



DNC-T2003 THRU T2032  
WIRING DIAGRAM

**Ordering Information**

**DNC-T2003 through DNC-T2032 120VAC Input Voltage**

Maximum No. of Outputs	Dimensions				Size of NEMA-4 Encls. Required	Programmable No. of Outputs	Off Time In Seconds	Part Number
	A	B	C	D				
3	6 <sup>3</sup> / <sub>4</sub> "	4 <sup>7</sup> / <sub>8</sub> "	6 <sup>1</sup> / <sub>4</sub> "	4 <sup>1</sup> / <sub>4</sub> "	8" x 6" x 3 <sup>1</sup> / <sub>2</sub> "	1 - 3	1.5 - 30	DNC-T2003-A10
							8.5 - 180	DNC-T2003-B10
6	8 <sup>3</sup> / <sub>4</sub> "	6 <sup>7</sup> / <sub>8</sub> "	8 <sup>1</sup> / <sub>4</sub> "	6 <sup>1</sup> / <sub>4</sub> "	10" x 8" x 4"	2 - 6	1.5 - 30	DNC-T2006-A10
							8.5 - 180	DNC-T2006-B10
10	8 <sup>3</sup> / <sub>4</sub> "	6 <sup>7</sup> / <sub>8</sub> "	8 <sup>1</sup> / <sub>4</sub> "	6 <sup>1</sup> / <sub>4</sub> "	10" x 8" x 4"	3 - 10	1.5 - 30	DNC-T2010-A10
							8.5 - 180	DNC-T2010-B10
20	10 <sup>3</sup> / <sub>4</sub> "	8 <sup>7</sup> / <sub>8</sub> "	10 <sup>1</sup> / <sub>4</sub> "	8 <sup>1</sup> / <sub>4</sub> "	12" x 10" x 5"	11 - 20	1.5 - 30	DNC-T2020-A10
							8.5 - 180	DNC-T2020-B10
32	12 <sup>3</sup> / <sub>4</sub> "	10 <sup>7</sup> / <sub>8</sub> "	12 <sup>1</sup> / <sub>4</sub> "	10 <sup>1</sup> / <sub>4</sub> "	14" x 12" x 6"	17 - 32	1.5 - 30	DNC-T2032-A10
							8.5 - 180	DNC-T2032-B10

**DNC-T2006 through DNC-T2032 220VAC Input Voltage**

Maximum No. of Outputs	Dimensions				Size of NEMA-4 Encls. Required	Programmable No. of Outputs	Off Time In Seconds	Part Number
	A	B	C	D				
6	8 <sup>3</sup> / <sub>4</sub> "	6 <sup>7</sup> / <sub>8</sub> "	8 <sup>1</sup> / <sub>4</sub> "	6 <sup>1</sup> / <sub>4</sub> "	10" x 8" x 4"	2 - 6	1.5 - 30	DNC-T2006-A220
							8.5 - 180	DNC-T2006-B220
10	8 <sup>3</sup> / <sub>4</sub> "	6 <sup>7</sup> / <sub>8</sub> "	8 <sup>1</sup> / <sub>4</sub> "	6 <sup>1</sup> / <sub>4</sub> "	10" x 8" x 4"	3 - 10	1.5 - 30	DNC-T2010-A220
							8.5 - 180	DNC-T2010-B220
20	10 <sup>3</sup> / <sub>4</sub> "	8 <sup>7</sup> / <sub>8</sub> "	10 <sup>1</sup> / <sub>4</sub> "	8 <sup>1</sup> / <sub>4</sub> "	12" x 10" x 5"	11 - 20	1.5 - 30	DNC-T2020-A220
							8.5 - 180	DNC-T2020-B220
32	12 <sup>3</sup> / <sub>4</sub> "	10 <sup>7</sup> / <sub>8</sub> "	12 <sup>1</sup> / <sub>4</sub> "	10 <sup>1</sup> / <sub>4</sub> "	14" x 12" x 6"	17 - 32	1.5 - 30	DNC-T2032-A220
							8.5 - 180	DNC-T2032-B220

Note: Special time ranges are available with the following maximum to minimum time ratio restrictions: ON Time - 10:1; Off Time - 20:1

**Accessories:**

Enclosure For:	Dimensions	Part Number
DNC-T2003	8" x 6" x 3 <sup>1</sup> / <sub>2</sub> "	BOX-A0806-CHNF
DNC-T2006	10" x 8" x 4"	BOX-A1008-CHNF
DNC-T2010	10" x 8" x 4"	BOX-A1008-CHNF
DNC-T2020	12" x 10" x 5"	BOX-A1210-CHNF
DNC-T2032	14" x 12" x 6"	BOX-A1412-CHNF

Pilot Lamp	NEMA-4 Rated Red Light	ASL-00RED-NEMA4
On/Off Switch	NEMA-4 Rated w/Legend Plate	MSW-0DPST-011
Alternate Action Dual Coil Latch Relay		KDD-LATCH-120AC
Socket For Latch Relay		MSO-0D11P-012

AMETEK NCC offers NEMA 4 type enclosures for mounting our controls. These enclosures are made of heavy gauge steel and have a continuous hinge cover. All seams are continuously welded. The finish is gray hammer-tone enamel inside and out, over phosphatized surfaces.

Note. In order to keep abreast of the latest technology, AMETEK NCC reserves the right to change components and/or design of controls without notice.

**Important Notice to Users:**

Our timers are capable of use in a wide array of devices and in various applications. Any device or system incorporating a timer should be so designed that, in the event of failure, malfunction or normal wear-out of the timer, the system will become inoperative in a manner which will prevent property damage or bodily injury.

**Caution:**

1. Do not mount controls in high vibration areas without shock mounts.
2. Do not mount controls in areas of high dust or corrosive atmospheres without a protective enclosure.
3. Do not use a converter or inverter for the power source.
4. Do not mount control in high transient voltage areas without an isolation transformer
5. Do not leave control box open.
6. Do not allow a local repair shop to repair the controls, as we employ some very sophisticated components that could be further damaged. For service, call us directly: 800-323-2593