

# OMRON Solid State Timers

## OMRON H3JA SERIES: ECONOMICAL, COMPACT SOLID STATE TIMERS

**Specifications:**

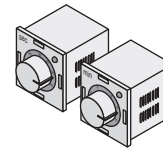
- Time-limit contact: DPDT
- Operation/Resetting system: Time-limit/self-resetting
- Supply voltage: 100-120VAC
- Power consumption: 3VA (1.3W)

**Features:**

- Replaces H3G Series
- Dual LED indication for power and output status
- Large transparent knob
- DIN size 36x36mm fits 8-pin sockets

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Time Range	Price Each		
			1	5	10
653-H3JA-8C-10S	H3JA-8C-AC100-120-10S	1 to 10 seconds	50.54	48.75	47.27
653-H3JA-8C-30S	H3JA-8C-AC100-120-30S	3 to 30 seconds	49.20	47.12	44.82
Accessories			Description		
653-P3G-08	P3G-08	8-pin socket, back mounting, for use w/Y92F-31, bottom screw terminals	18.79	15.99	13.91
653-Y92F-31	Y92F-31	Panel mount adapter, ideal for side-by-side installation, use w/P3G sockets	5.91	5.42	5.01
653-PFP-100N	PFP-100N	DIN rail, 1m in length	6.06	5.70	5.38
653-PFP-M	PFP-M	DIN rail spacer	.65	.51	.50



P3G-08



PYF08A-E

## OMRON H3YN SERIES: MINIATURE SOLID STATE TIMERS

**Specifications:**

- Insulation Resistance: 100mΩ min. (at 500VDC)
- Control outputs: DPDT - 5A @ 250VAC; 4PDT - 3A @ 250VAC
- Mechanical service life: 10 million operations min.
- Electrical service life: DPDT - 500,000 operations; 4PDT - 200,000 operations

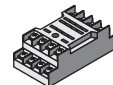
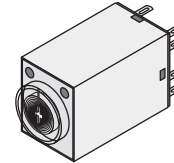
- Timing functions: ON-delay, interval, repeat cycle, ON-start/OFF start (DIP switch selectable)

**Features:**

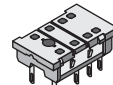
- Ultra-slim package - 21.5mm max.
- Simplifies ordering and inventory by combining multiple functions and time ranges in one unit
- LED power-ON and time-UP indicators

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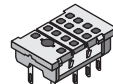
MOUSER STOCK NO.	Omron Part No.	Supply Voltage	Time Range	Time-Limit Contact	Price Each		
					1	5	10
653-H3YN-2-AC1	H3YN-2-AC100-120	100-120VAC	Short-time range (0.1s to 10m)	DPDT	52.34	51.54	50.45
653-H3YN-21DC24	H3YN-21 DC24	24VAC	Long-time range (0.1m to 10h)	DPDT	68.40	57.25	50.66
653-H3YN-4-AC1	H3YN-4 AC100-120	100-120VAC	Short-time range (0.1s to 10m)	4PDT	55.57	53.21	51.98
653-H3YN-4-DC24	H3YN-4-DC24	24VDC	Short-time range (0.1s to 10m)	4PDT	60.00	57.02	56.12
653-H3YN-21-AC1	H3YN-21-AC100-120	100-120VAC	Long-time range (0.1m to 10h)	DPDT	58.25	56.13	53.82
653-H3YN-2-DC24	H3YN-2-DC24	24VAC	Short-time range (0.1s to 10m)	DPDT	64.70	59.00	57.32
653-H3YN-41AC100-120	H3YN-41 AC100-120	100-120VAC	Long-time range (0.1m to 10h)	4PDT	59.22	57.34	56.30
Accessories			Description			Price Each	
653-PYF08A-E	PYF08A-E	Track mount/front connect socket for DPDT time (H3YN-2, H3YN-21)			4.91	4.62	4.36
653-PYF14A-E	PYF14A-E	Track mount/front connect socket for 4PDT time (H3YN-4)			6.44	6.25	6.03
653-PY08	PY08	Back connect, solder terminal socket for DPDT (H3YN-2, H3YN-21)			1.22	1.15	1.08
653-PY14	PY14	Back connect, solder terminal socket for 4PDT (H3YN-4)			1.69	1.61	1.45
653-PY08-02	PY08-02	Back connect, PC terminal socket for DPDT (H3YN-2, H3YN-21)			1.16	1.09	1.04
653-PY14-02	PY14-02	Back connect, PC terminal socket for 4PDT (H3YN-4)			1.61	1.52	1.45
653-Y92H-4	Y92H-4	Hold down clip for sockets PY08, PY08-02, PY14, PY14-02			2.10	1.92	1.75



PYF14A-E



PY08  
PY08-02



PY14  
PY14-02

## OMRON H5CX-N SERIES: 1/16 DIN MULTIFUNCTION DIGITAL TIMERS

**Specifications:**

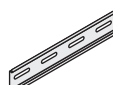
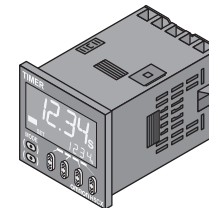
- Control output: Time limit - SPDT, 5A at 250VAC, Transistor, NPN, 100 mA at 30VDC
- Ranges: 0.001 second to 9999 hours
- Supply voltage: 100 to 240VAC or 24VAC / 12 to 24VDC

**Features:**

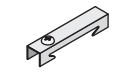
- Advanced programmable display with twin timer function
- PNP/NPN input
- Programmable via front or dip switches on back
- NEMA4 front

For quantities greater than listed, call for quote.

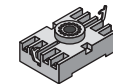
MOUSER STOCK NO.	Omron Part No.	Connection	Signal Input	Socket Mountable	Price Each		
					1	5	10
653-H5CXASNA100240	H5CX-AS-N AC100-240	Screw terminals	PNP/NPN	No	172.98	163.66	158.80
653-H5CX-L8DN1224A24	H5CX-L8-DN DC12-24/AC24	8-pin socket	NPN	Yes	122.49	119.19	113.08
653-H5CX-A11DN1224A24	H5CX-A11-DN DC12-24/AC24	11-pin socket	PNP/NPN	Yes	173.99	172.65	171.82
653-H5CX-A11NAC100240	H5CX-A11-N AC100-240	11-pin socket	PNP/NPN	Yes	239.78	203.98	189.82
653-H5CX-ASDND1224A24	H5CX-ASD-N-DC12-24/AC24	Screw terminals	PNP/NPN	No	182.43	177.50	168.40
653-H5CX-ADNA24D1224	H5CX-AD-N AC24/DC12-24	Screw terminals	PNP/NPN	No	230.44	196.04	182.43
653-H5CX-L8NAC100240	H5CX-L8-N AC100240	8-pin socket	NPN	Yes	161.29	156.94	148.89
653-H5CX-ANAC100240	H5CX-A-N AC100-240	Screw terminals	PNP/NPN	No	194.79	190.46	183.89
Accessories			Description			Price Each	
653-P2CF-08-E	P2CF-08-E	Front connecting socket, 8 pin, finger-safe type			12.21	11.21	10.34
653-Y92P-CXT4B	Y92P-CXT4B	Front panel replacement, black			4.24	3.77	3.69
653-Y92P-CXT4G	Y92P-CXT4G	Front panel replacement, light gray			4.24	3.77	3.69
653-Y92P-CXT4S	Y92P-CXT4S	Front panel replacement, white			4.24	3.77	3.69



PFP-100N



PFP-M



P2CF-08-E

## OMRON H5CN-X SERIES: MINIATURE DIN QUARTZ DIGITAL TIMERS

**Specifications:**

- Contact output: SPDT
- Output mode: N mode (Power ON-delay)
- Supply voltage: 100-240VAC

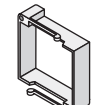
- Pin type: 8-pin
- Display type: UP (Increments from 0 to the set time)

**Features:**

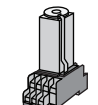
- Selection of elapsed time indication and contact output types to suit requirements
- Power supply freely selectable within a range of 100 to 240VAC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Display	Rated Time	Price Each		
				1	5	10
653-H5CN-XBN	H5CN-XBN AC100-240	UP	0.1 to 999.9s	340.35	312.00	288.00
653-H5CNXCNA100240	H5CN-XCN AC100-240	UP	1s to 99m59s	269.44	247.00	228.00



Y92F-31



Y92H-4



Y92P

## OMRON H5L SERIES: 1/4 DIN SIZE WEEKLY TIMERS

**Specifications:**

- Control output: 2 independent SPST relays with manual override switches
- Terminal form: Screw terminals accessible from front and back
- Service life: 100,00 operations min.

**Features:**

- 24 hours x 7 days programming using just 5 switches
- 16 program steps and cycle operation
- Easy-to-read, large, 0.5 inch high LCD display
- 10-year battery backup

- Hardware for panel and surface mounting included and designed for track mounting

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Supply Voltage	Maximum Load	Price Each			
				1	5	10	
653-H5L-A	H5L-A	100 to 240VAC	10A @ 250VAC	200.02	194.28	174.72	
Accessories			Description			Price Each	
653-PFP-100N	PFP-100N	DIN rail, 1m in length			6.06	5.70	5.38
653-PFP-M	PFP-M	DIN rail spacer			.65	.51	.50

