

700HRC12TA17

Allen-Bradley 700-HR Dial Timing Relay On Delay 2CO 0.05sec to 300Hours 100 to 240VAC100 to 125V DC



TIME DELAY RELAYS



Allen-Bradley



Component type	Timer relay
Range	Timer Relay
Model	N/A
Product status	Existing

The Allen-Bradley General Purpose Timing Relays are a reliable, economical and flexible solution for control and timing application processes. Available in both single and multi-function timers, offered in various width sizes including 17.5mm and 22.5mm and designed for mounting on DIN rail, socket and panels all featuring coil surge protection and built-in LED's for status monitoring.

Voltage type for actuating	AC/DC
Rated control supply voltage U_s at DC	24-48 V
Rated control supply voltage U_s at AC 60HZ	100-240 V
Rated control supply voltage U_s at AC 50HZ	24-240 V
Number of outputs, delayed, change-over contact	1
Nominal current	5 A
Rated operation current I_e at AC-15, 250 V	3 A
Type of electric connection	Screw connection
Function delay-on energization	Yes
Function delay on de-energization	No
Function floating contact on energization	No
Function floating contact on de-energization	No
Function star-delta	No
Function pulse shaping	No
Function flashing, starting with pause, fixed time	No
Function flashing, starting with pulse, fixed time	No
Clock function, starting with pause, variable	Yes
Clock function, starting with pulse, variable	Yes
Time range	0.05-1080000 s
Time setting accuracy	5 %
Rated power	0.5 W
Power supply reset time	50 ms
Power consumption	0.5 VA
Electrical lifespan (control contacts)	200000 c (contacts)

ELECTRICAL

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MECHANICAL	Suitable for DIN rail (top hat rail) mounting	Yes
	Mechanical lifetime (control contacts)	3.0E7 c (contacts)
	Max. shock acceleration	50 g
	Max. vibration acceleration	4 m/s ²
	Max. vibration frequency, operational	100 Hz
DIMENSIONS	Height	80 mm
	Depth	109 mm
	Width	22.5 mm
ENVIRONMENT	Operating temperature	-25...45 °C

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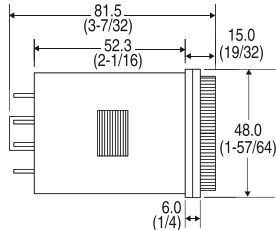


Allen-Bradley

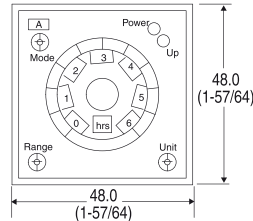
DIMENSIONAL DIAGRAM

Approximate Dimensions

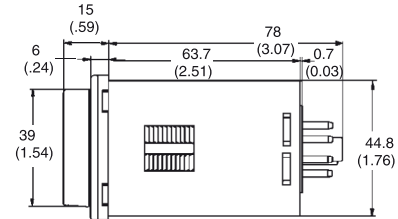
Approximate Dimensions are shown in millimeters (inches). Approximate Dimensions are not intended to be used for manufacturing purposes.



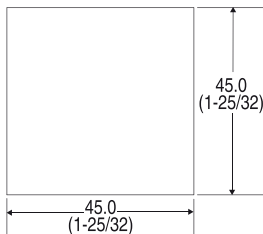
Cat. No. 700-HR, -HRM, -HRC, -HRF, -HRS, HRV, HRP
Timing Relays



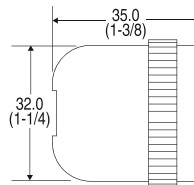
Cat. No. 700-HR, -HRM, -HRC, -HRF, -HRS, -HRV, -HRP, -HRY, -HRQ Timing Relays



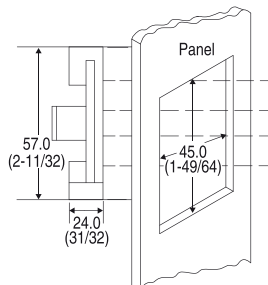
Cat. No. 700-HRY, -HRQ Timing Relays



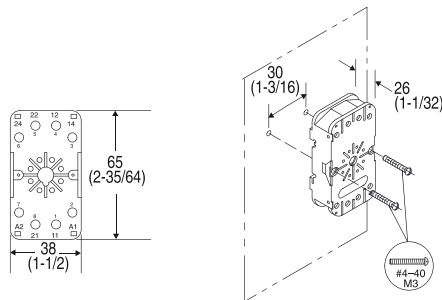
Cat. No. 700-HR...
Panel Cutout



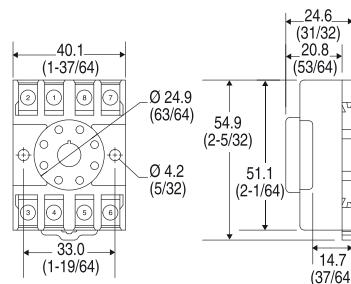
Cat. No. 700-HN129 — 11-pin
Cat. No. 700-HN108 — 8-pin socket



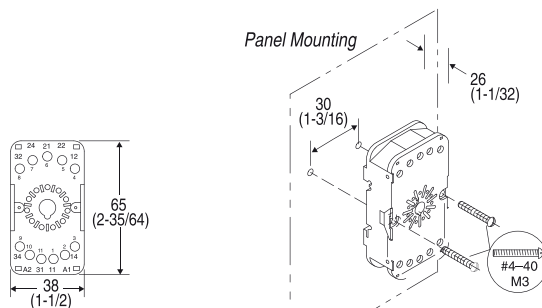
Cat. No. 700-HN130
Retainer



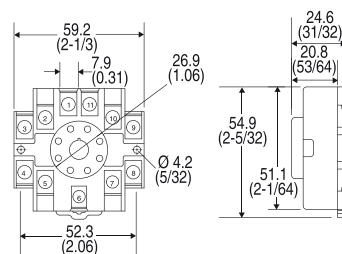
Cat. No. 700-HN100
Wire Size: 2x2.5 mm
Single Wire — Up to #12 AWG
Double Wire — 2x2.5 mm (#2-14 AWG...#2-20 AWG)
(Either Solid or Stranded)
Strip length: 9 mm (3/8 in) — Torque: 0.8 N•m (7 lb•in)



Cat. No. 700-HN125
Wire Size: 2x2.5 mm
Single Wire — Up to #12 AWG
Double Wire — 2x2.5 mm (#2-14...#2-20 AWG)
(Either Solid or Stranded)
Strip Length: 9 mm (3/8 in) — Torque: 0.8 N•m (7 lb•in)



Cat. No. 700-HN100
Wire Size: 2x2.5 mm
Single Wire — Up to #12 AWG
Double Wire — 2x2.5 mm (#2-14 AWG...#2-20 AWG)
(Either Solid or Stranded)
Strip Length: 9 mm (3/8 in) — Torque: 0.8 N•m (7 lb•in)



Cat. No. 700-HN126
Wire Size: 2x2.5 mm
Single Wire — Up to #12 AWG
Double Wire — 2x2.5 mm (#2-14...#2-20 AWG)
(Either Solid or Stranded)
Strip Length: 9 mm (3/8 in) — Torque: 0.8 N•m (7 lb•in)