



*Price List Zero Crossing*  
**SCR 1, 2 & 3 Legs**

**Effective : Jan. 2009**

<u>Model</u>	<u>Volt (max.)</u>	<u>Amp</u>	<u>Control Signal</u>	<u>Price</u>	<u>Price 3 legs</u>	<u>Enclosure Type*</u>
CCS-15-1	600-1-60	15	Multiple	369.50	N/A	A
CCS-15-3	600-3-60	15	Multiple	473.50	681.50	A
CCS-30-1	600-1-60	30	Multiple	437.00	N/A	A
CCS-30-3	600-3-60	30	Multiple	525.50	791.00	A
CCS-40-1	600-1-60	40	Multiple	453.00	N/A	A
CCS-40-3	600-3-60	40	Multiple	733.50	1098.00	B
CCS-50-1	600-1-60	50	Multiple	718.00	N/A	A
CCS-50-3	600-3-60	50	Multiple	1066.50	1602.50	B
CCS-75-1	600-1-60	75	Multiple	1072.00	N/A	A
CCS-75-3	600-3-60	75	Multiple	1295.50	1784.50	B
CCS-90-1	600-1-60	90	Multiple	1311.00		B
CCS-90-3	600-3-60	90	Multiple	1784.50	2674.00	C
CCS-135-1	600-1-60	135	Multiple	1883.50	N/A	B
CCS-135-3	600-3-60	135	Multiple	2476.50	3376.50	C
CCS-165-1	600-1-60	165	Multiple	2429.50	N/A	B
CCS-165-3	600-3-60	165	Multiple	3028.00	4354.00	C
CCS-200-1	600-1-60	200	Multiple	2965.50	N/A	C
CCS-200-3	600-3-60	200	Multiple	4260.50	6206.00	C
CCS-250-1	600-1-60	250	Multiple	3329.50	N/A	C
CCS-250-3	600-3-60	250	Multiple	4807.00	7028.00	E
CCS-300-1	600-1-60	300	Multiple	3761.00	N/A	E
CCS-300-3	600-3-60	300	Multiple	5353.00	7850.00	E
CCS-350-1	600-1-60	350	Multiple	4198.00	N/A	E
CCS-350-3	600-3-60	350	Multiple	5790.00	8505.50	E
CCS-400-1	600-1-60	400	Multiple	4645.50	N/A	E
CCS-400-3	600-3-60	400	Multiple	6284.00	9244.00	E
CCS-500-1	600-1-60	500	Multiple	5134.50	N/A	E
CCS-500-3	600-3-60	500	Multiple	6913.50	10180.50	E

Note 1: Pneumatic interface (analog): MIE-PN add \$375.00 to list price.

Note 2: Enclosure "D" w/o xfo and terminal bloc

Note 3: Enclosure A,B,C are complete with xfo and terminal bloc

\*Remote Box Addition List Prices

A = 12" X 12" X 8" \$560.00

B = 16" X 12" X 12" \$580.00

C = 20" X 18" X 12" \$585.00

D = 7" X 10" X 6" \$ 90.00

E = Call Factory

- Terms:**
- Taxes extra
  - F.O.B. Quebec City
  - Delivery lead time : 5 days after credit is approved.
  - Price subject to change without notice.



Effective : Jan. 2009

**TRIAC 1, 2 & 3 Legs**

<u>Model</u>	<u>Volt</u> <u>(max.)</u>	<u>Amp</u>	<u>Signal</u>	<u>Price</u>	<u>Price</u> <u>3 legs</u>	<u>Enclosure</u> <u>Type*</u>
CCT-10-1	347-1-60	10	3-32VDC/24VAC	78.00	N/a	D
CCT-15-1	347-1-60	15	3-32VDC/24VAC	99.00	N/a	D
CCT-15-3	600-3-60	15	3-32VDC/24VAC	401.00	604.00	A
CCT-25-1	347-1-60	25	3-32VDC/24VAC	114.50	N/a	D
CCT-30-1	600-1-60	30	3-32VDC/24VAC	177.00	N/a	A
CCT-30-3	600-3-60	30	3-32VDC/24VAC	442.50	655.50	A
CCT-40-1	600-1-60	40	3-32VDC/24VAC	432.00	N/a	A
CCT-40-3	600-3-60	40	3-32VDC/24VAC	718.00	1004.00	B
CCT-50-1	600-1-60	50	3-32VDC/24VAC	750.00	N/a	A
CCT-50-3	600-3-60	50	3-32VDC/24VAC	968.00	1597.50	B
CCT-75-1	600-1-60	75	3-32VDC/24VAC	1072.00	N/a	A
CCT-75-3	600-3-60	75	3-32VDC/24VAC	1191.50	1784.00	B
CCT-90-1	600-1-60	90	3-32VDC/24VAC	1311.00	N/a	B
CCT-90-3	600-3-60	90	3-32VDC/24VAC	1784.00	2673.50	C
CCT-135-1	600-1-60	135	3-32VDC/24VAC	1519.00	N/a	B
CCT-135-3	600-3-60	135	3-32VDC/24VAC	2003.50	3012.00	C
CCT-165-1	600-1-60	165	3-32VDC/24VAC	2065.50	N/a	B
CCT-165-3	600-3-60	165	3-32VDC/24VAC	2663.50	3886.50	C
CCT-200-1	600-1-60	200	3-32VDC/24VAC	2601.00	N/a	C
CCT-200-3	600-3-60	200	3-32VDC/24VAC	3901.50	5847.00	C
CCT-250-1	600-1-60	250	3-32VDC/24VAC	2960.00	N/a	C
CCT-250-3	600-3-60	250	3-32VDC/24VAC	4442.00	6664.00	E
CCT-300-1	600-1-60	300	3-32VDC/24VAC	3396.50	N/a	E
CCT-300-3	600-3-60	300	3-32VDC/24VAC	4994.00	7486.00	E
CCT-350-1	600-1-60	350	3-32VDC/24VAC	3839.50	N/a	E
CCT-350-3	600-3-60	350	3-32VDC/24VAC	5425.50	8142.00	E

Note 1: Pneumatic interface (on/off): MIE-PNT, add \$375.00 to list price.

Note 2: Enclosure "D" w/o xfo and terminal block

Note 3: Enclosures A,B,C are complete with xfo and terminal block

\*A = 12" X 12" X 8" \$560.00

B = 16" X 12" X 12" \$580.00

C = 20" X 18" X 12" \$585.00

D = 7" X 10" X 6" \$ 90.00

E = Call Factory

- Terms:**
- Taxes extra
  - F.O.B. Quebec
  - 5 days delivery



*Price List Zero Crossing*

**Effective : Jan. 2009 TRIAC (input 120VAC) 1, 2 & 3 Legs**

<u>Model</u>	<u>Volt (max.)</u>	<u>Amp</u>	<u>Signal</u>	<u>Price</u>	<u>Price 3 legs</u>	<u>Enclosure Type*</u>
CCT-15-3-120	600-3-60	15	120VAC	494.50	739.00	A
CCT-30-1-120	600-1-60	30	120VAC	213.50	N/A	A
CCT-30-3-120	600-3-60	30	120VAC	535.50	801.00	A
CCT-40-1-120	600-1-60	40	120VAC	525.50	N/A	A
CCT-40-3-120	600-3-60	40	120VAC	869.00	1701.00	B
CCT-50-1-120	600-1-60	50	120VAC	910.50	N/A	A
CCT-50-3-120	600-3-60	50	120VAC	1170.50	1758.50	B
CCT-75-1-120	600-1-60	75	120VAC	1175.50	N/A	A
CCT-75-3-120	600-3-60	75	120VAC	1295.50	1945.50	B
CCT-90-1-120	600-1-60	90	120VAC	1394.50	N/A	B
CCT-90-3-120	600-3-60	90	120VAC	1867.50	2372.00	C
CCT-135-1-120	600-1-60	135	120VAC	1602.20	N/A	B
CCT-135-3-120	600-3-60	135	120VAC	2128.00	3194.00	C
CCT-165-1-120	600-1-60	165	120VAC	2185.00	N/A	C
CCT-165-3-120	600-3-60	165	120VAC	2799.00	4193.00	C
CCT-200-1-120	600-1-60	200	120VAC	2736.50	N/A	C
CCT-200-3-120	600-3-60	200	120VAC	4052.50	6076.00	C
CCT-250-1-120	600-1-60	250	120VAC	3100.50	N/A	C
CCT-250-3-120	600-3-60	250	120VAC	4614.50	6918.50	E
CCT-300-1-120	600-1-60	300	120VAC	3548.00	N/A	E
CCT-300-3-120	600-3-60	300	120VAC	5176.00	7735.50	E
CCT-350-1-120	600-1-60	350	120VAC	3995.50	N/A	E
CCT-350-3-120	600-3-60	350	120VAC	5618.50	8427.50	E

Note : Enclosures A,B,C are complete with xfo and terminal block

- Terms:**
- Taxes extra
  - F.O.B. Quebec
  - 5 days delivery

Remote Box Addition List Prices  
 A = 12" X 12" X 8" \$560.00  
 B = 16" X 12" X 12" \$580.00  
 C = 20" X 18" X 12" \$585.00  
 E = Call Factory



*Price List Zero crossing*

Effective : Jan. 2009

**TRIAC Special Models (Single Phase only)**

<u>Model</u>	<u>Volt</u> (max.)	<u>Amp</u>	<u>Signal</u>		<u>Price</u>	<u>Cover</u>
CCT-06-1-S	600-1-60	06	3-32VDC/24VAC		163.50	
CCT-10-1-C1	347-1-60	10	3-32VDC/24VAC		104.00	A
CCT-15-1-C1	347-1-60	15	3-32VDC/24VAC		125.00	A
CCT-15-1-S	347-1-60	15	3-32VDC/24VAC		109.50	Note 4
CCT-15-1-S-T	347-1-60	15	3-32VDC/24VAC		135.50	Note 4
CCT-15-1-S-T240	240-1-60	15	3-32VDC/24VAC		200.50	Note 4
CCT-25-1-C1	347-1-60	25	3-32VDC/24VAC		140.50	A
CCT-25-1-C2-T	347-1-60	25	3-32VDC/24VAC		161.50	B
CCT-25-1-C2-T240	240-1-60	25	3-32VDC/24VAC		226.50	B
CCT-30-1-C2	600-1-60	30	3-32VDC/24VAC		203.00	B
CCT-45-1-C2	600-1-60	45	3-32VDC/24VAC		296.50	B

Note 1: External terminal bloc for input connections

Note 2: **Cover A** 4"x 4" **Cover B** 4 11/16" x 4 11/16"

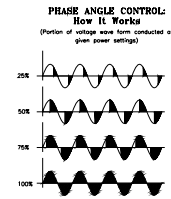
Note 3: To replace cover A by type B, Add \$45.00 list

Note 4: Model designed for installation inside a baseboard heater

- Terms:**
- Taxes extra
  - F.O.B. Quebec
  - 5 days delivery



*Price List Phase Angle*



Effective : Jan. 2009

**SCR Phase Angle**

<u>Model</u>	<u>Volt (max.)</u>	<u>Amp</u>	<u>Signal</u>	<u>Price</u>	<u>With Enclosure</u>	<u>Enclosure Type*</u>
CCPA-15-1	600-1-60	15	Note 3	910.50		A
CCPA-15-3	600-3-60	15	Note 3	1139.50		A
CCPA-30-1	600-1-60	30	Note 3	999.00		A
CCPA-30-3	600-3-60	30	Note 3	1269.50		A
CCPA-40-1	600-1-60	40	Note 3	1160.00		A
CCPA-40-3	600-3-60	40	Note 3	2040.50		B
CCPA-50-1	600-1-60	50	Note 3	1196.50		A
CCPA-50-3	600-3-60	50	Note 3	2096.50		B
CCPA-75-1	600-1-60	75	Note 3	1555.50		A
CCPA-75-3	600-3-60	75	Note 3	2284.00		B
CCPA-100-1	600-1-60	100	Note 3	1805.00		B
CCPA-100-3	600-3-60	100	Note 3	3189.00		C
CCPA-135-1	600-1-60	135	Note 3	2013.50		B
CCPA-135-3	600-3-60	135	Note 3	3532.50		C
CCPA-165-1	600-1-60	165	Note 3	2674.00		B
CCPA-165-3	600-3-60	165	Note 3	4531.00		C
CCPA-200-1	600-1-60	200	Note 3	3116.00		C
CCPA-200-3	600-3-60	200	Note 3	5977.50		C
CCPA-250-1	600-1-60	250	Note 3	3480.50		C
CCPA-250-3	600-3-60	250	Note 3	6794.00		E
CCPA-300-1	600-1-60	300	Note 3	3927.50		E
CCPA-300-3	600-3-60	300	Note 3	7631.50		E
CCPA-350-1	600-1-60	350	Note 3	4375.00		E
CCPA-350-3	600-3-60	350	Note 3	8297.50		E

Note 1: Semi conductor fuse contact factory

Note 2: For 400 amp and more contact factory

Note 3: Signal 0-10 Vdc or 4-20 Ma

\*A = 12" x 12" x 8" \$560.00  
 B = 16" x 12" x 12" \$580.00  
 C = 20" x 18" x 12" \$585.00  
 E = call Factory

- Terms:**
- Taxes extra
  - F.O.B. Quebec City
  - Delivery lead time : 5 days after credit is approved.
  - Price subject to change without notice.

**CCTHV—100-1-A**



**Description:** Blind thermostat with setpoint adjustment and one pulsed output (500mA).

**Dimensions:** 4 5/8" x 3 5/8"

**Supply:** 18 - 24 VAC

*List Price \$170.00*

**CCTHV-100-1**



**Description:** LCD display thermostat with setpoint adjustment and one pulsed output (500mA).

**Dimensions:** 4 5/8" x 3 5/8"

**Supply:** 18 - 24 VAC

*List Price \$215.00*

**WS-100**

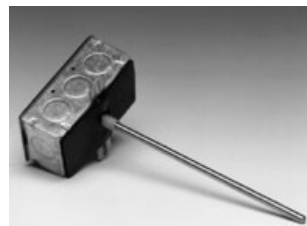


WS-100 : simple room sensor with setpoint adjustment from 10 to 30°C.

To be used with CCT series power control specify option WS-100

*List price \$90.00*

**DS-100**



DS-100 : 10K duct sensor with 8-inch probe

To be used with CCTHV-100 or special CCT with onboard adjustment

*List price \$175.00*

Price List



Effective: Jan. 2009

<u>Model</u>	<u>Specifications</u>	<u>Price</u>
CCE-32-08	8 On/Off Steps + 1 Modulating step Din rail enclosure	925.00
CCE-32-16	16 On/Off Steps + 1 Modulating step Mounted on a 18,5'' x 13'' Back Plate	1750.50
CCE-32-24	24 On/Off Steps + 1 Modulating step Mounted on a 18,5'' x 13'' Back Plate	2576.00
CCE-32-32	32 On/Off Steps + 1 Modulating step Mounted on a 18,5'' x 13'' Back Plate	3402.00

**Note:** Use CCT price list for the modulating step.

- The controller can be from 4 to 32 steps with or without the modulating step.
- Led Status, override switch
- Outputs: 1A @ 24VAC max. (dry contacts)

**Options:**

- LIFO, FIFO, Binary, and more see technical sheet for detailed data.
- 120-1-60 power supply, Add: \$285.00 list
- Enclosures on request, call factory for prices

**Terms:**

- Taxes extra.
- F.O.B Quebec city.
- Delivery five days after credit approval
- Price and specifications subject to change without notice.



Parts Price List

**Effective: Jan. 2009**

<u>Model</u>	<u>Description</u>	<u>List</u>
<b><u>Control Card</u></b>		
MIE-PN	SCR Pneumatic interface	780.50
MIE-PNT	SSR Pneumatic interface	780.50
MIED-1	50 and up SCR control card 1 phase	515.00
MIED-3 (2 legs)	50 and up SCR control card 3 phases	627.50
MIED-3-Y (3 legs)	50 and up SCR 3 phases 3 legs	948.50
MIED-1-24	135 and up SCR control card 1 phase	648.00
MIED-3-24 (2 legs)	135 and up SCR control card 3 phases	800.50
MIED-3Y-24 (3 legs)	135 and up SCR 3 phases 3 legs	964.00
MIET-1	50 and up SSR control card 1 phase	566.50
MIET-3 (2 legs)	50 and up SSR control card 3 phases	627.50
MIET-3Y (3 legs)	50 and up SSR 3 phases 3 Legs	1030.50
MIE-PA-1	Phase Angle control card 1 phase	1260.00
MIE-PA-3	Phase Angle control card 3 phases	1596.50
<b><u>Power Module</u></b>		
50 Amp	Thyristor	362.00
75 Amp	Thyristor	423.50
90 Amp	Thyristor	454.00
135 Amp	Thyristor	484.50
165 Amp	Thyristor	520.50
200 Amp	Thyristor	1260.00
250 Amp	Thyristor	1433.50
350 Amp and Up	Thyristor	C/F

- Terms:**
- Taxes extra
  - F.O.B. Quebec
  - Delivery 5 days
  - Prices can change without notice

## ORDERING INFORMATION FOR SCR, TRIAC AND STEP CONTROLLER

**CC - X - XX - X - X - XX - XXX**

### MODELS:

**S** = SCR (Zero Crossing)  
**T** = Triac/SSR (Zero Crossing)  
**PA** = Phase Angle  
**E4 / E8** = Step Controller

### CAPACITY:

**10\*** = 10 Amps  
**15\*** = 15 Amps  
**25\*** = 25 Amps  
**30\*\*** = 30 Amps  
**40\*\*** = 40 Amps  
**50\*\*** = 50 Amps  
**75\*\*** = 75 Amps  
**90\*\*** = 90 Amps  
**135\*\*** = 135 Amps  
**165\*\*** = 165 Amps  
**200\*\*** = 200 Amps  
**250\*\*** = 250 Amps

\* Triac Available only in  
 48@347 Vac 1 phase  
 SCR Available only in  
 15A 48 @ 347 Vac and 48  
 @ 600Vac

**With Enclosure\*\*\* :**  
**A** = 12" x 12" x 8"  
**B** = 16" x 12" x 12"  
**C** = 20" x 18" x 12"  
**D** = 7" x 10" x 6"

**With cover :**  
**C1** = 4" x 4"  
**C2** = 4 11/16" x 4 11/16"  
**Blank** = without  
 complete box.

**1** = 1 Phase  
**3** = 3 Phases (2 Legs)  
**3Y** = 3 Phases (3 Legs)

### Input Signal:

#### Proportionnal

**S1** = 4-20mA  
**S2** = 0-5VDC  
**S3** = 0-10VDC  
**S4** = 0-135 Ohms  
**S5** = Multiple  
**S6** = Thermistor  
 NTC 10 K

#### Digital (Pulsing)

**S7** = 3-32VDC  
 or 24 Vac  
**S8** = 120VAC

#### Pneumatic:

**P** = 0-15 Psi

**Full On:** \_\_\_\_\_

**Full Off:** \_\_\_\_\_

\*\*\*Complete mounted box A,  
 B and C with fuse, terminal  
 block and transformer.

#### Voltage transformer:

**600** = 600/24 Vac  
**480** = 480/24 Vac  
**347** = 347/24 Vac  
**277** = 277/24 Vac  
**240** = 240/24 Vac  
**208** = 208/24 Vac  
**120** = 120/24 Vac

**Other transformer =**  
 (call factory or write it).