

OMRON Counters

OMRON H7AN SERIES: SOLID STATE DIGITAL COUNTERS

Specifications:

- Supply voltage: 100-240 VAC
- Mounting: Panel mount, 2 mounting brackets included
- Output modes: 2 sustained, 5 one-shot output modes
- Double preset - 2 SPST-NO contacts and 2 solid-state open collector outputs
- Models with memory backup have 3V lithium battery that provides 10 years of memory retention

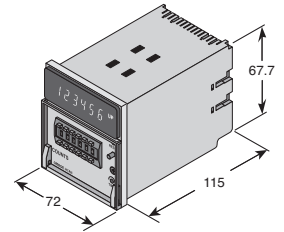
Features:

- Draw-out construction allows setting and servicing without disconnecting wiring
- Built-in DC power supply for input devices
- Panel-mounting hardware included



For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Counting Method	Preset	Memory Backup	Display Type	Price Each		
						1	2	5
653-H7AN-2D-AC100	H7AN-2D-AC100-240	UP or DOWN (selectable)	Single	Not provided	2-digit LED	504.46	461.94	439.27
653-H7AN-4DM-AC1	H7AN-4DM-AC100-240	UP or DOWN (selectable)	Single	Provided	4-digit LED	566.93	519.15	493.67
653-H7AN-WE4DM-AC1	H7AN-WE4DM-AC100-240	Reversible	Double	Provided	4-digit LED	613.21	561.53	533.97
653-H7AN-R6DM-AC1	H7AN-R6DM-AC100-240	UP/DOWN and Reversible	Single	Provided	6-digit LED	786.76	720.46	685.10



DIMENSIONS: mm

OMRON H7BX SERIES: MULTIFUNCTION COUNTERS

Specifications:

- External Power Supply: 12 VDC
- Input Modes: Increment, decrement, command (UP/DOWN A) Individual (UP/DOWN B) Quadrature (UP/DOWN C)
- Power Consumption: 9.6 VA max.
- Screw terminal connections

Features:

- DIN 72x72 mm multifunction counter with a bright, easy-to-view, negative transmissive LCD
- Highly visible display with backlight transmissive LCD
- Selectable display color (red/green) enables checking output status at a distance
- Easy operation with a key for each digit
- Perform all basic settings with a DIP switch
- Provides a total and preset counter, batch counter, dual counter, and tachometer
- Wide range of inputs accepted for NPN/PNP inputs (multi-inputs) and 2-wire DC sensors
- Degree of protection: IP54 equivalent (front section only)



RoHS Compliant

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MOUSER STOCK NO.	Omron Part No.	Supply Voltage	Output Type	Type	Price Each		
					1	2	5
653-H7BX-AWAC100240	H7BX-AW AC100240	100 - 240 VAC	Contact and NPN transistor output	2-Stage	387.76	368.37	344.13
Accessories							
653-Y92A-72F1	Y92A-72F1		Soft cover		28.72	27.28	25.49
653-Y92A-72	Y92A-72		Hard cover		15.96	14.91	14.30



DIMENSIONS: mm

OMRON H7CN SERIES: 1/16 DIN DIGITAL COUNTERS

Specifications:

- Supply voltage: 100-240 VAC
- Output mode: Sustained until reset
- Reversible counting type has individual input operating mode
- Only the solid-state input signal is available for the 5 kcps counting speed models

Features:

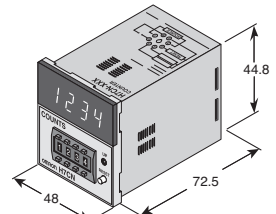
- Easy to read 8mm high 4-digit LED display
- Contact and solid-state inputs for count and reset



RoHS Compliant

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Operating Mode	Output Type	Max. Counting Speed	Memory Backup	Price Each		
						1	2	5
653-H7CNXLNAC100240	H7CN-XLN-AC100-240	UP counting	SPST-NO	30 cps	Not provided	269.33	246.63	234.53
653-H7CNXHNAC100240	H7CN-XHN-AC100-240	UP counting	SPST-NO	5 kcps	Not provided	269.33	246.63	234.53
653-H7CNYLNMAC100240	H7CN-YLNM-AC100-240	DOWN counting	SPDT	30 cps	Provided	269.33	246.63	234.53
653-H7CNBLNAC100240	H7CN-BLN-AC100-240	Reversible counting	SPST-NO	30 cps	Not provided	269.33	246.63	234.53



DIMENSIONS: mm

OMRON H7GP SERIES: COUNT/TIME TOTALIZERS

Specifications:

- Panel mount
- Screw terminal connections
- Memory backup: EEPROM 200,000 operations min.

Features:

- High-visibility 8.5mm 6-digit negative transmissive LCD display
- NEMA 4 protection when used with Y92S-32 rubber gasket supplied with each unit
- Switch between NPN and PNP operation

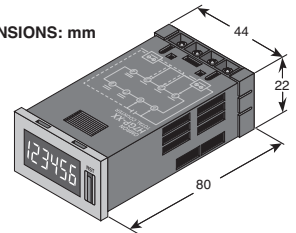


RoHS Compliant

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MOUSER STOCK NO.	Omron Part No.	Supply Voltage	Classification	Input Mode	Color of Front Section	Price Each		
						1	2	5
653-H7GP-CB	H7GP-CB	100-240 VAC	Totalizing counter	Up (incremental)	Black	166.14	163.18	158.32
653-H7GP-TB	H7GP-TB	100-240 VAC	Time totalizer	Accumulative	Black	166.14	163.18	158.32
653-H7GP-CDB	H7GP-CDB	12-24 VDC	Totalizing counter	Up (incremental)	Black	230.77	218.43	212.23

DIMENSIONS: mm



OMRON H7HP SERIES: COUNT/TIME TOTALIZERS

Specifications:

- Panel mount
- Screw terminal connections
- Input mode: H7HP-A, H7HP-AB, and H7HP-AD - Up/down (total counter) or accumulative (time counter)

Features:

- Compact and easy to read negative transmissive LCD displays with red LED backlight
- NEMA 4 protection when used with Y92S-33 rubber gasket supplied with each unit

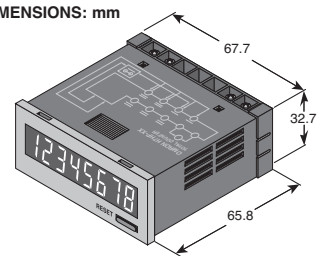


RoHS Compliant

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MOUSER STOCK NO.	Omron Part No.	Classification	Number of Digits	Supply Voltage	Color of Front Section	Price Each		
						1	2	5
653-H7HP-A	H7HP-A	Count/time counter	6	100-240 VAC	Light gray	190.45	188.03	185.25
653-H7HP-AB	H7HP-AB	Count/time counter	6	100-240 VAC	Black	194.38	192.64	190.44
653-H7HP-AD	H7HP-AD	Count/time counter	6	12-24 VDC	Light gray	172.85	167.64	163.18

DIMENSIONS: mm



OMRON H8GN SERIES: 1/32 DIN ADVANCED COUNTER/TIMER

Specifications:

- Supply voltage: 24 VDC
- Flush mounting
- Screw terminal connections

Features:

- 4-digit preset counter or 4-digit timer operation 8-digit totalizer
- NEMA 4X with IP66 front panel
- Built-in scaling



RoHS Compliant

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MOUSER STOCK NO.	Omron Part No.	Output	Price Each		
			1	2	5
653-H8GN-AD-DC24	H8GN-AD-DC24	SPDT contact (3A @ 250 VAC/30 VDC)	225.69	211.45	203.84

DIMENSIONS: mm

