

Reference Material for Counters: Inrush Current

“---” indicates a constant current and therefore the corresponding values are omitted from the table. All the values are approximate values and should therefore only be used as a guide.

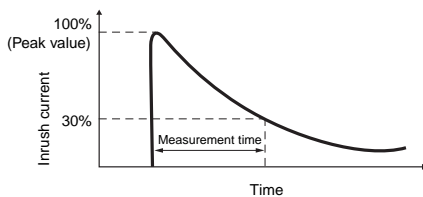
■ Counters

Model	Voltage	Applied voltage	Inrush current (peak value)	Time (see note)
H7AN series	100 to 240 VAC	264 VAC	23 A	1 ms
	12 to 24 VDC	26.4 VDC	15 A	4 ms
H7BX series	100 to 240 VAC	264 VAC	7.6 A	2 ms
	24 VAC/12 to 24 VDC	26.4 VAC	13.5 A	2 ms
H7CN series	100 to 240 VAC	264 VAC	800m A	1 ms
	12 to 48 VDC	52.8 VDC	400m A	1 ms
H7E series	---	---	---	---
H7CX-A□-N series	100 to 240 VAC	264 VAC	4.9 A	0.9 ms
	24AC/12 to 24 VDC	26.4 VAC	9.3 A	1.4 ms
		26.4 VDC	6.2 A	1.7 ms
H7CX-A□D-N series	24AC/12 to 24 VDC	26.4 VAC	9.2 A	1 ms
		26.4 VDC	6.3 A	1 ms
H7CX-A series (previous models)	100 to 240 VAC	264 VAC	5.8 A	0.7 ms
	24 VAC/12 to 24 VDC	26.4 VAC	10.4 A	1.2 ms
	12 to 24 VDC	26.4 VDC	6:00 AM	1.2 ms
H7CX-R series (previous models)	100 to 240 VAC	264 VAC	5.8 A	0.7 ms
	24 VAC/12 to 24 VDC	26.4 VAC	10.4 A	1.2 ms
H7CZ series	100 to 240 VAC	264 VAC	4.6 A	0.4 ms
		26.4 VAC	9.2 A	1 ms
		26.4 VDC	6.3 A	1 ms
H8BM-R series	24 VDC	26.4 VDC	1.6 A	12 ms

■ Cam Positioner

Model	Voltage	Applied voltage	Inrush current (peak value)	Time (see note)
H8PS-8 Series	24 VDC	26.4 VDC	1.9 A	23 ms
H8PS-16, -32 Series	24 VDC	26.4 VDC	3.1 A	12 ms

Note: The time of the inrush current is measured as shown in the following figure.



In the interest of product improvement, specifications are subject to change without notice.