Hipot - 19kV  
 Thermal withstand (1 sec) - 100xN      Mechanical withstand (1 sec) - 250xN  
 Continuous current rating factor (CCRF) - *Minimum:* 1.33 @ 30C, 1.0 @ 55C  
 Metering and/or relaying accuracy units available to ANSI C57.13, CSA Can3-C13 or IEC 185  
 Revenue Billing Approval available on some models and ratios.

## Style Numbers - PCW05 Standard Arrangements

THESE PCW05 CURRENT TRANSFORMERS HAVE A BODY WIDTH OF 7.0" AND A BODY DEPTH OF 5.50"

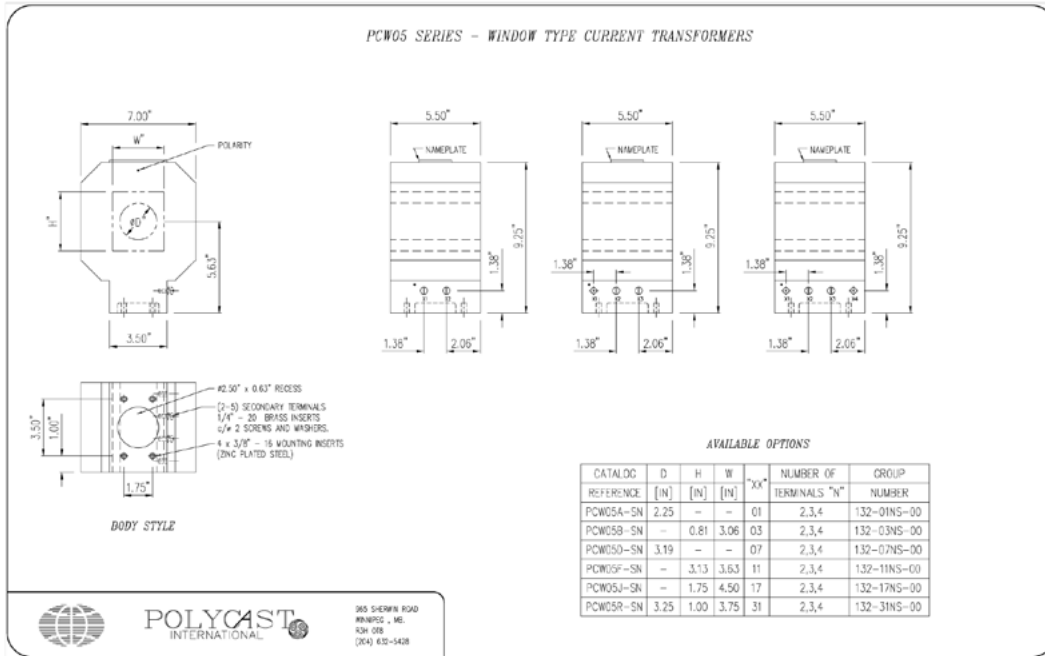
Catalog Reference	Window Size	RATIO	Side Terminals Section 3 - Page 132b	Bottom Terminals Section 3 - Page 132c	Top Terminals Section 3 - Page 132d
PCW05A	2.25" dia	Single Dual Multi	132-012S-??? 132-013S-??? 132-014S-???	132-002B-??? 132-003B-??? 132-004B-???	132-042T-??? 132-043T-??? 132-044T-???
PCW05B	0.81" x 3.06"	Single Dual Multi	132-032S-??? 132-033S-??? 132-034S-???	132-022B-??? 132-023B-??? 132-024B-???	132-052T-??? 132-053T-??? 132-054T-???
PCW05D	3.19" dia	Single Dual Multi	132-072S-??? 132-073S-??? 132-074S-???	132-062B-??? 132-063B-??? 132-064B-???	132-082T-??? 132-083T-??? 132-084T-???
PCW05F	3.13" x 3.63"	Single Dual Multi	132-112S-??? 132-113S-??? 132-114S-???	132-102B-??? 132-103B-??? 132-104B-???	132-122T-??? 132-123T-??? 132-124T-???
PCW05J	1.75" x 4.50"	Single Dual Multi	132-172S-??? 132-173S-??? 132-174S-???	132-162B-??? 132-163B-??? 132-164B-???	132-182T-??? 132-183T-??? 132-184T-???
PCW05R	chevy shape 3.25" dia 1.0" x 3.75"	Single Dual Multi	132-312S-??? 132-313S-??? 132-314S-???	132-302B-??? 132-303B-??? 132-304B-???	132-322T-??? 132-323T-??? 132-324T-???

??? = Available Ratios and Accuracies for the above units - see following pages.

# Current Transformers

## PCW05 Series - Outline Details

Side Terminals, Indoor, Window Type



## Ratings and Performance Data

Voltage Class - 5.0kV      Frequency - 60Hz      Impulse (BIL) - 60kV      Hipot - 19kV  
 Thermal withstand (1 sec) - 100xN      Mechanical withstand (1 sec) - 250xN  
 Continuous current rating factor (CCRF) - **Minimum:** 1.33 @ 30C, 1.0 @ 55C  
 Metering and/or relaying accuracy units available to ANSI C57.13, CSA Can3-C13 or IEC 185  
 Revenue Billing Approval available on some models and ratios.

### Style Numbers

### PCW05 - Series with Side Terminals

SINGLE RATIO		DUAL RATIO		MULTI RATIO		ACCURACY	
RATIO (AMPS)	STYLE NUMBER	RATIO (AMPS)	STYLE NUMBER	RATIO (AMPS)	STYLE NUMBER	METERING CSA/ANSI 0.3 0.6	RELAYING CSA ANSI
100-5	132-XX2S-03	100/50-5	132-XX3S-31	-	-	-	10L10 C10
200-5	132-XX2S-05	200/100-5	132-XX3S-32	-	-	-	10L20 C20
300-5	132-XX2S-07	300/150-5	132-XX3S-33	-	-	-	10L20 C20
400-5	132-XX2S-08	400/200-5	132-XX3S-34	-	-	B0.1 B0.2	10L30 C30
500-5	132-XX2S-09	500/250-5	132-XX3S-42	-	-	B0.2 B0.5	10L40 C40
600-5	132-XX2S-10	600/300-5	132-XX3S-35	600/400/100-5	132-XX4S-70	B0.2 B0.5	10L50 C50
800-5	132-XX2S-11	800/400-5	132-XX3S-36	-	-	B0.5 B0.9	2.5L50 C50
1000-5	132-XX2S-12	1000/500-5	132-XX3S-49	-	-	B0.9 B1.8	2.5L75 C75
1200-5	132-XX2S-13	1200/600-5	132-XX3S-37	1200/800/200-5	132-XX4S-71	0.3 Thru B1.8	2.5L100 C100
1500-5	132-XX2S-14	1500/750-5	132-XX3S-60	-	-	0.3 Thru B1.8	2.5L100 C100
1600-5	132-XX2S-15	1600/800-5	132-XX3S-59	-	-	0.3 Thru B1.8	2.5L100 C100
2000-5	132-XX2S-16	2000/1000-5	132-XX3S-38	-	-	0.3 Thru B1.8	2.5L100 C100
3000-5	132-XX2S-18	3000/1500-5	132-XX3S-39	-	-	0.3 Thru B1.8	2.5L200 C200
4000-5	132-XX2S-20	4000/2000-5	132-XX3S-40	-	-	0.3 Thru B1.8	2.5L200 C200

Style Number 132-XX 'N' S -??? units have a quantity 'N' Terminals on the side 'S' of the casting.

To order, from the table above, select a Style Number for the specific ratio and no. of side terminals required.

Referring to the Outline Drawing, substitute the window designation of your choice for the 'XX'.



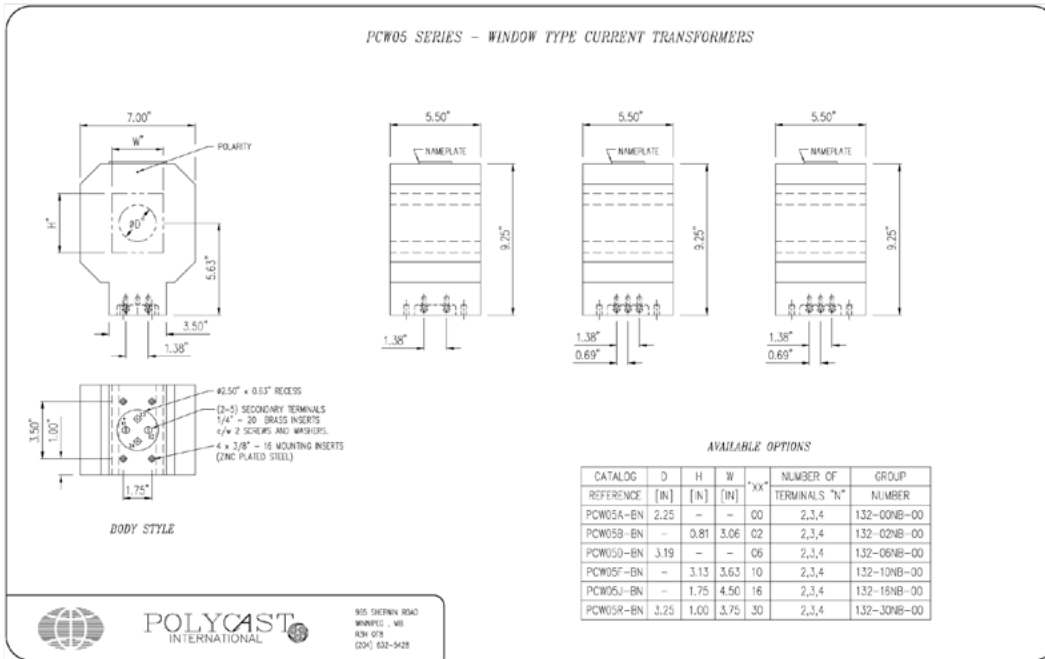
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 www.polycast.ca

# Current Transformers

## PCW05 Series - Outline Details

Bottom Terminals, Indoor, Window Type



## Ratings and Performance Data

Voltage Class - 5.0kV      Frequency - 60Hz      Impulse (BIL) - 60kV      Hipot - 19kV  
 Thermal withstand (1 sec) - 100xN      Mechanical withstand (1 sec) - 250xN  
 Continuous current rating factor (CCRF) - **Minimum:** 1.33 @ 30C, 1.0 @ 55C  
 Metering and/or relaying accuracy units available to ANSI C57.13, CSA Can3-C13 or IEC 185  
 Revenue Billing Approval available on some models and ratios.

### Style Numbers

### PCW05- Series with Bottom Terminals

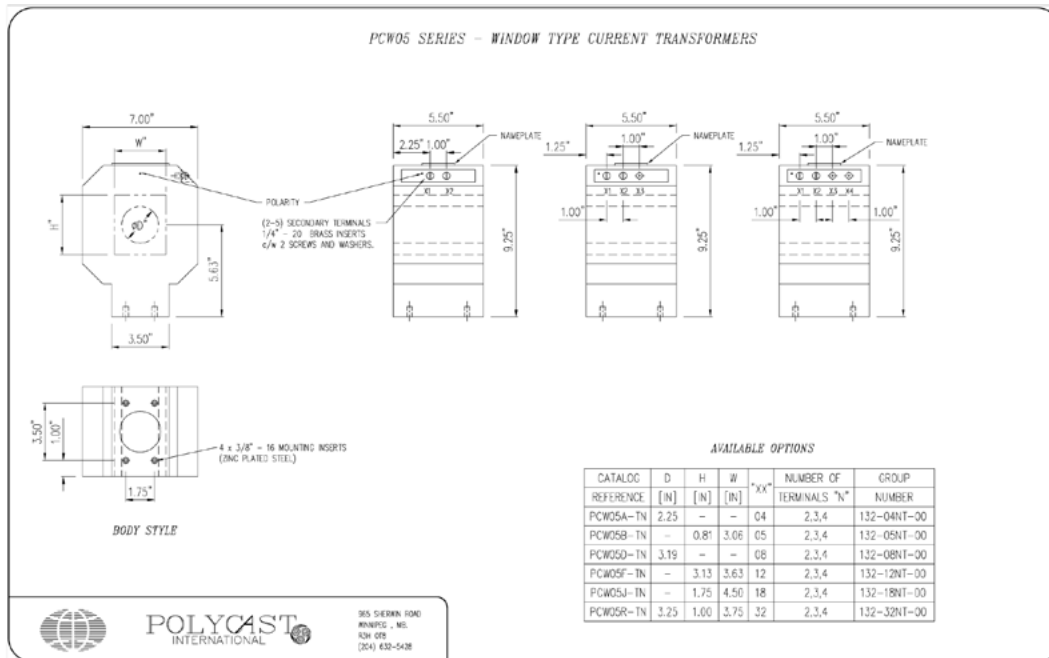
SINGLE RATIO		DUAL RATIO		MULTI RATIO		ACCURACY	
RATIO (AMPS)	STYLE NUMBER	RATIO (AMPS)	STYLE NUMBER	RATIO (AMPS)	STYLE NUMBER	METERING CSA 0.3	RELAYING ANSI 0.6
100-5	132-XX2B-03	100/50-5	132-XX3B-31	-	-	-	10L10 C10
200-5	132-XX2B-05	200/100-5	132-XX3B-32	-	-	-	10L20 C20
300-5	132-XX2B-07	300/150-5	132-XX3B-33	-	-	-	10L20 C20
400-5	132-XX2B-08	400/200-5	132-XX3B-34	-	-	B0.1 B0.2	10L30 C30
500-5	132-XX2B-09	500/250-5	132-XX3B-42	-	-	B0.2 B0.5	10L40 C40
600-5	132-XX2B-10	600/300-5	132-XX3B-35	600/400/100-5	132-XX4B-70	B0.2 B0.5	10L50 C50
800-5	132-XX2B-11	800/400-5	132-XX3B-36	-	-	B0.5 B0.9	2.5L50 C50
1000-5	132-XX2B-12	1000/500-5	132-XX3B-49	-	-	B0.9 B1.8	2.5L75 C75
1200-5	132-XX2B-13	1200/600-5	132-XX3B-37	1200/800/200-5	132-XX4B-71	0.3 Thru B1.8	2.5L100 C100
1500-5	132-XX2B-14	1500/750-5	132-XX3B-60	-	-	0.3 Thru B1.8	2.5L100 C100
1600-5	132-XX2B-15	1600/800-5	132-XX3B-59	-	-	0.3 Thru B1.8	2.5L100 C100
2000-5	132-XX2B-16	2000/1000-5	132-XX3B-38	-	-	0.3 Thru B1.8	2.5L100 C100
3000-5	132-XX2B-18	3000/1500-5	132-XX3B-39	-	-	0.3 Thru B1.8	2.5L200 C200
4000-5	132-XX2B-20	4000/2000-5	132-XX3B-40	-	-	0.3 Thru B1.8	2.5L200 C200

Style Number 132- XX 'N' B - ??? units have a quantity 'N' Terminals on the bottom 'B' of the casting.  
 To order, from the table above, select a Style Number for the specific ratio and no. of bottom terminals required.  
 Referring to the Outline Drawing, substitute the window designation of your choice for the 'XX'.

# Current Transformers

## PCW05 Series - Outline Details

Top Terminals, Indoor, Window Type



### Ratings and Performance Data

Voltage Class - 5.0kV      Frequency - 60Hz      Impulse (BIL) - 60kV      Hipot - 19kV  
 Thermal withstand (1 sec) - 100xN      Mechanical withstand (1 sec) - 250xN  
 Continuous current rating factor (CCRF) - **Minimum:** 1.33 @ 30C, 1.0 @ 55C  
 Metering and/or relaying accuracy units available to ANSI C57.13, CSA Can3-C13 or IEC 185  
 Revenue Billing Approval available on some models and ratios.

### Style Numbers

### PCW05- Series with Top Terminals

SINGLE RATIO		DUAL RATIO		MULTI RATIO		ACCURACY	
RATIO (AMPS)	STYLE NUMBER	RATIO (AMPS)	STYLE NUMBER	RATIO (AMPS)	STYLE NUMBER	METERING CSA /ANSI 0.3 0.6	RELAYING CSA ANSI
100-5	132-XX2T-03	100/50-5	132-XX3T-31	-	-	-	10L10 C10
200-5	132-XX2T-05	200/100-5	132-XX3T-32	-	-	-	10L20 C20
300-5	132-XX2T-07	300/150-5	132-XX3T-33	-	-	- B0.1	10L20 C20
400-5	132-XX2T-08	400/200-5	132-XX3T-34	-	-	B0.1 B0.2	10L30 C30
500-5	132-XX2T-09	500/250-5	132-XX3T-42	-	-	B0.2 B0.5	10L40 C40
600-5	132-XX2T-10	600/300-5	132-XX3T-35	600/400/100-5	132-XX4T-70	B0.2 B0.5	10L50 C50
800-5	132-XX2T-11	800/400-5	132-XX3T-36	-	-	B0.5 B0.9	2.5L50 C50
1000-5	132-XX2T-12	1000/500-5	132-XX3T-49	-	-	B0.9 B1.8	2.5L75 C75
1200-5	132-XX2T-13	1200/600-5	132-XX3T-37	1200/800/200-5	132-XX4T-71	0.3 Thru B1.8	2.5L100 C100
1500-5	132-XX2T-14	1500/750-5	132-XX3T-60	-	-	0.3 Thru B1.8	2.5L100 C100
1600-5	132-XX2T-15	1600/800-5	132-XX3T-59	-	-	0.3 Thru B1.8	2.5L100 C100
2000-5	132-XX2T-16	2000/1000-5	132-XX3T-38	-	-	0.3 Thru B1.8	2.5L100 C100
3000-5	132-XX2T-18	3000/1500-5	132-XX3T-39	-	-	0.3 Thru B1.8	2.5L200 C200
4000-5	132-XX2T-20	4000/2000-5	132-XX3T-40	-	-	0.3 Thru B1.8	2.5L200 C200

Style Number 132- XX 'N' T - ??? units have a quantity 'N' Terminals on the top 'T' of the casting.

To order, from the table above, select a Style Number for the specific ratio and no. of top terminals required.

Referring to the Outline Drawing, substitute the window designation of your choice for the 'XX'.



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