Danaher — Timers and Controllers

HZ40A6A242



In-Stock, Ships 3-5 Days

- ☑ Get a Quote in 5 minutes
- ☑ Parts ship in as little as 24 hours
- ☑ Up to half the cost of the manufacturer

Secure Online Checkout

Free Ground Shipping

One Year Warranty

The **HZ40A6A242** is a preset counter produced by Danaher within the Timers and Controllers series. Designed for panel-mounted automation assemblies, this unit registers pulses coming from proximity switches or limit contacts and energizes its relay output after the programmed quantity is reached. In material-handling lines or batch-production stations, it offers simple sequencing without the need for a PLC, ensuring that conveyors, feeders, or clutches change state only after the required number of parts passes its sensor.

The relay output is rated for **15 A**, allowing the counter to switch moderate-power solenoids, heater contactors, or small motors directly. Its movable and stationary contacts are plated with **silver**, a material chosen for low resistance and high endurance against arc erosion. The device provides **3 independent contact sets** that transfer simultaneously at the preset threshold, permitting simultaneous control of multiple circuits. Counting is referenced to the **trailing edge** of each input pulse, eliminating false increments that can occur from contact bounce on the leading edge. The register can advance up to **400 counts**, so users may assign any preset from 1 to 400 before the relay toggles.

Resetting the counter after a cycle is performed by an **electric reset coil** that clears the internal decade wheels without operator intervention. The front panel includes a **lockable setpoint knob** so the chosen preset can be secured against unauthorized changes during shift operation. Internal timing circuits synchronize to a **60 Hz** line frequency, maintaining consistent count discrimination in facilities using the North American mains standard. All logic and coil functions draw power from a single **120 VAC** source, simplifying wiring within control cabinets and

Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.

© 2026 Automation Factory. All rights reserved.

removing the need for auxiliary low-voltage supplies.

Specifications

Contact Current Rating:	15 A	**Contact Material:**	Silver	**Contact Sets:**	3
Count Registration Edge:	Trailing	**Maximum Count:**	400	**Reset Type:**	Electric
Setpoint Knob:	Lockable	**Supply Frequency:**	60 Hz	**Supply Voltage:**	120 VAC
Last Verified:	11/15/2026 8:45 AM				

Contact Us

1620 Old Apex Road, Cary, NC 27513, USA

Toll Free: 1-888-551-3082

International: 1-919-443-0207

Fax: 1-919-867-6204

Email: sales@wakeindustrial.com

Shipping Options

DHL · FedEx · UPS · Freight

Payment Methods

American Express · MasterCard · VISA · Wire Transfer

Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.

© 2026 Automation Factory. All rights reserved.