

OMRON Solid-State Timers



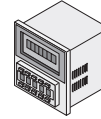
OMRON H3CA SERIES: 1/16 DIN, DIGITAL-SET, SOLID-STATE TIMER

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

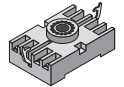
Features:

- 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

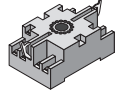


For quantities of 20 and up, call for quote.

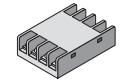
MOUSER STOCK NO.	Omron Part No.	Supply Voltage	Maximum Load	Price Each		
				1	5	10
653-H3CA-A	H3CA-A	24 to 240 VAC; 12 to 240 VDC	3 Amps @ 250 VAC	115.63	105.88	100.69
Accessories				Description		
653-P2CF-11	P2CF-11	11-pin round socket, bottom surface or track mounting, top screw terminals		8.78	8.04	7.64
653-P3GA-11	P3GA-11	11-pin socket, back mounting, for use with Y92F-30, bottom screw terminals		8.78	8.04	7.64
653-Y92F-30	Y92F-30	Panel mount adapter, ideal for side by side installation, use w/ P3G sockets		7.33	6.71	6.38
653-PFP-100N	PFP-100N	DIN rail, 1 m in length		7.25	6.82	6.39
653-PFP-M	PFP-M	DIN rail spacer		.52	.49	.46



P2CF-08

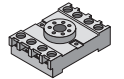


P2CF-11



P3G-08

P3FA-11



PF083A-E

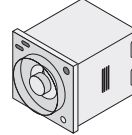
OMRON H3CR-A SERIES: 1/16 DIN, ANALOG-SET, SOLID-STATE TIMER

Specifications:

- Control output type: DPDT relay
- Supply voltage: 100-240 VAC/24 VAC or 12 VDC or 24 VDC
- Maximum load: 5A @ 250 VAC
- Timing functions for 11-pin round: ON-delay, Repeat cycle, signal ON/OFF delay, signal OFF delay, interval
- Timing Functions for 8-pin round: ON-delay, interval

Features:

- Field selectable time ranges from 0.05 seconds to 300 hours.
- Choose 6- or 2-function models to fit most applications
- Wide range AC supply voltage models (100-240 VAC) fit most applications and reduce spare parts inventories
- 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	Price Each		
				1	5	10
653-H3CRA-AC1	H3CR-A-AC100-240/DC100-125	100-240 VAC	11-pin round	72.02	65.95	62.72
653-H3CRA8-AC1	H3CR-A8-AC100-240/DC100-125	100-240 VAC	8-pin round	72.02	65.95	62.72
653-H3CRA-24	H3CR-A-AC24-48/DC12-48	24 VAC/VDC	11-pin round	72.02	65.95	62.72
Accessories				Description		
653-P2CF-08	P2CF-08	8-pin round socket, bottom surface or track mounting, top screw terminals		8.33	7.63	7.25
653-P3G-08	P3G-08	8-pin socket, back mounting, for use with Y92F-30, bottom screw terminals		7.43	6.81	6.47
653-P2CF-11	P2CF-11	11-pin round socket, bottom surface or track mounting, top screw terminals		8.78	8.04	7.64
653-P3GA-11	P3GA-11	11-pin socket, back mounting, for use with Y92F-30, bottom screw terminals		8.78	8.04	7.64
653-Y92F-30	Y92F-30	Panel mount adapter, ideal for side by side installation, use w/ P3G sockets		7.33	6.71	6.38
653-PFP-100N	PFP-100N	DIN rail, 1 m in length		7.25	6.82	6.39
653-PFP-M	PFP-M	DIN rail spacer		.52	.49	.46

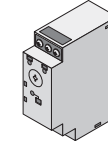
OMRON H3DE-M/S SERIES: MULTIFUNCTION AND STANDARD SOLID-STATE TIMER

Specifications:

- Supply voltage: 24-230 VAC/DC
- Control DPDT relay output: 5A @ 250 VAC/30 VDC
- 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

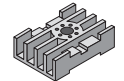
Features:

- 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

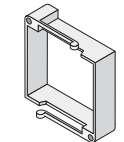


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MOUSER STOCK NO.	Omron Part No.	Outputs	Price Each		
			1	5	10
Multifunction Timers					
653-H3DE-M1	H3DE-M1 AC/DC24-230	SPDT (time-limit output SPDT)	52.93	48.47	46.09
653-H3DE-M2	H3DE-M2 AC/DC24-230	DPDT (time-limit output SPDT) and switchable SPDT	64.79	59.33	56.42
Standard Timers					
653-H3DE-S1	H3DE-S1 AC/DC 24-230	SPDT (time-limit output SPDT)	40.21	36.82	35.01
653-H3DE-S2	H3DE-S2 AC/DC 24-230	DPDT (time-limit output SPDT) and switchable SPDT	47.23	43.25	41.13
Accessories				Description	
653-PFP-100N	PFP-100N	DIN rail, 1 m in length		7.25	6.82
653-PFP-M	PFP-M	DIN rail spacer		.52	.49



PF085A



Y92F-30

Y92F-31

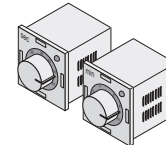
OMRON H3JA SERIES: ECONOMICAL, COMPACT SOLID-STATE TIMER

Specifications:

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

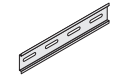
Features:

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

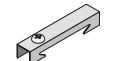


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MOUSER STOCK NO.	Omron Part No.	Time Range	Price Each		
			1	5	10
653-H3JA-8C-10S	H3JA-8C-AC100-120-10S	1 to 10 seconds	50.33	46.09	43.83
653-H3JA-8C-30S	H3JA-8C-AC100-120-30S	3 to 30 seconds	50.33	46.09	43.83
653-H3JA-8C-60S	H3JA-8C-AC100-120-60S	6 to 60 seconds	50.33	46.09	43.83
653-H3JA-8C-5M	H3JA-8C-AC100-120-5M	0.5 to 5 minutes	50.33	46.09	43.83
Accessories				Description	
653-PF085A	PF085A	8-pin socket, back mounting, for use with Y92F-31, bottom screw terminals		9.14	8.37
653-P3G-08	P3G-08	8-pin socket, back mounting, for use with Y92F-31, bottom screw terminals		7.43	6.81
653-Y92F-31	Y92F-31	Panel mount adapter, ideal for side by side installation, use w/ P3G sockets		4.44	4.07
653-PFP-100N	PFP-100N	DIN rail, 1 m in length		7.25	6.82
653-PFP-M	PFP-M	DIN rail spacer		.52	.49
653-Y92H-6	Y92H-6	Timer hold down clips, one pair. Supplied with H3G timer.		1.62	1.48



PFP-100N



PFP-M