

OMRON Solid-State Timers



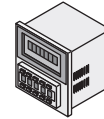
OMRON H3CA SERIES: 1/16 DIN, DIGITAL-SET, SOLID-STATE TIMER

Specifications:

- Control Output: Time limit - SPDT; Instantaneous - N/A
- Connection: 11-pin socket (P2CF-11) required for mounting
- Mechanical service life: 10 million operation min.
- Electrical service life: 100,000 operations min.
- Timing functions: ON-delay, Repeat cycle, signal interval/ OFF-delay; signal OFF-delay I; interval; Cycle; signal ON-delay/OFF-delay; signal OFF-delay II

Features:

- 8 field-selectable operation modes
- Selectable no-voltage start, reset, gate and check input
- Time remaining LCD bar graph and LCD output status indicator
- Universal AC/DC supply voltage



For quantities of 20 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Supply Voltage	Maximum Load	Price Each		
				1	5	10
653-H3CA-A 653-H3CA-8H-AC100	H3CA-A H3CA-8H-AC100/110/120	24 to 240VAC; 12 to 240VDC 100/110/120VAC	3A @ 250VAC 3A @ 250VAC	125.63	121.51	116.31
				120.39	118.37	113.15
				1	25	50
Accessories						
653-P2CF-11	P2CF-11	11-pin round socket, bottom surface or track mounting, top screw terminals 11-pin socket, back mounting, for use with Y92F-30, bottom screw terminals Panel mount adapter, ideal for side by side installation, use w/P3G sockets DIN rail, 1m in length DIN rail spacer		13.16	11.73	11.06
653-P3GA-11	P3GA-11			9.19	8.57	8.15
653-Y92F-30	Y92F-30			9.20	8.44	7.80
653-PFP-100N	PFP-100N			6.06	5.70	5.38
653-PFP-M	PFP-M			.65	.62	.57

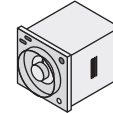
OMRON H3CR SERIES: 1/16 DIN SOLID-STATE TIMER

Specifications:

- Control output type: DPDT relay
- Supply voltage: 100-240VAC/24VAC or 12VDC or 24VDC
- Maximum load: 5A @ 250VAC

Features:

- Wide range AC supply voltage models (100-240VAC) fit most applications and reduce spare parts inventory.
- Short (80 mm) panel mounting depth with socket allows for more space-efficient control panel design.



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MOUSER STOCK NO.	Omron Part No.	Output	Terminal Form	Terminal Range	Timing Function	Price Each		
						1	5	10
Analog-Set Timer								
653-H3CRA-AC1	H3CR-A-AC100-240/DC100-125	100-240 VAC	11-pin round	0.05s to 300hr	ON-Delay, Repeat cycle, (B, B2), Signal ON/OFF delay, Signal OFF-delay, Interval	68.05	67.58	66.51
653-H3CRA8-AC1 653-H3CRA8EAC	H3CR-A8-AC100-240/DC100-125 H3CR-A8E AC100-240/DC100-125	100-240 VAC 100-240 VAC (50/60 Hz)/ 100-125 VDC	8-pin round	0.05s to 300hr	ON-delay, interval	68.05	66.77	63.97
			8-pin round	0.05s to 300hr	ON-delay, interval	106.07	102.51	99.26
653-H3CRA-24	H3CR-A-AC24-48/DC12-48	100-240 VAC	11-pin round	0.05s to 300hr	ON-Delay, Repeat cycle, (B, B2), Signal ON/OFF delay, Signal OFF-delay, Interval	68.09	66.51	65.21
Repeat-Cycle Timer								
653-H3CRF83AC100/240	H3CR-F8-300-AC100/240	100-240 VAC	8-pin round	1.2s to 300hr	Repeat cycle ON start	78.52	76.51	74.25
653-H3CRF8AC100/240	H3CR-F8-AC100-240	100-240 VAC	8-pin round	0.05s to 30hr	Repeat cycle OFF start	78.81	77.51	76.94
653-H3CR-F8N	H3CR-F8N AC100-240	100-240 VAC	8-pin round	0.05s to 30hr	Repeat cycle ON start	87.46	83.46	79.96
						1	25	50
Accessories								
653-P2CF-08	P2CF-08	8-pin round socket, bottom surface or track mounting, top screw terminals 8-pin socket, back mounting, for use with Y92F-30, bottom screw terminals 11-pin round socket, bottom surface or track mounting, top screw terminals 11-pin socket, back mounting, for use with Y92F-30, bottom screw terminals Panel mount adapter, ideal for side by side installation, use w/P3G sockets DIN rail, 1m in length DIN rail spacer				11.89	10.91	10.07
653-P3G-08	P3G-08					10.63	9.56	8.50
653-P2CF-11	P2CF-11					13.16	11.73	11.06
653-P3GA-11	P3GA-11					9.19	8.57	8.15
653-Y92F-30	Y92F-30					9.20	8.44	7.80
653-PFP-100N	PFP-100N				6.06	5.70	5.38	
653-PFP-M	PFP-M				.65	.62	.57	

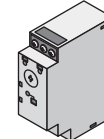
OMRON H3DE-M/-S SERIES: MULTIFUNCTION AND STANDARD SOLID-STATE TIMER

Specifications:

- Supply voltage: 24-230VAC/DC
- Control DPDT relay output: 5A @ 250VAC/30VDC
- Mechanical life expectancy: 10 million operations min.
- Electrical life expectancy: 100,000 operations min
- Timing Functions H3DE-M: ON-delay, flicker-OFF start, flicker-ON start, signal ON/OFF-delay, signal OFF-delay, interval, signal ON/OFF-delay, one-shot
- Timing Functions H3DE-S: ON-delay, flicker-ON start, interval, one-shot

Features:

- Programmable contact enables the building of a self-holding relay circuit in H3DE-x2 models
- Wide AC/DC power supply range minimizes inventory
- Wide time setting range of 0.10 seconds to 120 hours
- High immunity to inverter noise
- Finger protection terminal block



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MOUSER STOCK NO.	Omron Part No.	Outputs	Price Each		
			1	5	10
Multifunction Timers					
653-H3DE-M1	H3DE-M1 AC/DC24-230	SPDT (time-limit output SPDT)	52.34	50.45	49.51
653-H3DE-M2	H3DE-M2 AC/DC24-230	DPDT (time-limit output SPDT) and switchable SPDT	62.00	61.66	58.86
Standard Timers					
653-H3DE-S1	H3DE-S1 AC/DC 24-230	SPDT (time-limit output SPDT)	45.71	42.24	40.37
653-H3DE-S2	H3DE-S2 AC/DC 24-230	DPDT (time-limit output SPDT) and switchable SPDT	54.98	50.83	48.55
Accessories					
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	.62	.57

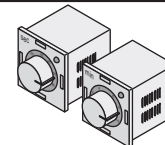
OMRON H3JA SERIES: ECONOMICAL, COMPACT SOLID-STATE TIMER

Specifications:

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

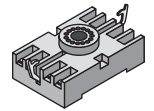
Features:

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

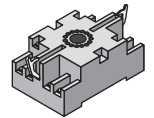


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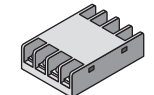
MOUSER STOCK NO.	Omron Part No.	Time Range	Price Each			
			1	5	10	
653-H3JA-8C-10S 653-H3JA-8C-30S	H3JA-8C-AC100-120-10S H3JA-8C-AC100-120-30S	1 to 10 seconds	51.47	49.44	48.88	
		3 to 30 seconds	51.47	47.12	44.82	
				1	25	50
Accessories						
653-PF085A	PF085A	8-pin socket, back mounting, for use with Y92F-31, bottom screw terminals 8-pin socket, back mounting, for use with Y92F-31, bottom screw terminals Panel mount adapter, ideal for side by side installation, use w/P3G sockets DIN rail, 1 m in length DIN rail spacer Timer hold down clips, one pair. Supplied with H3G timer.		10.41	9.47	8.68
653-P3G-08	P3G-08			10.63	9.56	8.50
653-Y92F-31	Y92F-31			5.58	5.12	4.73
653-PFP-100N	PFP-100N			6.06	5.70	5.38
653-PFP-M	PFP-M			.65	.62	.57
653-Y92H-6	Y92H-6		2.46	2.24	2.05	



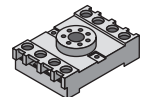
P2CF-08



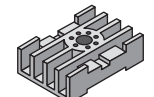
P2CF-11



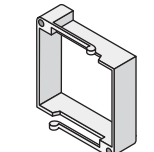
P3G-08, P3FA-11



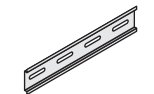
PF083A-E



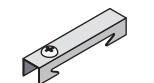
PF085A



Y92F-30, Y92F-31



PFP-100N



PFP-M