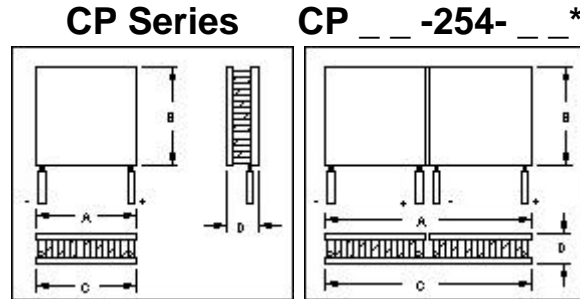


MELCOR CP Series

Mechanical Characteristics



CP Series Specifications

Catalog Number ¹	I _{max} (Amps)	T _H = 25°C			N	Dimensions (mm)			
		Q _{max} ² (Watts)	V _{max} (Volts)	DT _{max} (°C)		A	B	C	D ³
CP 0.8-7-06L	2.1	1	0.85	67	7	6	6	6	3.4
CP 0.8-17-06L	2.1	2.4	2.06	67	17	9	9	9	3.4
CP 0.8-31-06L	2.1	4.4	3.75	67	31	12	12	12	3.4
CP 0.8-63-06L	2.1	9	7.62	67	63	12	25	12	3.4
CP 0.8-71-06L	2.1	10.1	8.6	67	71	18	18	18	3.4
CP 0.8-127-06L	2.1	18.1	15.4	67	127	25	25	25	3.4
CP 0.8-254-06L*	2.1/4.2	36.2	30.8/15.4	67	254	50	25	50	3.4
CP 0.8-127-05L	2.6	22.4	15.4	67	127	25	25	25	3.1

CP 0.8-254-05L*	2.6/5.2	44.8	30.8/15.4	67	254	50	25	50	3.1
CP 1.0-7-08L	2.5	1.2	0.85	67	7	8	8	8	4
CP 1.0-17-08L	2.5	2.9	2.06	67	17	12	12	12	4
CP 1.0-31-08L	2.5	5.3	3.75	67	31	15	15	15	4
CP 1.0-63-08L	2.5	10.6	7.62	67	63	15	30	15	4
CP 1.0-71-08L	2.5	12	8.6	67	71	23	23	23	4
CP 1.0-127-08L	2.5	21.4	15.4	67	127	30	30	30	4
CP 1.0-254-08L*	2.5/5.0	42.8	30.8/15.4	67	254	60	30	60	4
CP 1.0-7-06L	3	1.4	0.85	67	7	8	8	8	3.6
CP 1.0-17-06L	3	3.4	2.06	67	17	12	12	12	3.6
CP 1.0-31-06L	3	6.3	3.75	67	31	15	15	15	3.6
CP 1.0-63-06L	3	12.7	7.62	67	63	15	30	15	3.6
CP 1.0-71-06L	3	14.4	8.6	67	71	23	23	23	3.6
CP 1.0-127-06L	3	25.7	15.4	67	127	30	30	30	3.6
CP 1.0-254-06L*	3.0/6.0	51.4	30.8/15.4	67	254	60	30	60	3.6
CP 1.0-7-05L	3.9	1.8	0.85	67	7	8	8	8	3.2
CP 1.0-17-05L	3.9	4.5	2.06	67	17	12	12	12	3.2
CP 1.0-31-05L	3.9	8.2	3.75	67	31	15	15	15	3.2

CP 1.0-63-05L	3.9	16.6	7.62	67	63	15	30	15	3.2
CP 1.0-71-05L	3.9	18.7	8.6	67	71	23	23	23	3.2
CP 1.0-127-05L	3.9	33.4	15.4	67	127	30	30	30	3.2
CP 1.0-254-05L*	3.9/7.8	66.8	30.8/15.4	67	254	60	30	60	3.2
CP 1.4-11-10L	3.9	2.9	1.33	70	11	10	15	10	4.7
CP 1.4-17-10L	3.9	4.5	2.06	70	17	15	15	15	4.7
CP 1.4-31-10L	3.9	8.2	3.75	70	31	20	20	20	4.7
CP 1.4-35-10L	3.9	9.2	4.24	70	35	15	30	15	4.7
CP 1.4-71-10L	3.9	18.7	8.6	70	71	30	30	30	4.7
CP 1.4-127-10L	3.9	33.4	15.4	70	127	40	40	40	4.7
CP 1.4-11-06L	6	4.4	1.33	67	11	10	15	10	3.8
CP 1.4-17-06L	6	6.9	2.06	67	17	15	15	15	3.8
CP 1.4-31-06L	6	12.5	3.75	67	31	20	20	20	3.8
CP 1.4-35-06L	6	14.2	4.24	67	35	15	30	15	3.8
CP 1.4-71-06L	6	28.7	8.6	67	71	30	30	30	3.8
CP 1.4-127-06L	6	51.4	15.4	67	127	40	40	40	3.8
CP 1.4-11-045L	8.5	6	1.33	67	11	10	15	10	3.3

CP 1.4-17-045L	8.5	9.2	2.06	67	17	15	15	15	3.3
CP 1.4-31-045L	8.5	16.8	3.75	67	31	20	20	20	3.3
CP 1.4-35-045L	8.5	19	4.24	67	35	15	30	15	3.3
CP 1.4-71-045L	8.5	38.5	8.6	67	71	30	30	30	3.3
CP 1.4-127-045L	8.5	72	15.4	67	127	40	40	40	3.3
CP 2-17-10L	9	10.3	2.06	70	17	22	22	22	5.6
CP 2-31-10L	9	18.8	3.75	70	31	30	30	30	5.6
CP 2-49-10L	9	29.7	5.93	70	49	36	36	36	5.6
CP 2-71-10L	9	43.1	8.6	70	71	44	44	44	5.6
CP 2-127-10L	9	77.1	15.4	70	127	62	62	62	5.6
CP 2-17-06L	14	16	2.06	67	17	22	22	22	4.6
CP 2-31-06L	14	29.3	3.75	67	31	30	30	30	4.6
CP 2-49-06L	14	46.2	5.93	67	49	36	36	36	4.6
CP 2-71-06L	14	67	8.6	67	71	44	44	44	4.6
CP 2-127-06L	14	120	15.4	67	127	62	62	62	4.6
CP 2.8-31-06L	24	50.2	3.75	67	31	40	40	40	5
CP 5-31-10L	39	81.5	3.75	70	31	55	55	55	5.8
CP 5-31-06L	60	125	3.75	67	31	55	55	55	4.9

¹Please specify the surface finish by adding one of the following codes to the end of the catalog number:

- Type L Both hot and cold faces lapped flat.
Type TT Both faces metallized and tinned. Two face soldering in sizes larger than 12 x 12 mm is not recommended. Consult MELCOR for details.
Type TL Hybrid, hot face tinned, cold face lapped.
Type LT Hybrid, hot face lapped, cold face tinned.

² Conditions for Q_{max} : $DT = 0^\circ$, $I = I_{max}$, $V = V_{max}$, and $T_H = 25^\circ C$.

³ Thickness is for Type L only.

* These modules have four leads and can be wired in series or parallel. The specifications table indicates maximum values for V and I when "Wired in Series" / "Wired in Parallel".