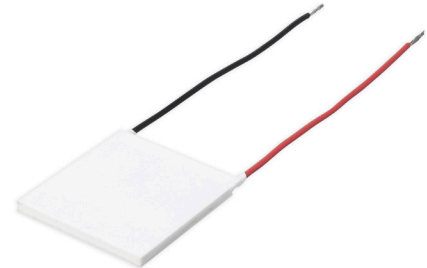


SERIES: CP110 | **DESCRIPTION:** PELTIER MODULE**FEATURES**

- arcTEC™ structure
- enhanced reliability for high thermal cycling
- superior thermal performance
- silicon sealed
- wide ΔT max
- precise temperature control
- solid state construction

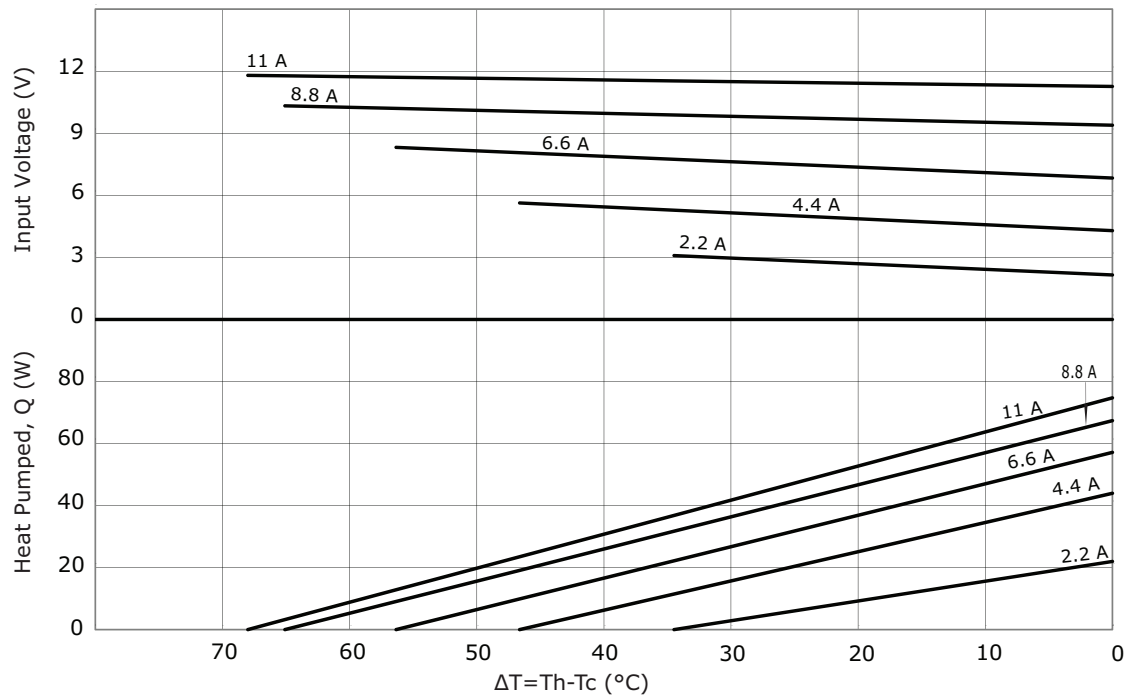
**MODEL**

MODEL	input voltage ¹ max (Vdc)	input current ² max (A)	internal resistance ³ typ ($\Omega \pm 10\%$)	output Qmax ⁴		output ΔT max ⁵	
				T _h =27°C (W)	T _h =50°C (W)	T _h =27°C (°C)	T _h =50°C (°C)
CP1130325	11.8	11.0	0.9	74.7	82	68	75
CP1140203	7.6	11.0	0.53	48	52	70	77
CP11404432	24.1	11.0	1.65	156	171	70	77
CP115035335	16.8	11.0	1.18	106	116	70	77
CP115559405	24.6	11.0	1.66	154	169	70	77

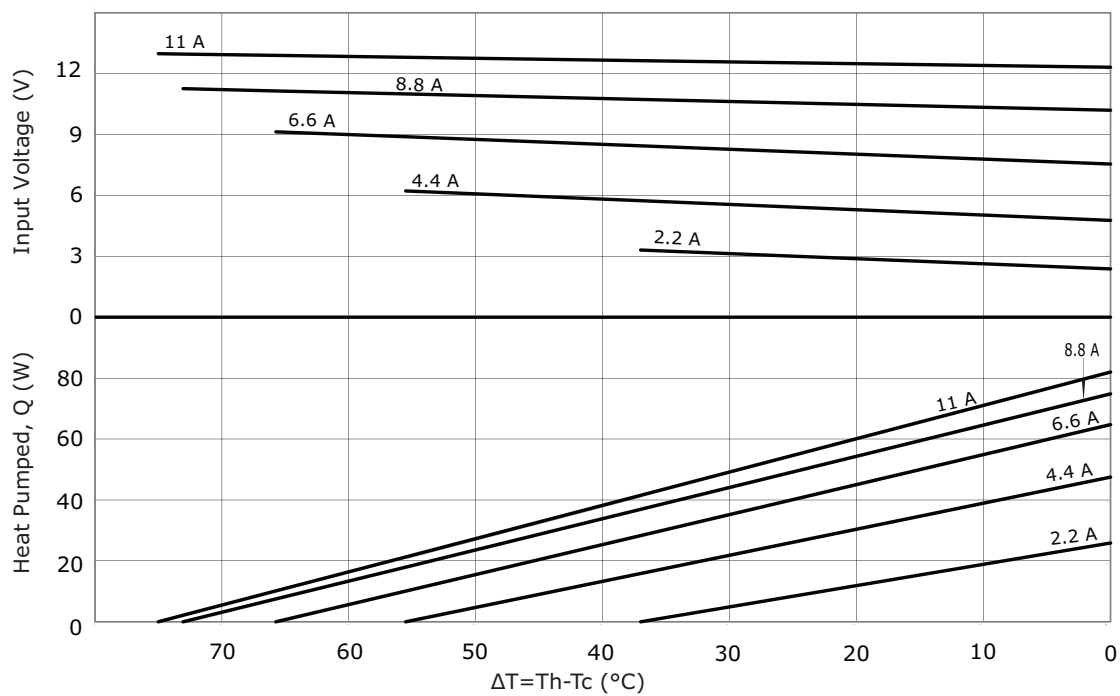
Notes:

1. Maximum voltage at ΔT max and T_h=27°C
2. Maximum current to achieve ΔT max
3. Measured by AC 4-terminal method at 25°C
4. Maximum heat absorbed at cold side occurs at I_{max}, V_{max}, and $\Delta T=0^\circ\text{C}$
5. Maximum temperature difference occurs at I_{max}, V_{max}, and Q=0W (ΔT max measured in a vacuum at 1.3 Pa)

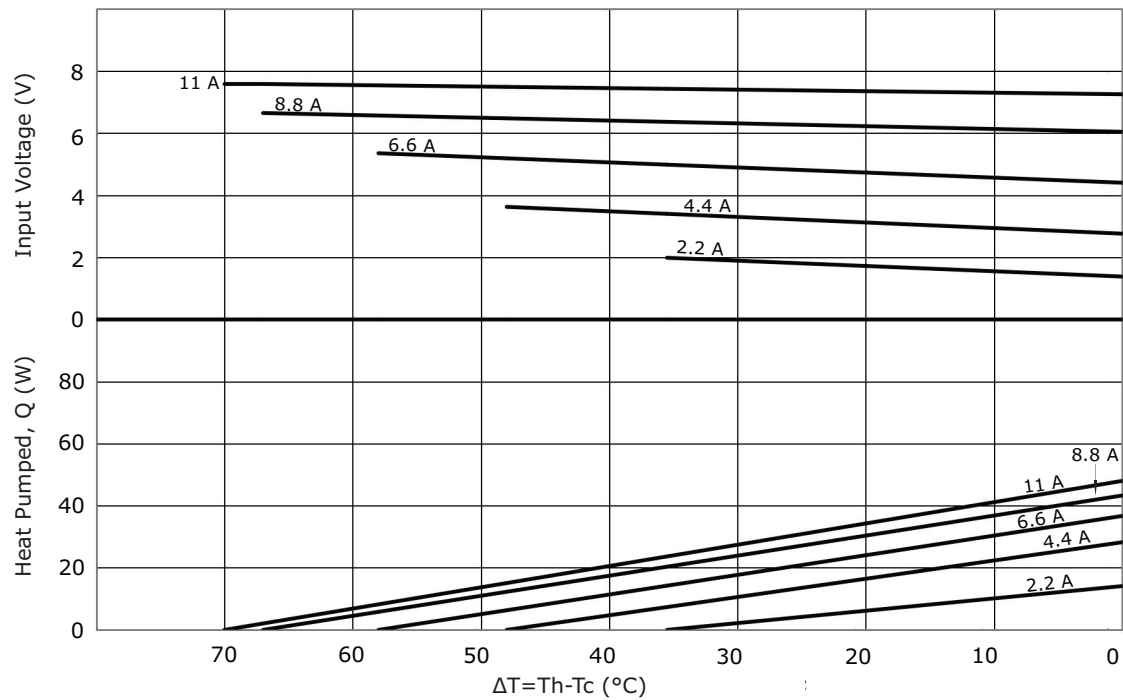
CP1130325 PERFORMANCE (Th=27°C)



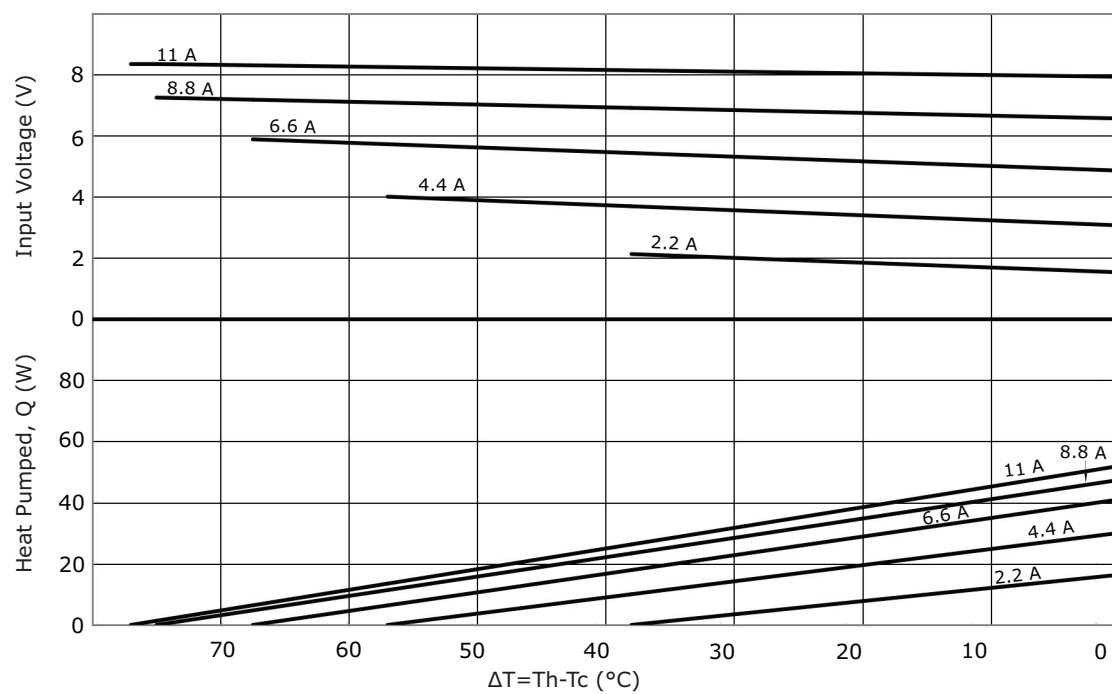
CP1130325 PERFORMANCE (Th=50°C)

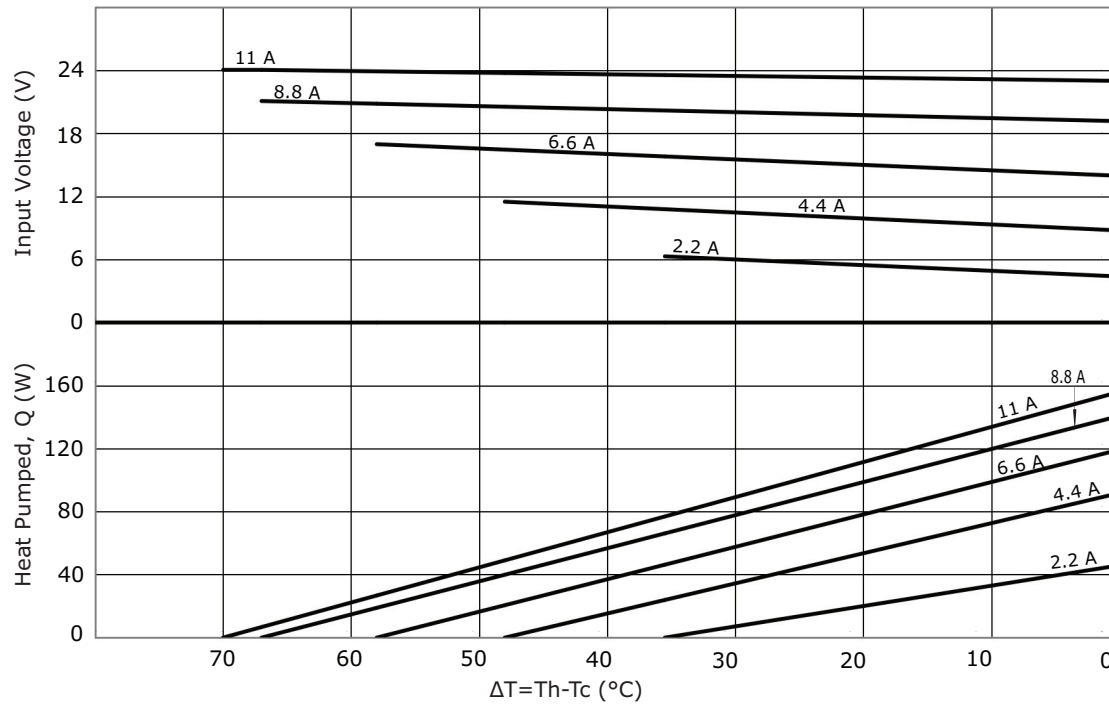
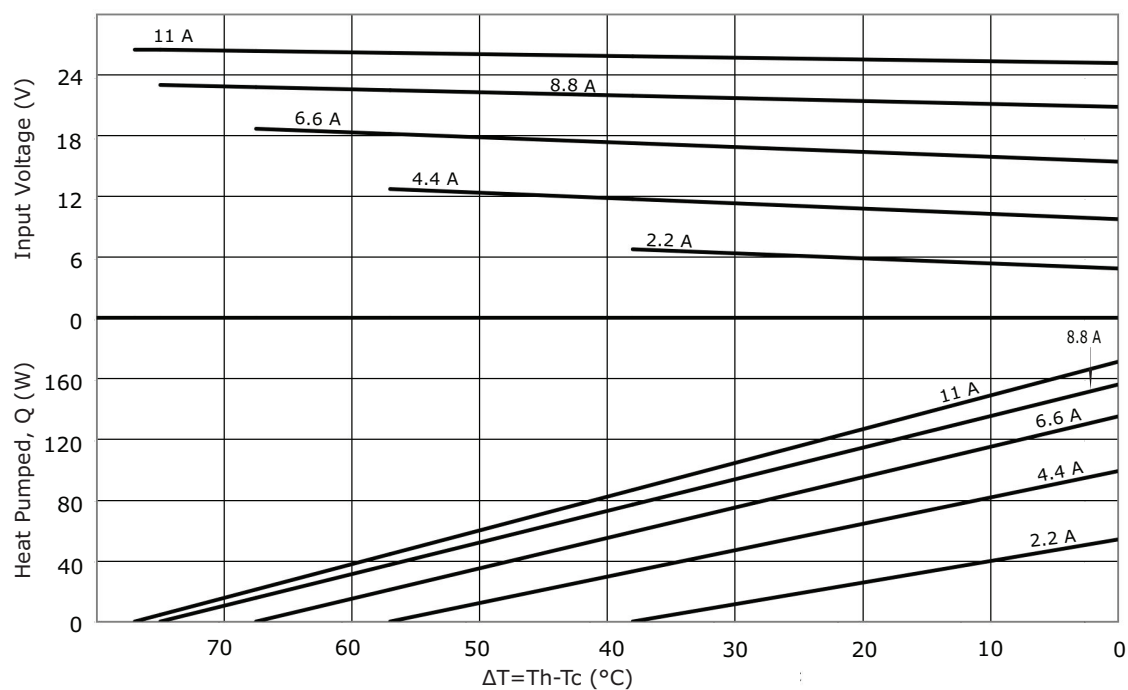


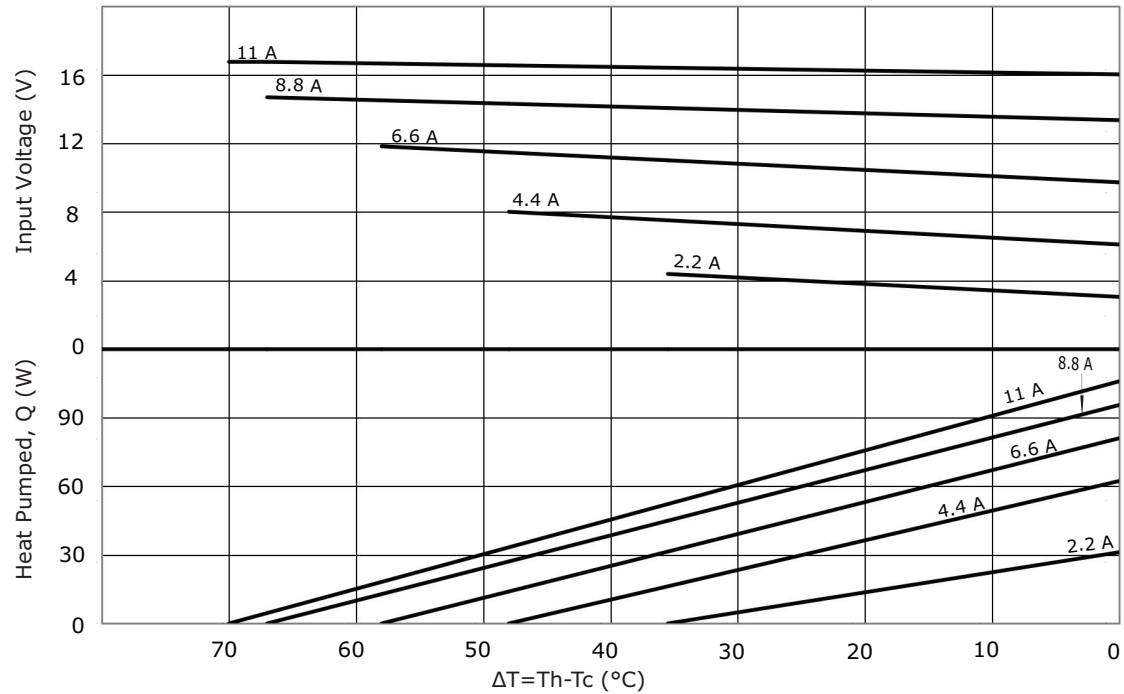
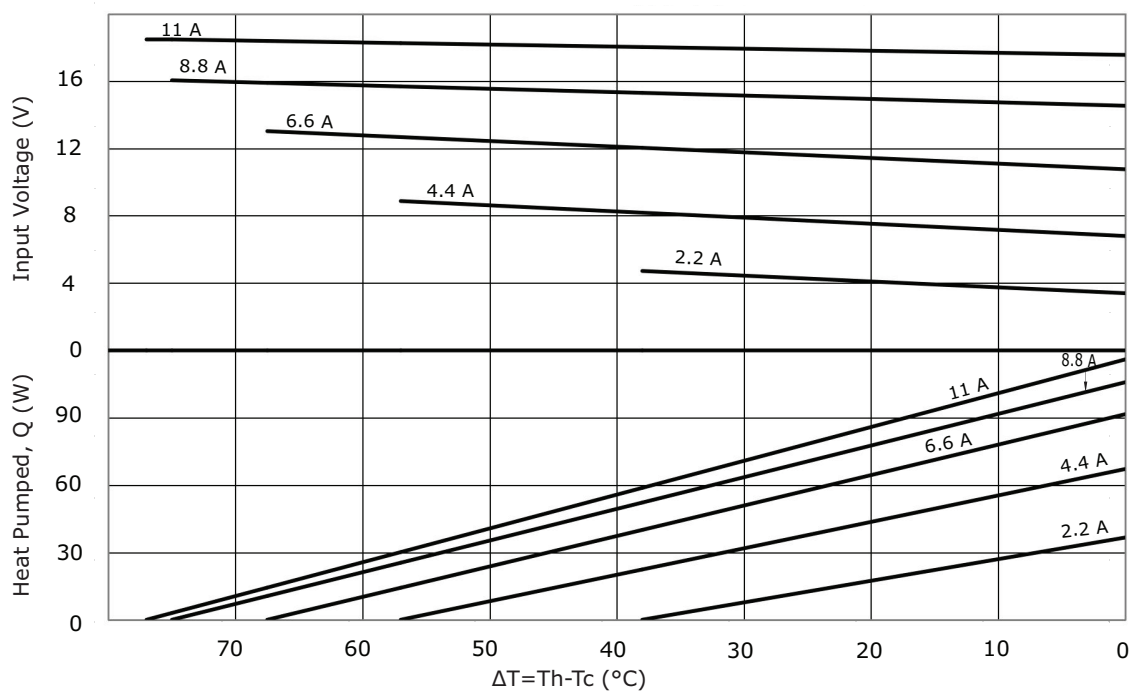
CP1140203 PERFORMANCE (Th=27°C)

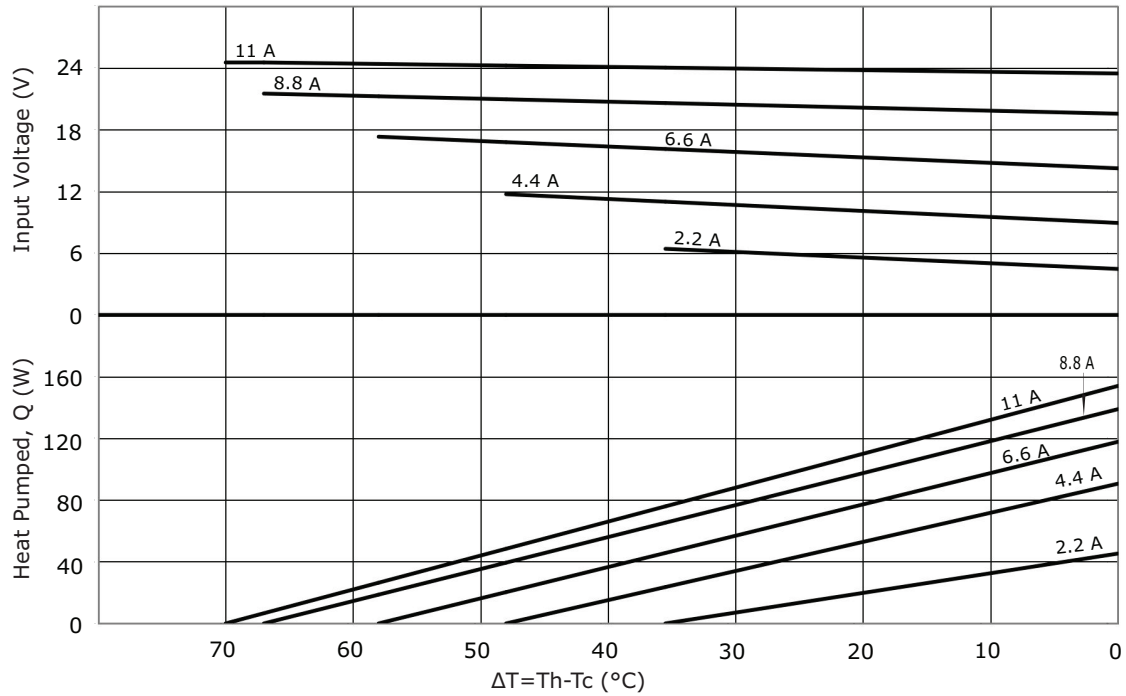
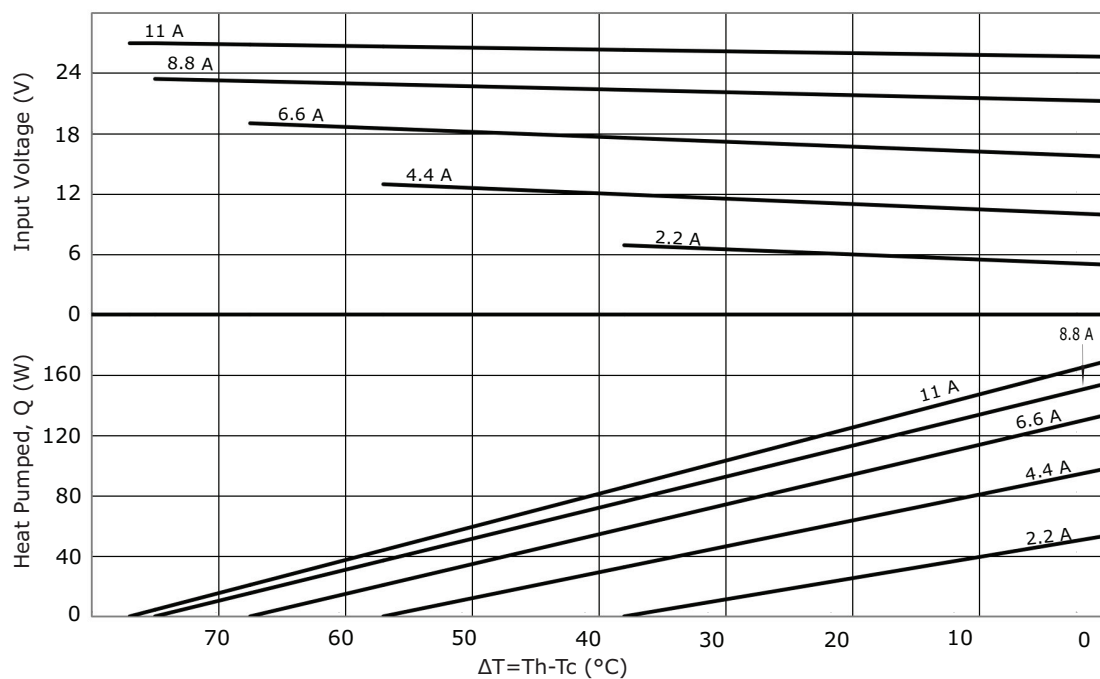


CP1140203 PERFORMANCE (Th=50°C)



CP11404432 PERFORMANCE (Th=27°C)**CP11404432 PERFORMANCE (Th=50°C)**

CP115035335 PERFORMANCE (Th=27°C)**CP115035335 PERFORMANCE (Th=50°C)**

CP115559405 PERFORMANCE (Th=27°C)**CP115559405 PERFORMANCE (Th=50°C)**

REVISION HISTORY

rev.	description	date
1.0	initial release	11/05/2019
1.01	added model CP115035335	11/10/2020

The revision history provided is for informational purposes only and is believed to be accurate.

CUI DEVICES

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI Devices products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.