Danaher — Timers and Controllers

HZ40A6



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 **HZ40A6** is a panel-mounted timer and counter manufactured by Danaher for its Timers and Controllers series. Housed in a compact enclosure suitable for control cabinets, the unit accepts machine or sensor pulses, tallies them internally, and activates relay outputs when the selected preset is reached. By combining timing and counting functions in one device, it automates routine indexing, material feed length monitoring, and short-run batching without the need for PLC programming. This functionality makes it a practical component for legacy or standalone industrial equipment.

Power for the module is supplied through a **120 VAC** line, and its internal timing circuit is synchronized to the mains at **60 Hz**, which maintains stable timing without an external clock. Each of the three output relays carries up to **15 A**, so the counter can switch solenoids, motor starters, or pilot loads directly without interposing devices. The switching elements use **silver contacts** to minimize resistive losses and contact erosion during repetitive cycling in high-duty machinery. The unit provides **three independent contact sets** for routing separate control, indication, and interlock circuits from the same preset event. This arrangement reduces field wiring while maintaining separation between the connected circuits.

Counting logic inside the HZ40A6 registers each transaction on the trailing edge of the input pulse, helping prevent double counting caused by contact bounce or electrical noise. The maximum factory preset is **400**, providing sufficient range for batch counting or sequential process steps. An **electrical reset** allows the register to return to zero through a momentary push button or remote contact, eliminating the need for a mechanical lever. Desired

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.

totals are entered with a finely graduated **micrometer dial**, which supports precise adjustment from the front panel. The setting can be secured with a **lockable pointer knob** to prevent inadvertent changes during operation or shift changes. These controls allow the count target to be entered, protected, and reset without opening the control cabinet.

Specifications

Contact Current Rating:	15 A	**Contact Material:**	Silver	**Count Registration:**	Input Pulse Trailing Edge
Maximum Count:	400	**Output Contact Sets:**	3	**Rated Frequency:**	60 Hz
Reset Type:	Electric	**Setpoint Adjustment:**	Micrometer Dial	**Setpoint Knob:**	Lockable
Supply Voltage:	120 VAC	**Last Verified:**	11/14/2026 10:19 PM		

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.