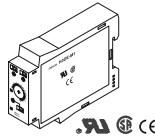




Relay Timers DIN Rail

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)

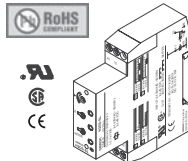


Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
DIN Mount Timer – 8 Mode SPDT	Z1138-ND	38.22	35.40	33.04	H3DE-M1 AC/DC 24-230
DIN Mount Timer – 8 Mode DPDT	Z1139-ND	45.87	42.48	39.64	H3DE-M2 AC/DC 24-230
DIN Mount Timer – 4 Mode SPDT	Z1140-ND	29.05	26.90	25.11	H3DE-S1 AC/DC 24-230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

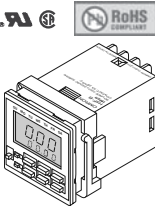


Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
DIN Mount Timer – On-Delay Only, No Enable Input, SPDT	Z2392-ND	27.49	25.45	23.76	H3DS-AL AC24-230/DC24-48
DIN Mount Timer – 4 Mode, No Enable Input, SPDT	Z2395-ND	29.05	26.90	25.11	H3DS-SL AC24-230/DC24-48
DIN Mount Timer – 8 Mode, 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

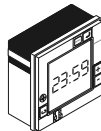
Programmable Weekly Timer

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



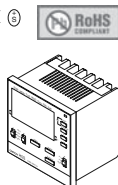
Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Programmable Timer 100 – 240VAC w/Manual Override	Z1000-ND	159.01	147.24		H5L-A
Clear Protective Cover (Hard Plastic) for H5L-A	Z1001-ND	9.17	8.21		00-907062-002

◆ 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

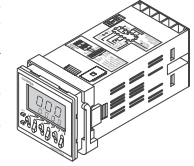


Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Weekly Timer, Track/Chassis Mount Type, 120VAC	Z2503-ND	154.79	143.33		H5S-WFB2
Weekly Timer, Flush Panel Mount Type, 120VAC	Z2504-ND	163.60	151.48		H5S-WB2

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

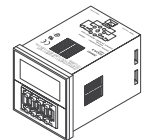
Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
4 Digit Counter, Relay Out, Screw Term., 12 – 24VAC	Z2739-ND	118.50	109.72		H7CX-A4D DC12-24
6 Digit Counter, Relay Out, 11 Octal, 100 – 240VAC	Z1662-ND	145.25	134.50		H7CX-A11-AC100-240
6 Digit Counter, Relay Out, 11 Octal, 12 – 24VAC	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:

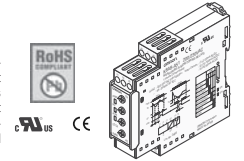
- Easy-to-read 8mm high LED display
- Uses Omron thumbwheel switching for easy, error-free presets



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.

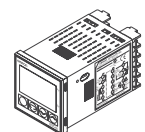


Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Current Monitor, Over-Under, 2 – 500mA	Z2803-ND	84.09	77.87	72.68	K8AB-AS1-100-115VAC
Current Monitor, Over-Under, 2 – 500mA	Z2804-ND	77.98	72.21	67.39	K8AB-AS1-200-230VAC
Current Monitor, 0.1 – 8A, Over-Under	Z2805-ND	103.21	95.56	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

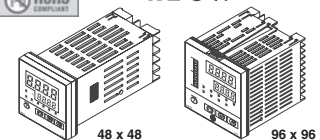


Description	Digi-Key Part No.	Price Each			Omron Part No.
		1	25	50	
Relay Output, 2 Alarms	Z2409-ND	135.31	125.29	116.94	ESCN-R2MT-500 AC100-240
Voltage Output, 2 Alarms	Z2410-ND	135.31	125.29	116.94	ESCN-Q2MT-500 AC100-240

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

0

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

2300 (UK091)

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