

OMRON Solid-State Timers



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 operation 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:

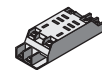
- Ultra-slim package - 21.5mm max.
- Simplifies ordering and inventory by combining multiple functions and time ranges in one unit
- LED power-ON and time-UP indicators

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 (0.1 s to 10 min)	DPDT	54.74	50.13	47.67
653-H3YN-2-AC230	H3YN-2-AC200-230	200-230 VAC	Short-time range (0.1 s to 10 min)	DPDT	102.38	92.14	89.02
653-H3YN-2-DC12	H3YN-2-DC12	12VDC	Short-time range (0.1 s to 10 min)	DPDT	102.38	92.14	87.02
653-H3YN-4-AC1	H3YN-4 AC100-120	100-120VAC	Short-time range (0.1 s to 10 min)	4PDT	48.16	47.67	45.58
653-H3YN-4-DC24	H3YN-4-DC24	24VDC	Short-time range (0.1 s to 10 min)	4PDT	102.38	92.14	87.03
653-H3YN-21-AC1	H3YN-21-AC100-120	100-120VAC	Long-time range (0.1 min to 10 hrs)	DPDT	54.74	50.13	47.67
Accessories					Description		
653-PYF08A-E	PYF08A-E	Track mount/front connect socket for DPDT time (H3YN-2,H3YN-21)			4.62	4.50	4.27
653-PYF14A-E	PYF14A-E	Track mount/front connect socket for 4PDT time (H3YN-4)			6.71	6.55	6.21
653-PY08	PY08	Back connect, solder terminal socket for DPDT (H3YN-2, H3YN-21)			1.12	1.06	.95
653-PY14	PY14	Back connect, solder terminal socket for 4PDT (H3YN-4)			1.56	1.48	1.32
653-PY08-02	PY08-02	Back connect, PC terminal socket for DPDT (H3YN-2, H3YN-21)			1.12	1.06	.95
653-PY14-02	PY14-02	Back connect, PC terminal socket for 4PDT (H3YN-4)			1.56	1.48	1.32
653-Y92H-3	Y92H-3	Hold down clip for sockets PYF08A-E, PYF14A-E			1.45	1.33	1.27
653-Y92H-4	Y92H-4	Hold down clip for sockets PY08, PY08-02, PY14, PY14-02			2.56	2.30	2.15

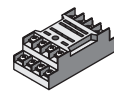
For quantities of 20 and up, call for quote.



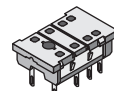
RoHS Compliant



PYF08A-E

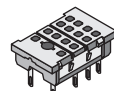


PYF14A-E



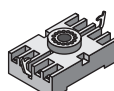
PY08

PY08-02



PY14

PY14-02



P2CF-08

OMRON H5CX SERIES: 1/16 DIN MULTIFUNCTION DIGITAL TIMERS

Specifications:

- Supply voltage: 100-240VAC
- Control output: Time limit
- Time ranges: 0.001 seconds to 9999 hours

- NEMA4/IP66 front
- SPDT contact output rating: 5A @ 250VAC
- Adapter and waterproof packing provided with H5CX-A and H5CX-AD

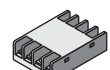
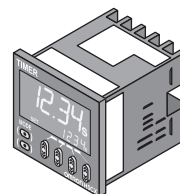
Features:

- 11 field selectable timing modes
- 4 digit display
- Twin timer function

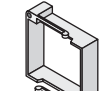
- Programmable display color
- Key protect function

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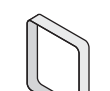
MOUSER STOCK NO.	Omron Part No.	Connection	Signal Input	Socket Mountable	Price Each		
					1	5	10
653-H5CX-L8-AC100	H5CX-L8-AC100-240	8-pin socket	No	Yes	115.57	112.98	109.46
653-H5CX-L8D-AC24	H5CX-L8D-AC24/DC12-24	8-pin socket	No	Yes	142.31	130.32	123.92
653-H5CX-A11-AC100	H5CX-A11-AC100-240	11-pin socket	PNP/NPN	Yes	237.00	225.15	213.30
653-H5CX-A11D-AC24	H5CX-A11D-AC24/DC12-24	11-pin socket	PNP/NPN	Yes	203.32	186.50	177.53
653-H5CX-A-AC100	H5CX-A-AC100-240	Screw terminals	PNP/NPN	No	140.94	137.35	133.68
653-H5CX-AD-AC24	H5CX-AD-AC24/DC12-24	Screw terminals	PNP/NPN	No	166.61	152.57	145.08
Accessories					Description		
653-P2CF-08	P2CF-08	8-pin socket, track mounting/front connecting			9.98	9.67	9.37
653-P2CF-11	P2CF-11	11-pin socket, track mounting/front connecting			10.11	9.48	8.87
653-P3G-08	P3G-08	8-pin socket, back connecting for panel mount			7.20	6.74	6.31
653-Y92F-30	Y92F-30	Flush mounting adapter			9.02	8.33	7.65
653-PFP-100N	PFP-100N	DIN rail 1m x 7.3mm			5.92	5.56	5.28
653-PFP-M	PFP-M	DIN rail end plate			.62	.61	.57



PY14



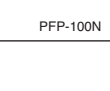
P2CF-08



P3G-08

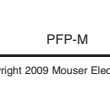


Y92F-30



Y92A-96A

Y92A-72C



PFP-100N

OMRON H5CX-B SERIES: 1/16 DIN 2-STAGE DIGITAL TIMERS

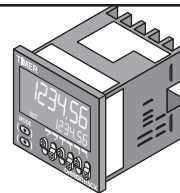
Specifications:

- Supply voltage: 12-24VDC
- Control output: Time limit
- Time ranges: 0.01 seconds to 99,999.9 hours
- NEMA4/IP66 front
- NPN open collector transistor output rating: 100mA @ 30 VDC
- Adapter, waterproof packing, and unit label provided

Features:

- Cumulative or on-delay timing functions
- 6 Digit display
- Programmable display color
- Key protect function

RoHS Compliant



For quantities of 20 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Connection	Signal Input	Socket Mountable	Price Each		
					1	5	10
653-H5CX-BWSD	H5CX-BWSD	Screw terminals	PNP/NPN	No	160.67	155.45	151.84

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: 100,000 operations min.

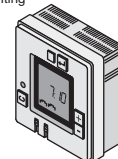
Features:

- 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: designed for track mounting

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-H5L-A	H5L-A	100 to 240VAC	10A@ 250VAC	256.01	227.38	218.96	
Accessories					Description		
653-PFP-100N	PFP-100N	DIN rail, 1m in length			5.92	5.56	5.28
653-PFP-M	PFP-M	DIN rail spacer			.62	.61	.57



Y92A-96A

Y92A-72C

OMRON H5S SERIES: WEEKLY TIMERS

Specifications:

- Control output: 2 SPST - NO time limit contacts with manual override switches
- Terminal form: Screw terminals
- Electrical service life: 50,000 operations min
- Cycle length: 1 minute to a full week
- Maximum load: 15A @ 250VAC

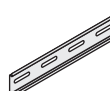
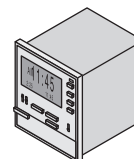
Features:

- ON/OFF and cycle operations up to one week
- AM/PM display
- Over midnight settings possible
- Battery backup for memory protection
- Wide supply voltage range
- Field-adjustable ON/OFF, cycle and pulse output



For quantities of 20 and up, call for quote.

MOUSER STOCK NO.	Omron Part No.	Connection	Supply Voltage	Price Each			
				1	5	10	
653-H5S-WB2	H5S-WB2	Panel mounting	100-240VAC	253.79	211.89	205.31	
653-H5S-WFB2	H5S-WFB2	Surface or track mounting	100-240VAC	247.60	226.73	215.61	
Accessories					Description		
653-Y92A-72C	Y92A-72C	Clear, hard plastic cover for H5S-B			5.68	5.41	5.07
653-PFP-100N	PFP-100N	DIN rail, 1 m in length			5.92	5.56	5.28
653-PFP-M	PFP-M	DIN rail spacer			.62	.61	.57



PFP-100N



PFP-M

