

# OMRON ON-Delay H3JA Timers

**Features:** • DPDT contact Form • Fits standard 8-pin sockets • LED power-ON indicator • ON-delay only

**Specifications:** • Supply Voltage: 100/110/120VAC • Control Output, DPDT: maximum load - 5A, 125/250VAC (resistive load), minimum load - 100mA, 5VDC • Operating Temperature: 14°F - 131°F (-10°C - 55°C) • Mechanical Service Life: 10 million operations minimum • Electrical Service Life: 100,000 operations minimum at maximum ratings

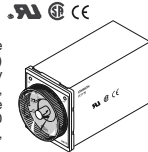


Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Delay Timer, 120VAC, 1 - 10 Second, DPDT	Z1646-ND	35.93	33.27	31.06	H3JA-8C-AC100-120 10S
Delay Timer, 120VAC, 0 - 30 Second, DPDT	Z2369-ND	35.93	33.27	31.06	H3JA-8C-AC10012030S
Delay Timer, 120VAC, 0 - 1 Minute, DPDT	Z2381-ND	35.93	33.27	31.06	H3JA-8C-AC10012060S
Delay Timer, 120VAC, 0 - 10 Minute, DPDT	Z2388-ND	35.93	33.27	31.06	H3JA-8C-AC10012010M
Delay Timer, 120VAC, 0 - 60 Minute, DPDT	Z2390-ND	35.93	33.27	31.06	H3JA-8C-AC10012060M
8-Pin Relay Socket for H3JA/H5CX-LB Series	Z883-ND	5.66	5.09	4.53	P3G-08
Panel Mount Adapter for H3JA Series	Z886-ND	4.01	3.61	3.21	Y92F-31
DIN-Rail Mount Socket for H3JA Series	Z2368-ND	6.29	5.82	5.44	PF085-A

◆ RoHS Compliant

## Low Cost H3YN Timers

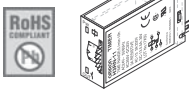
**Features:** • Improved miniature timer relay that operates in 4 selectable modes: ON-Delay, Interval, Repeat Cycle, ON-Start (selectable by dip switches) • Independent Power-ON and Time-Up indicators show relay status instantly • Control Outputs: DPDT: 5A at 250VAC, resistive load; 4PDT: 3A at 250VAC, resistive load • Operating Temperature: -10°C - 50°C • Mechanical Service Life: 10,000,000 operations minimum • Electrical Service Life: DPDT: 500,000 operations minimum; 4PDT: 200,000 operations minimum For mounting socket, use Z882-ND (DPDT) or Z811-ND (4PDT)



Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Relay Timer Analog 0 - 10 Minute DPDT	Z1134-ND	38.22	35.40	33.04	H3YN-2 AC100-120
Relay Timer Analog 0 - 10 Hours DPDT	Z1135-ND	38.22	35.40	33.04	H3YN-21 AC100-120
Relay Timer Analog 0 - 10 Minute 4PDT	Z1136-ND	38.22	35.40	33.04	H3YN-4 AC100-120
Relay Timer Analog 0 - 10 Hours 4PDT	Z1137-ND	38.22	35.40	33.04	H3YN-41 AC100-120

## H3RN Compact Analog Timers

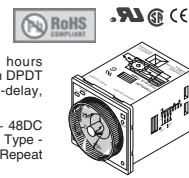
**Features:** • Multiple operating modes, DIP switch selectable, ON-delay, Interval, Repeat cycle ON-Start/OFF-Start • Standard multiple time ranges: Short range (0.15 - 10 minutes) Long range (0.1 minute - 10 hours) • Pin configuration compatible with G2R-IS



Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Mini Delay Timer, 4 Mode, 0 - 10 Min., 24 VAC	Z2397-ND	33.64	31.15	29.07	H3RN-1-AC24
Mini Delay Timer, 4 Mode, 0 - 10 Min., 24 VDC	Z2398-ND	33.64	31.15	29.07	H3RN-1-DC24
Mini Delay Timer, 4 Mode, 0 - 10 Hrs., 24 VAC	Z2399-ND	33.64	31.15	29.07	H3RN-11-AC24
Mini Delay Timer, 4 Mode, 0 - 10 Hrs., 24 VDC	Z2400-ND	33.64	31.15	29.07	H3RN-11-DC24

## H3CR Analog Timers

**Features:** • Field-selectable time ranges from 0.05 second to 300 hours • Use for delay timing, repeatable cycles or duration (interval) timing. Built-in DPDT relay switches when timing cycle is complete. • Timing Functions: ON-delay, Repeat cycle (B, B2), Signal ON/OFF delay, Signal OFF-delay, Interval • **Specifications:** • Supply Voltage: 100VAC - 240VAC, or 24 - 48VAC/12 - 48DC • Operating Voltage: 85% - 110% of rated supply voltage • Control Output: Type - DPDT relay, Maximum load - 5A, 250VAC, minimum load - 10mA, 5VDC • Repeat Accuracy: ±0.3% full scale maximum, except in 1.2 range ±0.3%, ±10ms

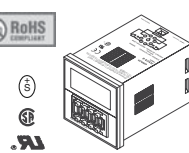


Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Relay Timer, 120/240VAC, 11-Pin Octal DPDT	Z876-ND	49.69	46.02		H3CRAAC100240DC100125
Relay Timer, 24VDC/AC, 11-Pin Octal DPDT	Z997-ND	49.69	46.02		H3CRAAC24-48/DC12-48
Relay Timer, 120/240 VAC, 8-Pin Octal	Z2379-ND	49.69	46.02		H3CR-A8-AC100240/DC100125
Relay Timer, 24VDC/VAC, 8-Pin Octal	Z2380-ND	49.69	46.02		H3CR-A8-AC24-48/DC12-48
Relay Timer, 24 VDC/VAC, 8-Pin Octal	Z2381-ND	51.98	48.14		H3CR-A8E-AC/DC24-48
Repeat Timer, 0 - 30 hrs., 120 - 240VAC	Z2366-ND	57.34	53.09		H3CR-F-AC100-240
Repeat Timer, 0 - 300 hrs., 120VAC, 8-Octal	Z2384-ND	57.34	53.09		H3CR-F8-300-AC100240
Repeat Timer, 0 - 30 hrs., 120 - 240VAC	Z2358-ND	74.98	69.43		H3CR-FN-AC100-240
Repeat Time, 0 - 30 hrs., 12VDC	Z2815-ND	57.34	53.09		H3CR-F8-DC12
Repeat Timer, 0 - 30 hrs., 120VAC, 8-Octal	Z2385-ND	57.34	53.09		H3CR-F8N-AC100240
Off-Delay Timer, 0 - 12 min., 120 VAC	Z2386-ND	55.05	50.97		H3CR-H8L-AC100-120M
Off-Delay Timer, 0 - 12 sec., 120VAC	Z2387-ND	55.05	50.97		H3CR-H8L-AC100-120S
Hard Plastic Clr. Cover for 48x48mm Timers	Z2367-ND	5.97	5.53		Y92A-48B
Soft Protective Panel Cover, For H3CR	Z2802-ND	11.01	10.20		Y92A-48F1
Socket Din Mount 11-Pin Screw Terminal	Z884-ND	6.67	6.01		P2CF-11
Protective Panel Cover, Black, For H3CR	Z929-ND	3.62	3.35		Y92P-48GB
Chassis Mount 11-Pin Octal Socket	Z2250-ND	6.67	6.01		P3GA-11

## Solid State Timers

### Series H3CA - Digital Bar Graph

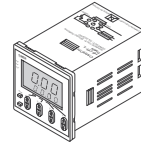
**Features:** • A simple programmable timer to setup and read with presettable thumb wheel switches for time and mode selection. Also features a simple time-remaining LCD bar graph and LCD status indicator for easy viewing • Operations include: ON-delay, Repeat-cycle, Signal Interval/OFF-delay, Signal-OFF delay (I and II), Interval, Cycle and Signal ON-delay/OFF-delay



Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Timer, .1 Sec. - 9.99 Khrs., 11-Pin Octal	Z2359-ND	91.74	84.95	79.28	H3CA-A
Timer, .1 Sec. - 9.99 Khrs., 8-Pin Octal	Z2377-ND	87.92	81.41	75.98	H3CA-8-AC100/110/120
Timer, ON-Delay Only, 8-Pin Octal	Z2378-ND	87.92	81.41	75.98	H3CA-8H-AC100110120

## Relay Timers Series H5CX - Digital

**Features:** • Field-selectable time ranges from 0.001 second to 9999 hours • High-visibility alphanumeric LCD display has 11.5mm high characters and built-in backlight • Selectable elapsed time (UP) and time remaining (DOWN) display • Timing functions: 11 selectable, including ON-delay, repeat cycle, OFF delay, interval, and one-shot • Programmable display color to alert any output status change



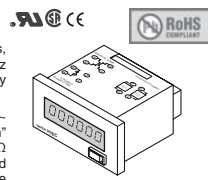
**Specifications:** • Supply voltage: 100VAC - 240VAC, 50/60 Hz • Operating Voltage: 85% - 110% of rated voltage • Relay Control Output: Maximum load - 5A, 250VAC; Minimum load - 10mA, 5VDC • Memory Function: Retains preset values for 10 years at 25°C • Operating Temperature: 14°F - 131°F (-10°C - 55°C) • Mechanical Service Life: 10 million operations minimum • Electrical Service Life: 100,000 operations minimum at 5A, 240VAC, resistive load (p.f. = 1)

Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Digital Timer, w/Backlight Time, 8-Pin Octal	Z1644-ND	99.38	92.03		H5CX-L8-AC100-240
Digital Timer, 8-Pin Octal, 12-24 VDC/AC	Z2370-ND	99.38	92.03		H5CX-L8D-AC24DC1224
Digital Timer, w/Backlight, Screw Terminal	Z1645-ND	114.67	106.18		H5CX-A-AC100-240
Digital Timer, Screw Terminal, 12-24VDC/AC	Z2371-ND	114.67	106.18		H5CX-AD-AC24DC12-24
Digital Timer, 11-Pin Octal, 120/240VAC	Z2369-ND	114.67	106.18		H5CX-A11-AC100-240
Digital Timer, 11-Pin Octal, 12-24VDC/AC	Z2405-ND	114.67	106.18		H5CX-A11D AC24/DC12-24
Digital Timer, Screw Terminal, 12-24VDC/AC	Z2373-ND	114.67	106.18		H5CX-ASD-AC24/DC12-24
Digital Twin Timer, Screw Term., 12-24VDC/AC	Z2408-ND	137.61	127.42		H5CX-BWSD
Panel Mount Adapter for H3CR/H5CX-L8 Series	Z885-ND	9.21	8.30		Y92F-30
Socket 8-Pin Octal Chassis Mount	Z883-ND	5.66	5.09		P3G-08
DIN Rail Mount Screw Terminal Socket, 8 Octal	Z2407-ND	3.67	3.40		P2CF-08

◆ RoHS Compliant

## Count Totalizer

Omron's self-powered totalizing counters feature either no-voltage inputs, DC voltage only or combined AC/DC voltage inputs. Offered in both 1kHz input for high speed, no chatter input signals or 30/20 Hz inputs for relay and switch (high chatter) inputs.



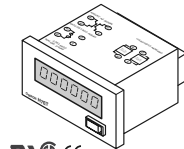
**Specifications:** • Input: AC/DC voltage - 24 - 240VAC/VDC or 6 - 240VDC at "High" (logic) level • DC Voltage - 4.5 - 30VDC at "High" (logic) level • No-Voltage - Maximum short-circuit impedance: 10kΩ maximum • Reset Time: 20ms reset signal • Instruction Sheet Included • Number of digits: 8 • Display: LCD Digital, 0.2 in. high. Replaceable battery.

Type of Input	Counting Speed	Term. Type	Reset Type	Digi-Key Part No.	Price Each			Omron Part No.
					1	25	50	
No-Voltage	30/1kHz	Screw	Electrical	Z861-ND	43.57	40.35	37.66	H7EC-B
DC Voltage	30/1kHz	Screw	Electrical	Z865-ND	53.51	49.55	46.25	H7EC-NV-B
AC/DC Voltage	20Hz	Screw	Electrical	Z867-ND	43.57	40.35	37.66	H7EC-FBV
DC Voltage Input	30/1kHz	Screw	External/Manual	Z1144-ND*	53.51	49.55	46.25	H7EC-NV-BH
Optional WW Terminal Set (2 Terminal/Pkg.)				Z2428-ND	1.85	1.72	1.60	Y92S-37-ND

\*Backlight 24VDC

## Time Totalizer

Omron's self-powered time totalizer displays cumulative time by counting the output signals received from a sensor. When the proper input has been applied, the timing circuit is enabled allowing the timer to start, disabling the inputs will stop the timing sequence. Key protect switch to prevent front resetting. Replaceable battery.



**Specifications:** • Supply Voltage: Not required (powered by built-in battery) • Input: AC/DC voltage - 24 - 240VAC, or 6 - 240VDC at "High" (logic) level; DC voltage - 4.5 - 30VDC at "High" (logic) level No-voltage - Maximum short-circuit impedance: 10kΩ maximum Short-circuit residual voltage: 0.5V maximum. • Reset Time: 20ms reset signal • Terminal: Screw type • Instruction sheet included

Type of Input	Time Range	Features	Digi-Key Part No.	Price Each			Omron Part No.
				1	25	50	
No-Voltage	0 - 999999.9h	w/o Backlight	Z870-ND	53.51	49.55	46.25	H7ET-B
DC Voltage only	0 - 999999.9h	w/o Backlight	Z872-ND	55.81	51.68	48.23	H7ET-BV
No-Voltage	0 - 999h59m59s	w/o Backlight	Z873-ND	53.51	49.55	46.25	H7ET-N1-B
AC/DC Voltage	0 - 999h59m59s	w/o Backlight	Z874-ND	65.75	60.88	56.82	H7ET-FBV1
AC/DC Voltage	0 - 999999.9h	w/o Backlight	Z875-ND	65.75	60.88	56.82	H7ET-FBV
DC Voltage Input	0 - 999h59m59s	w/o Backlight	Z1149-ND	55.81	51.68	48.23	H7ET-NV1-B
DC Voltage Input	0 - 999h59m59s	with Backlight	Z1150-ND	55.81	51.68	48.23	H7ET-NV1-BH
DC Voltage Input	0 - 9999999.9h	with Backlight	Z2744-ND	55.81	51.68	48.23	H7ET-NV-BH

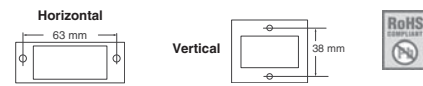
## Tachometer Counters

Omron's self powered tachometers offer a large display (8.6mm) with various input types available. Selectable multiplier/divider network allows either RPM or RPS measurement. Comes with waterproofing gasket and panel mounting bracket. Screw terminal connections. 4 digits. Maximum counting speed 1kHz.



24 VDC Backlight	Type of Input	Digi-Key Part No.	Price Each			Omron Part No.
			1	25	50	
—	No-Voltage	Z1145-ND	57.34	53.09	49.55	H7ER-N-B
—	DC Voltage	Z1146-ND	57.34	53.09	49.55	H7ER-NV-B
Yes	DC Voltage	Z1147-ND	60.02	55.58	51.87	H7ER-NV-BH
—	DC Voltage	Z2743-ND	60.02	55.58	51.87	H7ER-NV1-BH
—	DC Voltage	Z2742-ND	57.34	53.09	49.55	H7ER-NV1-B

## Counter Accessories



Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Horizontal Panel Mounting Adapter for H7 Series	Z998-ND	2.94	2.73		Y92F-75
Vertical Panel Mounting Adapter for H7 Series	Z999-ND	2.94	2.73		Y92F-76

Free shipping on orders over £50! All prices are in British pound sterling and include duties.

uk.digikey.com — FREEPHONE: 0-800-587-0991 • 0-800-904-7786 — FREEFAX: 0-800-587-0992 • 0-800-904-7783

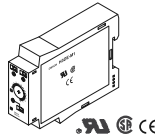
(UK091) 2299



## Relay Timers DIN Rail

### Features:

- Slim design for track mounting
- Wide AC/DC power supply range (24 to 230VAC/DC)
- Eight operating modes (H3DE-M) and four operating modes (H3DE-S) to cover a wide range of applications
- Finger protection terminal block
- Operating Mode: A: ON-delay (Signal or Power); B: Flicker OFF start (Signal or Power); B2: Flicker ON start (Signal or Power); C: Signal ON/OFF-delay; D: Signal OFF-delay; E: Interval (Signal or Power); G: Signal ON/OFF-delay; J: One-shot (Single or Power)

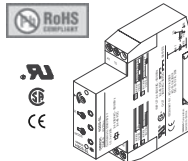


Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
DIN Mount Timer – 8 Mode SPDT	Z1138-ND	38.22	35.40	33.04	H3DE-M1 AC/DC 24-230
DIN Mount Timer – 8 Mode DPDT	Z1139-ND	45.87	42.48	39.64	H3DE-M2 AC/DC 24-230
DIN Mount Timer – 4 Mode SPDT	Z1140-ND	29.05	26.90	25.11	H3DE-S1 AC/DC 24-230
DIN Mount Timer – 4 Mode DPDT	Z1141-ND	38.22	35.40	33.04	H3DE-S2 AC/DC 24-230

## Digital Multi-Function Timer

### Features:

- Wide AC/DC power supply range (24 – 230VAC/24 – 48VDC) minimizes inventory
- Smart Dial/Selector-Locking Mechanism prevents the dials and selectors on the timer's front panel from being operated without authorization
- Eight operating modes (H3DS-M) and four operating modes (H3DS-S) to cover a wide range of applications
- Offers wide time setting range of 0.10 second to 120 hours

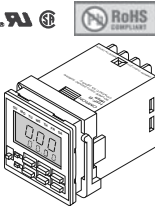


Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
DIN Mount Timer – On-Delay Only, No Enable Input, SPDT	Z2392-ND	27.49	25.45	23.76	H3DS-AL AC24-230/DC24-48
DIN Mount Timer – 4 Mode, No Enable Input, SPDT	Z2395-ND	29.05	26.90	25.11	H3DS-SL AC24-230/DC24-48
DIN Mount Timer – 8 Mode, with Voltage Input, SPDT	Z2393-ND	36.17	33.49	31.26	H3DS-ML AC24-230/DC24-48
DIN Mount Twin Timer – Indep. "On-Off" Settings, SPDT	Z2394-ND	45.87	42.48	39.64	H3DS-FL AC24-230/DC24-48

## Digital Daily Timer

- Precise control of both regular and special ON/OFF times
- Can be set for timed or pulsed operation, and for multiple-day operation

- Operation: 1. Daily operation (Multiple-day operation possible)
- Pulse-output operation (pulse width can be set in units of 1 second from 1 – 59 seconds and in units of 1 minute from 1 – 60 minutes)
- Partial operation on specified day
- Forced ON/OFF operation
- Repeat accuracy: ±0.01%
- Memory protection: 5 years minimum
- Life expectancy: 50,000 operations minimum (15A, 250VAC, resistive load)
- Operating Temperature: -10°C – 55°C



Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Digital Daily Timer, Panel Mount	Z1142-ND	132.78	122.94		H5F-B
Digital Daily Timer, Track Mount	Z2440-ND	130.89	121.20		H5F-KB

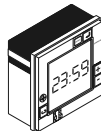
## Programmable Weekly Timer

### Features:

- Large LCD display with 7 day x 24 hour programming
- Perfect for controlling On-Off cycles for lighting, industrial and security
- Two independent 15A control circuits and 16 step front program options allows fast and easy program changes
- Wire connections are made by screw terminals from either the front or the back

### Specifications:

- Timer may be wall mounted, recessed into panel or din rail mounted
- All mounting hardware and instructions are included
- Optional protective hard plastic cover prevents accidental resetting and protects from dirt and water



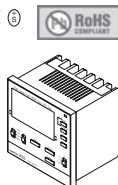
Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Programmable Timer 100 – 240VAC w/Manual Override	Z1000-ND	159.01	147.24		H5L-A
Clear Protective Cover (Hard Plastic) for H5L-A	Z1001-ND	9.17	8.21		00-907062-002

◆ RoHS Compliant

## Programmable Weekly Timer

- AM/PM display
- Field-adjustable ON/OFF, cycle, and pulse output
- A different program possible each day
- Wide supply voltage range
- Independent Day Keys provide easier operation
- Temporary holiday setting function makes it easy to turn OFF output for holidays and non-operating days
- Settings can be made even with the Time Switch turned off
- Test mode enables easy program checking

- Supply Voltage: AC 100 – 240V
- Long-term Error: ±15 seconds per month
- Maximum Load: 15A, 250VAC resistive load
- Connections: Terminal screws
- Minimum Load: 100mA, 5VDC
- Operating Temperature: -10°C – 55°C
- 50,000 operations minimum, 15A, 250VAC, resistive load

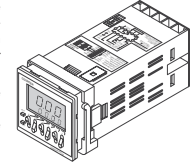


Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Weekly Timer, Track/Chassis Mount Type, 120VAC	Z2503-ND	154.79	143.33		H5S-WFB2
Weekly Timer, Flush Panel Mount Type, 120VAC	Z2504-ND	163.60	151.48		H5S-WB2

## Preset Counters



Omron's multifunction counters feature large reverse-lit LCD which can be programmed to change from green to red (or red to green), providing long-range status information. H7CX counters allow users to choose between batch counter, dual counter, single or dual stage preset counter, tachometer or totalizer operation.



- Highly visible display with backlight negative transmissive LCD
- NEMA4/IP66 compliance
- 1-2 Stage Counter
- Case Color: Black
- Reset Indicator: Orange
- Key Protection Indicator: Orange
- 12VDC External Power Supply
- Output Type: Contact
- Supply Voltage: 100 – 240VAC

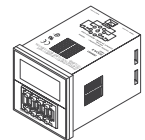
Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
4 Digit Counter, Relay Out, Screw Term., 12 – 24VAC	Z2739-ND	118.50	109.72		H7CX-A4D DC12-24
6 Digit Counter, Relay Out, 11 Octal, 100 – 240VAC	Z1662-ND	145.25	134.50		H7CX-A11-AC100-240
6 Digit Counter, Relay Out, 11 Octal, 12 – 24VAC	Z2738-ND	145.25	134.50		H7CX-A11D1 DC12-24/AC24
6 Digit Counter, Relay Out, Screw Term., 12 – 24VAC	Z2365-ND	118.50	109.72		H7CX-ND DC12-24
6 Digit Counter, Relay Out, Screw Term., 100 – 240VAC	Z1661-ND	137.61	127.42		H7CX-A-AC100-240
4 Digit Counter, Relay Out, Screw Term., 100 – 240VAC	Z2375-ND	137.61	127.42		H7CX-A114 AC100-240
4 Digit Counter, Relay Out, Screw Term., 100 – 240VAC	Z2376-ND	137.61	127.42		H7CX-A4-AC100-240
6 Digit Counter, Relay Out, Screw Term., 100 – 240VAC	Z2374-ND	137.61	127.42		H7CX-AS-AC100-240
6 Digit Counter, Relay Out, Screw Terminal, 12 – 24VAC, 2 Stage Type	Z2741-ND	168.19	155.73		H7CX-AW01 DC12-24/AC24
6 Digit Counter, Relay Out, Screw Terminal, 100 – 240VAC, 2 Stage Type	Z2740-ND	168.19	155.73		H7CX-AW AC100-240

## Preset Digital Counters



### Features:

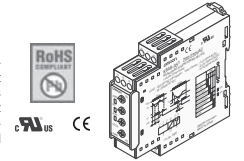
- Easy-to-read 8mm high LED display
- Uses Omron thumbwheel switching for easy, error-free presets



Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
4 Digit, Up Counter, 5kHz, Input, 100 – 240VAC	Z2736-ND	187.30	173.43		H7CN-XHN AC100-240
4 Digit, Up Counter, 30Hz, Input, 100 – 240VAC	Z2737-ND	187.30	173.43		H7CN-XLN AC100-240
4 Digit, Reversible Counter, 30Hz, Input, 100 – 240VAC	Z2735-ND	187.30	173.43		H7CN-BLN AC100-240

## Monitoring Control Relays

Omron's K8 series of Monitoring Relays are designed for industrial measurements, controls and fault detection. The K8AB-AS are single phase, current monitoring relays to monitor both under-current or over current conditions. The K8AB-PH is a 3 Phase, phase-loss monitoring relay for preventing incorrect motor rotation and incorrect wiring. The K8AB-TH are temperature monitoring relays for detecting upper and lower temperature limits. Selectable for J, K, T, E and Platinum Sensor Inputs.

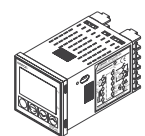


Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Current Monitor, Over-Under, 2 – 500mA	Z2803-ND	84.09	77.87	72.68	K8AB-AS1-100-115VAC
Current Monitor, Over-Under, 2 – 500mA	Z2804-ND	77.98	72.21	67.39	K8AB-AS1-200-230VAC
Current Monitor, 0.1 – 8A, Over-Under	Z2805-ND	103.21	95.56	89.19	K8AB-AS2-100-115VAC
Single Phase Monitor, 3PH, 200 – 500VAC	Z2806-ND	31.34	29.03	27.09	K8AB-PH1
3 Phase Monitor, 3PH, 380 – 480VAC	Z2807-ND	70.33	65.13	60.79	K8A-BPW2
Temp. Monitor, 0 – 399°C/F, 100 – 240VAC	Z2808-ND	72.63	67.25	62.77	K8AB-TH11S-AC100-240
Temp. Monitor, 0 – 399°C/F, 24V	Z2809-ND	72.63	67.25	62.77	K8AB-TH11S-ACDC24
Temp. Monitor, 0 – 1700°C, 100 – 240VAC	Z2810-ND	72.63	67.25	62.77	K8AB-TH12S-AC100-240
Temp. Monitor, 0 – 1700°C, 24V	Z2811-ND	72.63	67.25	62.77	K8AB-TH12S-ACDC24

## Digital Temperature Controllers



- Voltage outputs (used to drive SSRs) for both heating and cooling control
- Can be used for alarms to provide three alarm outputs
- Easy setting with 11-segment displays
- Connect to either a thermocouple or platinum resistance thermometer with the protection indicator informs operator when protection is enabled
- Manual output provided

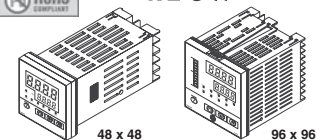


Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Relay Output, 2 Alarms	Z2409-ND	135.31	125.29	116.94	ESCN-R2MT-500 AC100-240
Voltage Output, 2 Alarms	Z2410-ND	135.31	125.29	116.94	ESCN-Q2MT-500 AC100-240

## Digital Temperature Controllers



- Advanced digital process with fuzzy logic
- Field configurable outputs and options
- 100 ms sampling (for analog input)
- Advanced PID, or fuzzy self-tuning
- Water-resistant, NEMA 4X, IP66
- Remote set-point with optional event input board
- Set-point ramp
- Heat only or heat/cool control



Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Standard Model, 96x96mm	Z2412-ND	361.60	334.82	312.50	E5AK-AA2-500
Position-Proportional Model, 96x96mm	Z2413-ND	406.31	376.21	351.13	E5AK-PRR2-500
Standard Model, 48x48mm	Z2414-ND	209.45	193.94	181.01	E5CK-AA1-500
Optional Current Transformer for 0-50A Heater Burnout	Z2416-ND	19.65	18.20	16.99	E54-CT1

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Free shipping on orders over £50! All prices are in British pound sterling and include duties.

2300 (UK091)

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