



# The Reliable Global Solution



New Timing Relays



Bringing Together Leading Brands in Industrial Automation

# Plug-in Timing Relays

## Bulletin 700-HNK Miniature Timer with Multiple Time Ranges



### Bulletin 700-HNK

- Ultra-Slim Timing Relay
- Dimensions:  
12.8 x 31.2 x 47 mm
- 4 Different Operating Modes
- 1 c/o, 2 NO
- Three Operating Voltages
- DIN Rail Mount with Socket
- Time Range up to 10 Hours

Output Modes	Sockets	Outputs	Timing Range	Input Voltage	Cat. No.	Pkg. Qty.
ON-Delay One Shot Repeat Cycle, OFF-Start Repeat Cycle, ON-Start	700-HN121	1 c/o ❶	0.1 s... 10 min	12 V DC	700-HNK41AZ12	1
				24 V DC	700-HNK41AZ24	1
			24 V AC	700-HNK41AA24	1	
			0.1 min... 10 h	12 V DC	700-HNK41BZ12	1
	700-HN122	2 NO ❷	0.1 s... 10 min	24 V DC	700-HNK41BZ24	1
				24 V AC	700-HNK41BA24	1
			0.1 min... 10 h	12 V DC	700-HNK42AZ12	1
				24 V DC	700-HNK42AZ24	1
			24 V AC	700-HNK42AA24	1	
			12 V DC	700-HNK42BZ12	1	
			24 V DC	700-HNK42BZ24	1	
			24 V AC	700-HNK42BA24	1	

❶ 5-blade terminal type only

❷ 8-blade terminal type only

## Accessories

	Cat. No.	Pkg. Qty.
<b>Screw Terminal Socket</b> 5-blade miniature socket for use with 1-pole, Type 700-HNK41 timing relays. Order must be for 10 sockets or multiples of 10	700-HN121	10
<b>Screw Terminal Socket</b> 8-blade miniature socket for use with 2-pole, Bulletin 700-HNK42 timing relays. This socket includes a retainer clip. Order must be for 10 sockets or multiples of 10	700-HN122	10

## Bulletin 700-HNC Miniature Timer with Multiple Time Ranges



### Bulletin 700-HNC

- Miniature Timing Relay
- Dimensions:  
21.5 x 28 x 56.6 mm
- Four Different Operating Modes
- 4 c/o contacts
- DIN Rail Mount with Socket
- Time Range up to 10 Hours

Operating Modes	Sockets	Output	Timing Ranges	Input Voltage	Cat. No.	Pkg. Qty.
ON-Delay One Shot Repeat Cycle, OFF-Start Repeat Cycle, ON-Start	700-HN103	4 c/o	0.1 s... 10 min	12 V DC	700-HNC44AZ12	1
				24 V DC	700-HNC44AZ24	1
				48 V DC	700-HNC44AZ48	1
				100... 110 V DC	700-HNC44AZ11	1
				125 V DC	700-HNC44AZ25	1
				24 V AC	700HNC44AA24	1
				100... 120 V AC	700-HNC44AA12	1
				200... 230 V AC	700-HNC44AA23	1
			0.1 min... 10 h	12 V DC	700-HNC44BZ12	1
				24 V DC	700-HNC44BZ24	1
				48 V DC	700-HNC44BZ48	1
				100... 110 V DC	700-HNC44BZ11	1
				125 V DC	700-HNC44BZ25	1
				24 V AC	700-HNC44BA24	1
				100... 120 V AC	700-HNC44BA12	1
				200... 230 V AC	700-HNC44BA23	1

## Accessories

	Cat. No.	Pkg. Qty.
<b>Screw Terminal Socket</b> <b>Guarded Terminal Construction</b> 14-blade miniature socket for use with Bulletin 700-HNC timing relays	700-HN103	1

# Plug-in Timing Relays

## Bulletin 700-HR Multi-Function, Multi-Range Dial Timing Relays with Pin Style Terminations



### Bulletin 700-HR

- Dial Timing Relays
- 5 A Contact Rating
- Multiple Programmable Timing Ranges
- Tube Base Pin Style Terminals
- Multi-Voltage Inputs
- Timed Contacts and Instantaneous Contacts
- Transistor Outputs
- Single Function and Multi-Function
- Up to 10 Different Operating Modes
- 0.05 s ... 300 h Timing Range



Cat. No. 700-HRY...

Timing	Timing Range	Sockets Mode	Pins	Contact	Input Outputs	Cat. No. Voltage	Pkg. Qty.
0.05 s ... 300 h	A, D, E, B, B2, C	700-HN101	11	2 c/o	①	700-HR52TU24	1
		700-HN129			②	700-HR52TA17	1
	A, E, B2, J	700-HN100	8	2 c/o	①	700-HRS42TU24	1
		700-HN108			1 c/o Timed + Inst. Contact	②	700-HRP42TA17
0.05 s ... 300 h	A	700-HN100 700-HN108	8	2 c/o	②	700-HRS42TA17	1
				1 c/o Timed + Inst. Contact	①	700-HRC12TU24	1
				2 c/o	①	700-HRM12TU24	1
				2 c/o	②	700-HRM12TA17	1
0.05 s ... 30 h	B	700-HN100	8	2 c/o	24 V AC/DC	700-HRF72DU25	1
		700-HN108	8	2 c/o	100...240 V AC	700-HRF72DA18	1
0.05 s ... 30 h	B2	700-HN100	8	2 c/o	24 V AC/DC	700-HRF82DU25	1
		700-HN108	8	2 c/o	100...240 V AC	700-HRF82DA18	1
0.5 s ... 120 s	Star-Delta	700-HN100	8	1 c/o Timed + Inst. Contact	100...120 V AC	700-HRY6FA12	1
		700-HN108	8	1 c/o Timed + Inst. Contact	200...240 V AC	700-HRY6FA22	1
0.05 s ... 12 s	True OFF-Delay	700-HN100	8	2 c/o	200...240 V AC	700-HRON2GA22	1
		700-HN108	11	2 c/o	200...240 V AC	700-HROR2GA22③	1
0.05 min ... 12 min	True OFF-Delay	700-HN101	11	2 c/o	200...240 V AC	700-HROR2HA22③	1
		700-HN129	11	2 c/o	200...240 V AC	700-HROR2HA22③	1
0.05 s ... 12 s	True OFF-Delay	700-HN100	8	2 c/o	24 V AC/DC	700-HRON2GU25	1
		700-HN108	11	2 c/o	24 V AC/DC	700-HROR2GU25③	1
0.05 min ... 12 min	True OFF-Delay	700-HN101	11	2 c/o	24 V AC/DC	700-HROR2HU25③	1
		700-HN129	11	2 c/o	24 V AC/DC	700-HROR2HU25③	1

### Timing mode description

<b>A</b> = ON-Delay	<b>D</b> = OFF-Delay	<b>E</b> = One Shot	① 24... 48 V AC, 12... 48 V DC
<b>B</b> = Repeat Cycle OFF-Start		<b>B2</b> = Repeat Cycle ON-Start	② 100... 240 V AC, 100... 125 V DC
<b>C</b> = Signal ON/OFF-Delay		<b>J</b> = ON-Delay One Shot	③ Indicates True OFF-Delay timer with reset

## Accessories



Cat. No 700-HN100



Cat. No 700-HN108

	Cat. No.	Pkg. Qty.
<b>Screw Terminal Tube Base Sockets</b>		
<b>Guarded Terminal Construction</b>		
8-pin for use with Bulletin 700-HR and 700-HX timing relays	700-HN100	10
11-pin for use with Bulletin 700-HR timing relays	700-HN101	10
<b>Specialty Socket</b>		
8-pin backwired socket with solder terminals for use with Bulletin 700-HR timing relays	700-HN108	10
11-pin backwired socket with solder terminals for use with Bulletin 700-HR timing relays	700-HN129	10
<b>Frame Adapter</b>		
For flush or door mounting of all Bulletin 700-HR and -HX timing relays	700-HN130	1
<b>Protective Cover</b>		
Helps prevent tampering of timing and mode settings. Provides a degree of protection against water and dirt from entering the front of the relay	700-HN132	1

# Plug-in Timing Relays

## Bulletin 700-HX



### Bulletin 700-HX

- Digital Timer
- 5 A Contact Rating
- 10 Function or Modes

Output Modes	Timing Ranges	Sockets	Output	Pins	Input Voltage	Cat. No.	Pkg. Qty.
A mode: Signal ON-Delay 1 A-1 mode: Signal ON-Delay 2 A-2 mode: Power ON-Delay 1 A-3 mode: Power ON-Delay 2 B mode: Repeat Cycle 1 B-1 mode: Repeat Cycle 2 D mode: Signal OFF-Delay E mode: One Shot F mode: Cumulative Twin Timer	0.000...9.999 s 0.000...99.99 s 0.000...999.9 s 0.000...9999 s 0.000...99 min 59 s 0.000...999.9 min 0.000...9999 min 0.000...99 h 59 min 0.000...999.9 h 0.000...9999 h	700-HN100 700-HN108	1 c/o contact	8	100... 240 V AC  24 V AC 12...24 V DC	700-HX86SA17   700-HX86SU24	1   1

## Accessories



### Screw Terminal Tube Base Sockets

#### Guarded Terminal Construction

8-pin for use with Bulletin 700-HX timing relays. Order must be for 10 sockets or multiples of 10

Cat. No. 700-HN100  
Pkg. Qty. 10

#### Specialty Socket

8-pin backwired socket with solder terminals for use with Bulletin 700-HX timing relays. Order must be for 10 sockets or multiples of 10

700-HN108 10

#### Frame Adapter

For flush or door mounting of all Bulletin 700-HR and -HX timing relays

700-HN130 1

#### Protective Cover

Helps prevent tampering of timing and mode settings. Provides a degree of protection against water and dirt from entering the front of the relay. For use with all Bulletin 700-HRs and -HX timing relays

700-HN132 1

Cat. No. 700-HN100

# Timing Relays

## Bulletin 700-HXM



Cat. No 700-HXM...

Timer Modes	Timing Range	Counter Modes		Counter Range	Input Voltage	Cat. No.	Pkg. Qty.
		Input	Output				
A mode: Signal ON-Delay 1 B mode: Repeat Cycle D mode: Signal OFF-Delay E mode: One Shot F mode: Accumulative Z mode: ON/OFF-duty Adjustable Repeat Cycle	0.000...9999 h	Increment Decrement Individual Quadrature	N, F, C, K	-999...9999	24 V DC	700-HXM66SZ24	1

## Accessories

**Replacement Flush Mounting Adapter**  
(One shipped with each 700-HXM66SZ24)

Cat. No. 700-HN141  
Pkg. Qty. 1

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