

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.

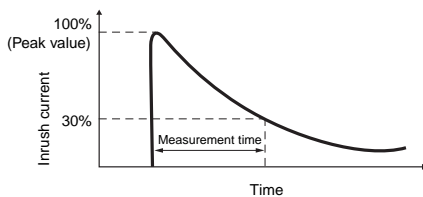
■ Counters

| 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.