

THE PERFECT CHOICE
**INDUSTRIAL
CONTROL
TRANS-
FORMERS CT**



Continuous supply even during critical conditions.

INDUSTRIAL CONTROL TRANSFORMERS

RELIABLE AND EFFICIENT

Our CT series of industrial control transformers is the perfect choice for general purpose and industrial applications.

Primarily engineered for isolation, lighting or signal systems, the CT series provides an economical and efficient solution under regular and even under abnormal conditions.

It ensures a continuous supply of your control circuits combined with a robust design.



Fused version (-1)

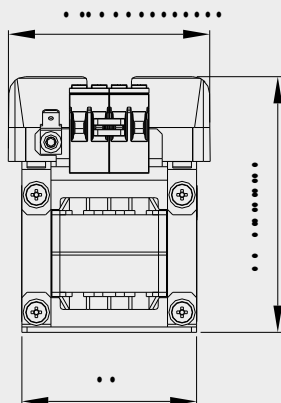
Standard version (-0)

HIGHLIGHTS

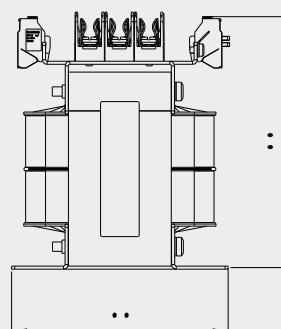
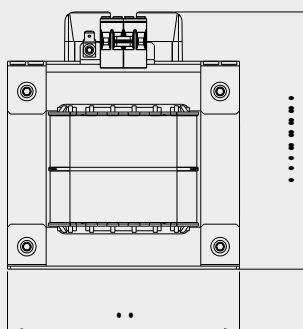
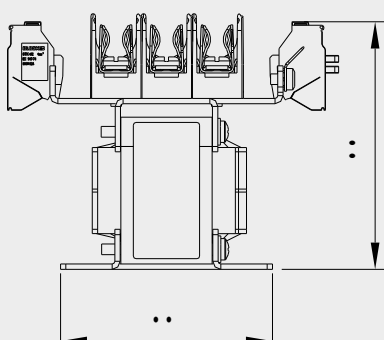
- Fused versions available
- Grounding connection included
- Worldwide use without derating
- Jumpers included for primary voltage selection
- Insulation class B (130°C)
UL Class 130
Temperature rise max. 80 °C
- Input voltage 240 x 480 VAC
or 600 VAC
- Power: 50 - 2500 VA
- Ambient temperature: 104 °F
- Frequency: 50 - 60 Hz
- Approvals
UL 5085-1/-2
CSA 22.2
IEC 61558-1
IEC 61558-2-1



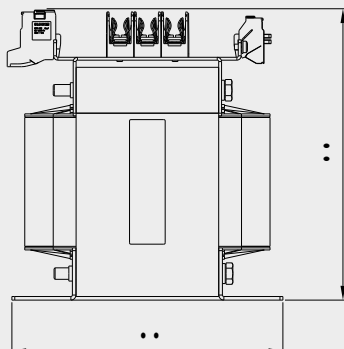
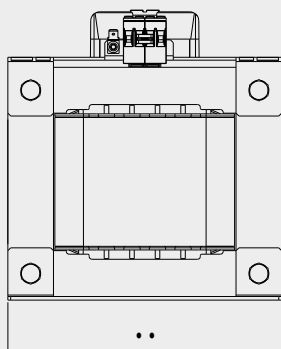
1



2



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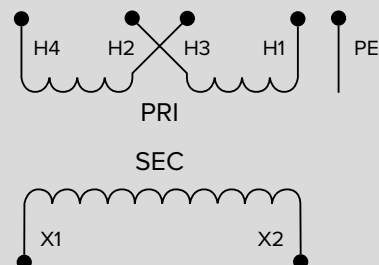
TECHNICAL DATA

GROUP A

Input voltage: **240 x 480 Vac**

Output voltage: **24 Vac**

VA Rating	Order number	Dimension picture	Output Amps	Overall dimensions			Fused dimensions		Weight (lbs)
				A	B	C	A	C	
50	CT-005-048-24-x	1	2.08	2.60	3.15	3.65	2.98	3.76	2.20
75	CT-007-048-24-x	1	3.12	3.07	3.11	4.04	3.07	4.15	2.43
100	CT-010-048-24-x	1	4.17	3.07	3.23	4.04	3.07	4.15	3.31
150	CT-015-048-24-x	2	6.25	3.78	3.94	4.63	3.78	4.74	4.85
200	CT-020-048-24-x	2	8.33	3.78	4.25	4.63	3.78	4.74	6.17
250	CT-025-048-24-x	2	10.4	3.78	4.80	4.63	3.78	4.74	7.72
300	CT-030-048-24-x	2	12.5	4.72	4.09	5.42	4.72	5.53	8.82
350	CT-035-048-24-x	2	14.6	4.72	4.80	5.42	4.72	5.53	11.02



For primary	Connect to	Position jumper
240 V	H1 - H4	H1-H3 & H2-H4
480 V	H1 - H4	H2-H3

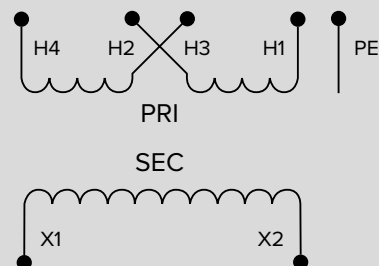
For secondary	Connect to	Position jumper
24 V	X1 - X2	—

GROUP B

Input voltage: **240 x 480 Vac**

Output voltage: **120 Vac**

VA Rating	Order number	Dimension picture	Output Amps	Overall dimensions			Fused dimensions		Weight (lbs)
				A	B	C	A	C	
50	CT-005-048-12-x	1	0.42	2.60	3.15	3.65	2.98	3.76	2.20
75	CT-007-048-12-x	1	0.63	3.07	3.11	4.04	3.07	4.15	2.43
100	CT-010-048-12-x	1	0.83	3.07	3.23	4.04	3.07	4.15	3.31
150	CT-015-048-12-x	2	1.25	3.78	3.94	4.63	3.78	4.74	4.85
200	CT-020-048-12-x	2	1.67	3.78	4.25	4.63	3.78	4.74	6.17
250	CT-025-048-12-x	2	2.08	3.78	4.80	4.63	3.78	4.74	7.72
300	CT-030-048-12-x	2	2.50	4.72	4.09	5.42	4.72	5.53	8.82
350	CT-035-048-12-x	2	2.92	4.72	4.80	5.42	4.72	5.53	11.02
500	CT-050-048-12-x	2	4.17	4.72	5.71	5.42	4.72	5.53	14.99
750	CT-075-048-12-x	2	6.25	5.91	5.51	6.41	5.91	6.51	21.61
1000	CT-100-048-12-x	2	8.33	6.85	5.71	7.21	6.85	7.32	24.69
1500	CT-150-048-12-x	3	12.5	7.56	6.50	7.80	7.56	7.91	36.82
2000	CT-200-048-12-x	3	16.7	7.56	7.09	7.97	7.56	7.97	46.3
2500	CT-250-048-12-x	3	20.8	7.56	7.48	7.97	7.56	7.97	56.88



For primary	Connect to	Position jumper
240 V	H1 - H4	H1-H3 & H2-H4
480 V	H1 - H4	H2-H3

For secondary	Connect to	Position jumper
120 V	X1 - X2	—

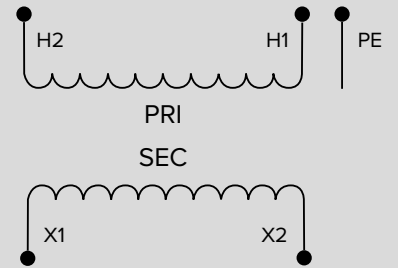
x = 0: Standard version
 1: 3-pole fuseblock included
 Other voltages available upon request.

GROUP C

Input voltage: **600 Vac**

Output voltage: **24 Vac**

VA Rating	Order number	Dimension picture	Output Amps	Overall dimensions			Fused dimensions		Weight (lbs)
				A	B	C	A	C	
50	CT-005-060-24-x	1	2.08	2.60	3.15	3.65	2.98	3.76	2.20
75	CT-007-060-24-x	1	3.12	3.07	3.11	4.04	3.07	4.15	2.43
100	CT-010-060-24-x	1	4.17	3.07	3.23	4.04	3.07	4.15	3.31
150	CT-015-060-24-x	2	6.25	3.78	3.94	4.63	3.78	4.74	4.85
200	CT-020-060-24-x	2	8.33	3.78	4.25	4.63	3.78	4.74	6.17
250	CT-025-060-24-x	2	10.4	3.78	4.80	4.63	3.78	4.74	7.72
300	CT-030-060-24-x	2	12.5	4.72	4.09	5.42	4.72	5.53	8.82
350	CT-035-060-24-x	2	14.6	4.72	4.80	5.42	4.72	5.53	11.02



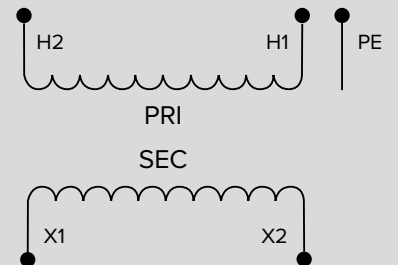
For primary	Connect to	Position jumper
600 V	H1 - H2	—
For secondary	Connect to	Position jumper
24 V	X1 - X2	—

GROUP D

Input voltage: **600 Vac**

Output voltage: **120 Vac**

VA Rating	Order number	Dimension picture	Output Amps	Overall dimensions			Fused dimensions		Weight (lbs)
				A	B	C	A	C	
50	CT-005-060-12-x	1	0.42	2.60	3.15	3.65	2.98	3.76	2.20
75	CT-007-060-12-x	1	0.63	3.07	3.11	4.04	3.07	4.15	2.43
100	CT-010-060-12-x	1	0.83	3.07	3.23	4.04	3.07	4.15	3.31
150	CT-015-060-12-x	2	1.25	3.78	3.94	4.63	3.78	4.74	4.85
200	CT-020-060-12-x	2	1.67	3.78	4.25	4.63	3.78	4.74	6.17
250	CT-025-060-12-x	2	2.08	3.78	4.80	4.63	3.78	4.74	7.72
300	CT-030-060-12-x	2	2.50	4.72	4.09	5.42	4.72	5.53	8.82
350	CT-035-060-12-x	2	2.92	4.72	4.80	5.42	4.72	5.53	11.02
500	CT-050-060-12-x	2	4.17	4.72	5.71	5.42	4.72	5.53	14.99
750	CT-075-060-12-x	2	6.25	5.91	5.51	6.41	5.91	6.51	21.61
1000	CT-100-060-12-x	2	8.33	6.85	5.71	7.21	6.85	7.32	24.69
1500	CT-150-060-12-x	3	12.5	7.56	6.50	7.80	7.56	7.91	36.82
2000	CT-200-060-12-x	3	16.7	7.56	7.09	7.97	7.56	7.97	46.3
2500	CT-250-060-12-x	3	20.8	7.56	7.48	7.97	7.56	7.97	56.88



For primary	Connect to	Position jumper
600 V	H1 - H2	—
For secondary	Connect to	Position jumper
120 V	X1 - X2	—

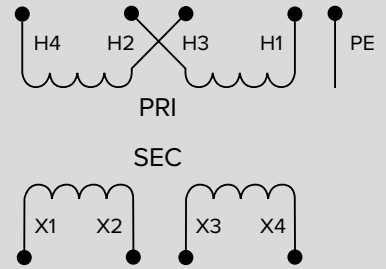
x = 0: Standard version
 1: 3-pole fuseblock included
 Other voltages available upon request.

GROUP E

Input voltage: **240 x 480 Vac**

Output voltage: **120 Vac + 24 Vac**

VA Rating	Order number	Dimension picture	Output Amps		Overall dimensions			Fused dimensions		Weight (lbs)
			120 V	24 V	A	B	C	A	C	
50	CT-005-048-X1-0	1	0.31	0.5	2.60	3.15	3.65	2.98	3.76	2.20
75	CT-007-048-X1-0	1	0.47	0.8	3.07	3.11	4.04	3.07	4.15	2.43
100	CT-010-048-X1-0	1	0.63	1.0	3.07	3.23	4.04	3.07	4.15	3.31
150	CT-015-048-X1-0	2	0.94	1.6	3.78	3.94	4.63	3.78	4.74	4.85
200	CT-020-048-X1-0	2	1.25	2.1	3.78	4.25	4.63	3.78	4.74	6.17
250	CT-025-048-X1-0	2	1.56	2.6	3.78	4.80	4.63	3.78	4.74	7.72
300	CT-030-048-X1-0	2	1.88	3.1	4.72	4.09	5.42	4.72	5.53	8.82
350	CT-035-048-X1-0	2	2.19	3.7	4.72	4.80	5.42	4.72	5.53	11.02
500	CT-050-048-X1-0	2	3.13	5.2	4.72	5.71	5.42	4.72	5.53	14.99



For primary	Connect to	Position jumper
240 V	H1 - H4	H1-H3 & H2-H4
480 V	H1 - H4	H2-H3

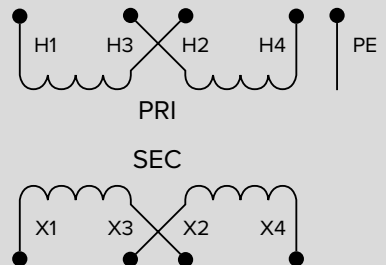
	For secondary	Connect to	Position jumper
Variant 1	120 V	X1 - X2	—
Variant 2	120 V & 24 V	X1-X2 & X3-X4	—

GROUP F

Input voltage: **240 x 480 Vac**

Output voltage: **120 V x 240 V**

VA Rating	Order number	Dimension picture	Output Amps	Overall dimensions			Fused dimensions		Weight (lbs)
				A	B	C	A	C	
50	CT-005-048-X2-0	1	2x 0.21	2,6	3,15	3,65	2,98	3,76	2,2
75	CT-007-048-X2-0	1	2x 0.31	3,07	3,11	4,04	3,07	4,15	2,43
100	CT-010-048-X2-0	1	2x 0.42	3,07	3,23	4,04	3,07	4,15	3,31
150	CT-015-048-X2-0	2	2x 0.63	3,78	3,94	4,63	3,78	4,74	4,85
200	CT-020-048-X2-0	2	2x 0.83	3,78	4,25	4,63	3,78	4,74	6,17
250	CT-025-048-X2-0	2	2x 1.04	3,78	4,8	4,63	3,78	4,74	7,72
350	CT-035-048-X2-0	2	2x 1.46	4,72	4,8	5,42	4,72	5,53	11,02
500	CT-050-048-X2-0	2	2x 2.08	4,72	5,71	5,42	4,72	5,53	14,99
750	CT-075-048-X2-0	2	2x 3.13	5,91	5,51	6,41	5,91	6,51	21,61
1000	CT-100-048-X2-0	2	2x 4.17	6,85	6,5	7,21	6,85	7,32	24,69
1500	CT-150-048-X2-0	3	2x 6.25	7,56	7,09	7,8	7,56	7,91	36,82
2000	CT-200-048-X2-0	3	2x 8.33	7,56	7,48	7,97	7,56	7,97	46,3



For primary	Connect to	Position jumper
240 V	H1 - H4	H1-H3 & H2-H4
480 V	H1 - H4	H2-H3

	For secondary	Connect to	Position jumper
Variant 1	120 V	X1 - X4	X1 - X3 & X2 - X4
Variant 2	240 V	X1 - X4	X2 - X3

x = 0: Standard version
1: 3-pole fuseblock included

Other voltages available upon request.

A GLOBAL GROUP



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