

Bulletin 700-N Industrial Relay

Bulletin 700-N — Industrial Relay

- Contact cartridges convertible from N.O. to N.C. and vice versa
- NEMA A300 AC
- 24...250V AC coils
- Pneumatic timing unit
- Solid-state timing unit
- Overlap contacts
- Logic reed contacts
- 4-...8-pole




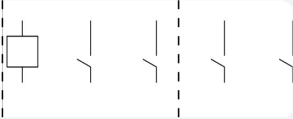
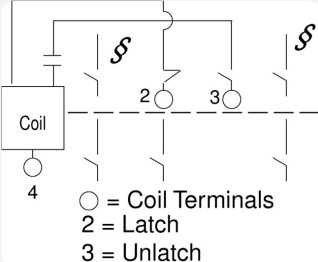
Standards Compliance

- UL 508
- CSA C22.2, No. 14

Certifications

- cULus (File No. E14840, Guide NKCR/NKCR7)

AC-Operated Relays

	Contacts★ ‡		Contact Arrangement	Open Type
	N.O.	N.C.		Cat. No.
	4	—	4-Pole Relay 	700-N400⊗
Type NM Relay 2 Poles\$	2	—	 ○ = Coil Terminals 2 = Latch 3 = Unlatch	700-NM200⊗

⊗ AC Coil Voltage Code

The Cat. No. as listed is incomplete. Select a coil voltage code from the table below to complete the cat. no. Example: **Cat. No. 700-N200⊗** becomes **Cat. No. 700-N200A24** for 24V 60 Hz. For other coil voltages, contact your local Rockwell Automation sales office or Allen-Bradley distributor.

[V]	24	110	120	208	220	240
50 Hz	—	A1	—	—	A2	—
60 Hz	A24	—	A1	A20	—	A2


★ **NORMALLY CLOSED CONTACTS:** Listed relays are supplied with all contacts normally open. These contacts can be readily converted to normally closed in the field.

‡ **OVERLAP CONTACTS:** Overlap contacts (normally open contact closes before the normally closed contact opens) can be supplied. See for information on kits for field installation of overlap contact cartridges.


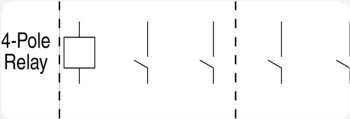
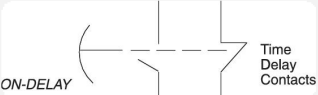
♣ Location of contacts in 2-pole relays

§ Permanent Magnet Latch AC Relay. Minimum Operating Time - Type NM - For reliable operation, power to the latch circuit **must be** maintained for a minimum time of 75 milliseconds and power to the unlatch circuit **must be** maintained for minimum time of 50 milliseconds.

Operating Coils

	Coil Voltage	Bulletin 700-N Relay • 2-...8-Pole	
		60 Hz	50 Hz
	24	84AB27	84AB28
	110	84AB01	84AB86
	120	84AB86	—
Bulletin 700-N Operating Coil	208	84AB113	—
	220	84AB06	84AB83
	240	84AB83	—

AC-Operated Relays with Pneumatic Timing Unit★ ‡ §

	Description	Instantaneous Contacts		Contact Arrangement	Open Type
		N.O.	N.C.		Cat. No.
	Electrically Held AC Relay	2	—	<div>4-Pole Relay</div> 	700-NT200⊗
		4	—	<div>ON-DELAY</div>  <div>Time Delay Contacts</div>	700-NT400⊗

⊗ AC Voltage Suffix Code

The Cat. No. as listed is incomplete. Select a voltage suffix code from the table below to complete the Cat. No. Example: **Cat. No. 700-NT200** ⊗ becomes **Cat. No. 700-NT200A24**. For other coil voltages, contact your local Allen-Bradley Distributor.


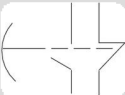
Voltage	24V	32V	48V	64V	110V	115...125V	120V	208V	220V	230...250V	240V
50 Hz	B24	B32	B48	B64	A1	—	—	B20	A2	—	—
60 Hz	A24	A32	A48	A64	—	—	A1	A20	—	—	A2

★ **NORMALLY CLOSED CONTACTS:** Listed relays are supplied with all contacts normally open. These contacts can be readily converted to normally closed in the field. Relays having combinations of normally open and normally closed contacts can be supplied.

‡ **OVERLAP CONTACTS:** Overlap contacts (normally open contact closes before the normally closed contact opens) can be supplied. See **Accessories** for information on kits for field installation of overlap contact cartridges.

§ **BIFURCATED CONTACTS:** To order a relay with bifurcated contacts, add the letter “B” after the letter “T” in the Cat. No. Example: **Cat. No. 700-NT200A1** becomes **Cat. No. 700-NTB200A1**.

Bulletin 700-NT Pneumatic Timing Unit

	Description	Timed Contacts		Contact Arrangement	Open Type
		N.O.	N.C.		Cat. No.
Cat. No. 700-NT	Timing Unit Only (for Bulletin 700-N, 2...4-pole)	1	1	ON-Delay mode is standard. Timer is easily converted to OFF-Delay mode.	700-NT