

**CND DIN MOUNT TIME DELAY RELAY**

Input Voltage	Time Range	Type of Adjustment	CND Part Number
Universal 24-240 VAC/VDC	0.5 S-100 M in 5 modes	Potentiometer for Time adjust Switches for Range & Function	CND

**Programmable, Multifunction Model**

**WIRING DIAGRAM (BOTTOM VIEW)**  
External Control Switch ②

① Note input polarity for DC operation. For most reliable operation on AC, connect high side to "+" and low side to "-".  
**IMPORTANT:** A dry circuit switch is recommended. A "dry circuit" switch is one rated to reliably switch currents of less than 50mA. Use of a switch rated for other than dry circuit may result in failure of the time delay relay to function properly.

**CNT TIME DELAY RELAYS / COUNTERS**

Input Voltage	Time Range	Type of Adjustment	Wiring Dia.	CNT Part Number
Universal 24-240 VAC/VDC	0.1 S-9,990 H in 7 ranges	Thumbwheel Switches	1	CNT-35-96**
12VDC				CNT-35-26**
120VAC				CNT-35-76**

**Programmable, Multifunction Models**

**OPTIONAL MOUNTING CLIP:**  
Ratchet-fit clip, part number SSA-24C667, slides onto CNT from behind to secure CNT in panel mount applications.

**WIRING DIAGRAM (BOTTOM VIEW)**  
Pins numbered clockwise from keyway

① Note input polarity for DC operation. For most reliable operation on AC, connect high side to "+".  
② Important: A 50 millisecond minimum switch closure is required. A dry circuit switch is recommended for proper operation. A "dry circuit" switch is one rated to reliably switch currents of less than 50mA.

**CNM5 TIME DELAY RELAYS**

Input Voltage	Time Range	Type of Adjustment	Wiring Dia.	CNM5 Part Number
120VAC	0.1 S-9,990 H in 7 ranges	Thumbwheel Switches	1	CNM5**

**Programmable, Multifunction Model**

**OPTIONAL MOUNTING CLIP:**  
Ratchet-fit clip, part number SSA-24C667, slides onto CNM5 from behind to secure CNM5 in panel mount applications.

**WIRING DIAGRAM (BOTTOM VIEW)**  
Pins numbered clockwise from keyway

EXTERNAL CONTROL SWITCH ①

① Note input polarity for DC operation. For most reliable operation on AC, connect high side to "+".  
② Important: A dry circuit switch is recommended for proper operation. A "dry circuit" switch is one rated to reliably switch currents of less than 50mA.

**OPTIONAL SOLID STATE INTERFACE**

① **IMPORTANT:** A dry circuit switch is recommended. A "dry circuit" switch is one rated to reliably switch currents of less than 50mA. Use of a switch rated for other than dry circuit may result in failure of the time delay relay to function properly.

**CNS TIME DELAY RELAYS**

Input Voltage	Time Range	Type of Adjustment	Wiring Dia.	CNS Part Number
Universal 24-240 VAC/VDC	0.1 S-100 M in 6 ranges	Knob & DIP Switches	1	CNS-35-92**
120VAC				CNS-35-72**
Universal 24-240 VAC/VDC	0.1 S-100 M in 6 ranges	Knob & DIP Switches	2	CNS-35-96**
120VAC				CNS-35-76**

**Programmable, 4-Function Models with 8-Pin Bases**

**Programmable, 8-Function Models with 11-Pin Bases**

**OPTIONAL MOUNTING CLIP:**  
Ratchet-fit clip, part number SSA-24C667, slides onto CNS from behind to secure CNS in panel mount applications.

**WIRING DIAGRAMS (BOTTOM VIEWS)**  
Pins numbered clockwise from keyway

① Note input polarity for DC operation. For most reliable operation on AC, connect high side to "+".  
② Important: A 50 millisecond minimum switch closure is required. A dry circuit switch is recommended for proper operation. A "dry circuit" switch is one rated to reliably switch currents of less than 50mA.

**CN1 TIME DELAY RELAYS**

Input Voltage	Time Range	Type of Adjustment	Wiring Dia.	CN1 Part Number
120VAC	0.1 S-9,990 H in 7 ranges	Thumbwheel Switches	1	CN1**

**Delay On Operate Model**

**OPTIONAL MOUNTING CLIP:**  
Ratchet-fit clip, part number SSA-24C667, slides onto CN1 from behind to secure CN1 in panel mount applications.

**WIRING DIAGRAM (BOTTOM VIEW)**  
Pins numbered clockwise from keyway

① Note input polarity for DC operation. For most reliable operation on AC, connect high side to "+".

**CG TIME DELAY RELAYS**

Input Voltage	Time Range	Type of Adjustment	Wiring Dia.	CG Part Number
120VAC	1-10M 5-50 M	Knob	1	CGB-38-70010M** CGB-38-70050M**
120VAC	1-10 M 5-50 M	Knob	2	CGB-38-78010M** CGB-38-78050M**
120VAC	1-10 S 1-10 M	Knob	1	CGB-38-79010S** CGB-38-79010M**
24VDC	1-10 M	Knob	1	CGD-38-39010M**

**Delay On Operate Models**

**Delay On Release Models**

**Interval On Models**

**WIRING DIAGRAMS (BOTTOM VIEWS)**  
Pins numbered clockwise from keyway

① Note input polarity for DC operation. For most reliable operation on AC, connect high side to "+".  
② Important: If control switch is closed when power is applied, relay will immediately energize. A 50 millisecond minimum switch closure is required. A dry circuit switch is recommended for proper operation. A "dry circuit" switch is one rated to reliably switch currents of less than 50mA.

\*\* Denotes UL  
\* Denotes CSA