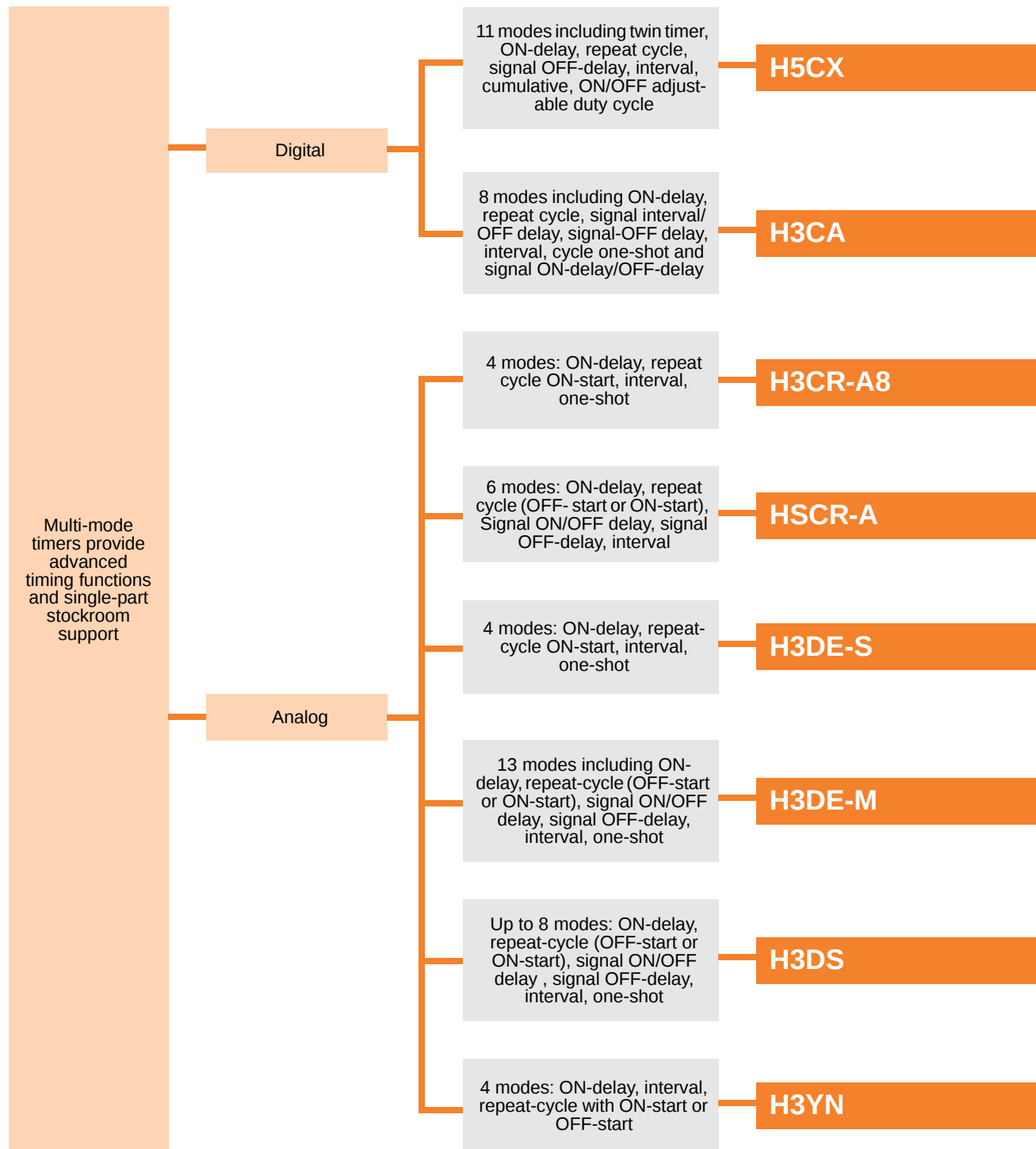


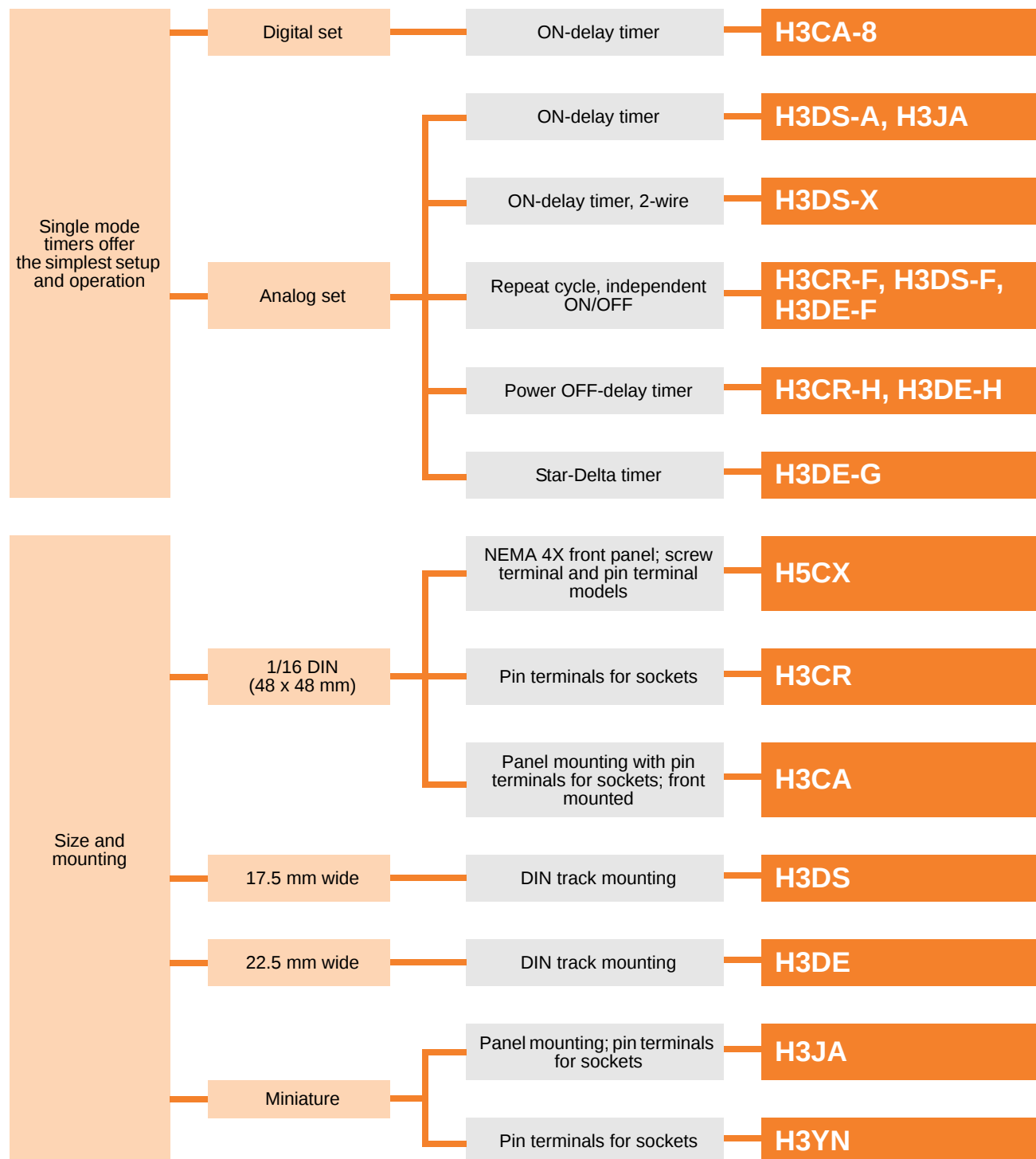
Contents

Selection Guide	S-ii
Digital Timers	
H5CX Digital multi-function timers, 1/16 DIN	S-1
H3CA Digital-set timer with LCD bar graph display, 1/16 DIN	S-4
Analog Timers	
H3CR Analog-set multi-function timers, 1/16 DIN	S-5
H3YN Compact, socket mount, analog-set relay timers with multiple operating modes	S-8
H3DE Slim 22.5 mm track-mount analog-set timers	S-8
H3DS Slim 17.5 mm track-mount analog-set timers	S-9
H3JA Economical, compact, plug-in timer, 36 x 36 mm	S-9
Time Switches	
H5S Digital weekly and yearly timers, 72 x 72 mm, up to 4 circuits	S-10
H5L Digital weekly time switch with large display	S-13
H5F Digital daily time control with simple operations	S-13

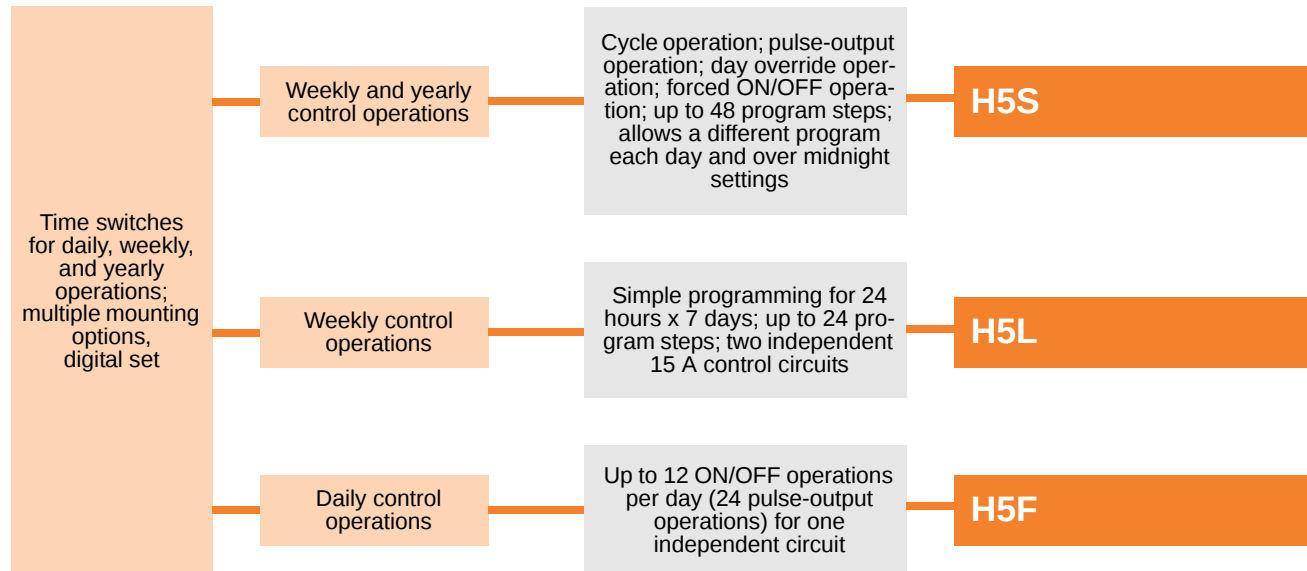
Selection Guide



Selection Guide



Selection Guide



Multi-Mode Digital Timers

H5CX

Quick Link
T322

1/16 DIN with Advanced Functionality and Twin Timer

- 11 modes including ON-delay, Repeat cycle, Signal OFF-delay, Interval, Cumulative, ON/OFF adjustable duty cycle
- Twin Timer mode satisfies a wide range of cyclic control applications
- Display elapsed time or remaining time
- Settable display color alerts operator of output status changes by changing from green to red
- Set parameters via front panel keys or DIP switches
- PNP/NPN selectable input
- Protect settings with 5 levels of key access
- NEMA 4/IP66 front panel
- Short mounting depth models save panel space



Specifications

- Supply voltage: 100 to 240 VAC, 50/60 Hz, or AC/DC24
- Timing functions: Signal ON delay, Power ON delay, Repeat cycle (OFF or ON start, sustained or one-shot output), Signal OFF delay, Interval, Cumulative, ON/OFF duty cycle, Twin timer (ON or OFF start)
- Timing ranges: 9 time ranges, from 0.001 s to 9999 h
- Repeat accuracy: $\pm 0.01\%$ ± 50 ms max.
- Control output: SPDT relay, 5 A at 250 VAC
 - NEMA B300 Pilot Duty
 - 1/4 HP 5 A resistive load at 120 VAC
 - 1/3 HP 5 A resistive load at 240 VAC

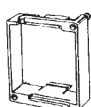
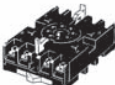
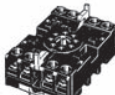
1/16 DIN Multi-Mode Digital Timers

Appearance/ Dimensions H x W x D mm	Supply voltage	Output type	Output rating	Inputs	Input rating	Connection type	Model
 48 x 48 x 98.7 with P3GA-11 socket	100 to 240 VAC, 50/60 Hz	Relay	SPDT, 5 A at 250 VAC	Start, Reset, Gate	No-voltage/ voltage, selectable	11-pin socket	H5CX-A11 AC100/240
 48 x 48 x 100						Screw terminals	H5CX-A AC100/240
 48 x 48 x 64	24 VAC/ 12 to 24 VDC						H5CX-AD AC24/DC12-24

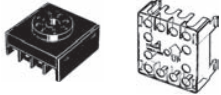
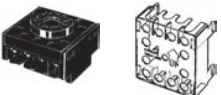
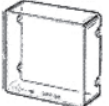
1/16 DIN Multi-Mode Digital Timers (Continued)

Appearance/ Dimensions H x W x D mm	Supply voltage	Output type	Output rating	Inputs	Input rating	Connection type	Model
 48 x 48 x 64	24 VAC/ 12 to 24 VDC	Transistor	NPN open collector, 100 mA at 30 VDC	Start, Reset, Gate	No-voltage/ voltage, selectable	Screw terminals	H5CX-ASD AC24/DC12-24
 48 x 48 x 84.8	100 to 240 VAC, 50/60 Hz	Relay	SPDT, 5 A at 250 VAC	Start, Reset	No voltage	8-pin socket	H5CX-L8 AC100/240
 48 x 48 x 84.8	24 VAC/ 12 to 24 VDC	Relay	SPDT, 5 A at 250 VAC	Start, Reset	No voltage	8-pin socket	H5CX-L8D AC24/DC12-24

Accessories

Description	Appearance	Dimensions H x W x D mm	Specification	Model
Panel mounting adapter		58 x 48	Fits behind panel, ideal for side-by-side installation. Use P3G□-□ sockets. Order separately for H5CX-A11 and H5CX-L8 models.	Y92F-30
Waterproof packing		—	Order separately for H5CX-A11 and H5CX-L8 models.	Y92S-29
Track mounting/front connecting socket		74 x 50 x 20.3	8-pin socket	P2CF-08
		74 x 50 x 21.5	8 pin, finger-safe socket	P2CF-08-E
		74 x 50 x 31.2	11-pin socket	P2CF-11
			11-pin, finger-safe socket	P2CF-11-E

Accessories (Continued)

Description	Appearance	Dimensions H x W x D mm	Specification	Model
Back-connecting socket for panel mounting		45 x 45 x 21.9	8-pin socket	P3G-08
		48 x 48 x 32.4 installed	8-pin socket with finger-safe terminal cover	P3G-08 with Y92A-48G
		45 x 45 x 27	11-pin socket	P3GA-11
		48 x 48 x 37.5 installed	11-pin socket with finger-safe terminal cover	P3GA-11 with Y92A-48G
Hard cover		50.5 x 50.5 x 16	Protects front panel from dirt and water	Y92A-48
Soft cover		50.5 x 50.5	Protects front panel against oil penetration from operators' hands, to IP54P	Y92A-48F1
Mounting track		500 L x 35 H x 7.3 D	0.5 m length	PFP-50N
		1000 L x 35 H x 7.3 D	1 m length	PFP-100N
		1000 L x 35 H x 16.0 D	1 m length	PFP-100N2
End plate		50 x 10 x 10	Holds track-mounted devices in place	PFP-M

Solid-State Digital Timer

H3CA

Quick Link
T325

1/16 DIN, Digital-Set Timer with LCD Bar Graph Display

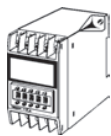
- 8 field selectable operation modes or ON-delay only model
- Time remaining LCD bar graph and LCD output indicator
- Easy to install, fits 8- or 11-pin sockets
- Universal AC/DC supply voltage timer available
- Selectable no-voltage start, reset, gate and check inputs expand capabilities
- Time limit or Instantaneous output, select SPDT or DPDT models (3 A @ 250 VAC)
- Panel mounting adapters, sockets and accessories available
- UL, CSA, SEV approved



Specifications

- Supply voltage: 100/110/120 VAC, 50/60 Hz, 200/220/240 VAC, AC24V, DC110V, DC12V or DC24V, Universal voltage model: 24 to 240 VAC, 50/60 Hz; 12 to 240 VDC
- Timing functions: Multi-mode: ON-delay, Repeat cycle, Signal Interval/OFF-delay, Signal-OFF delay (I & II), Interval, Cycle and Signal ON-delay/OFF-delay, ON-delay only
- Timing ranges: 7 ranges: 0.1 seconds to 9990 hours
- Repeat accuracy: $\pm 0.3\%$ of range, ± 0.05 second
- Control output: 10 mA to 3 A at 250 VAC

Solid-State Timers with 8 Selectable Functions

Dimensions H x W x D mm	Supply voltage	Output type	Output rating	Inputs	Input rating	Connection type	Model
 48 x 48 x 89	24 to 240 VAC, 50/60 Hz; 12 to 240 VDC	Relay	SPDT, 3 A at 250 VAC	Start, Reset, Gate	No-voltage	11-pin socket	H3CA-A
 75 x 45 x 101						Front mounted screw terminals	H3CA-FA

Solid-State Timers - ON-Delay Only

Add the supply voltage to the part number when ordering ON-delay only timers. For example, H3CA-8H-AC/100/110/120.

Dimensions H x W x D mm	Supply voltage	Output type	Output rating	Inputs	Input rating	Connection type	Model
 48 x 48 x 89	Specify 24 VAC, 100/110/120 VAC, or 200/220/240 VAC; 50/60 Hz	Relay (time limit or instantaneous)	SPDT, 3 A at 250 VAC	Start, Reset, Gate	No-voltage	8-pin socket	H3CA-8H
	Specify 12, 24, 48 or 110 VDC	Relay					H3CA-8

Note: Refer to datasheet for available sockets and accessories.

Multi-Mode Timers

H3CR

Quick Link
T323

1/16 DIN Analog-Set Timer

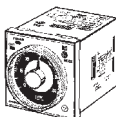
- Use for delay timing, repeatable cycles or duration (interval) timing
- Select 4- or 6-function models to handle most applications
- Repeat cycle models with independent ON and OFF periods available
- Power-OFF delay models available
- 5-amp DPDT relay switches when timing cycle completes
- Short, 80 mm (3.15 inch) panel mounting depth with socket allows space-efficient control panel design
- Field-selectable time ranges from front panel
- Wide range AC/DC supply voltage models
- No-voltage/NPN voltage input models stocked; PNP input models available
- Match panel aesthetics with light gray, medium gray or black optional panel covers
- UL, CSA, CE approved



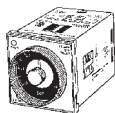
Specifications

- Supply voltage: Multi-function: AC100-240/DC100-125 or AC 24-48/DC 12-24
 - Power-OFF delay: AC 100-120, AC 200-240 or AC/DC 24
 - Repeat cycle: AC 100-240, DC 48-125, DC 12, or AC/DC 24
- Timing functions:
 - 4-function: ON-delay, Repeat cycle ON-start, Interval, One-shot
 - 6-function: ON-delay, Repeat cycle (OFF-start or ON-start), Signal ON/OFF delay, Signal OFF-delay, Interval
 - Power-OFF delay: Instantaneous and time-limit operation
 - Repeat cycle: Independent ON and OFF periods
- Timing ranges:
 - 0.05 second to 300 hours; 0.1 second to 600 hours
 - Power-OFF delay: 0.05 to 12 seconds or minutes
 - Repeat cycle: 0.05 seconds to 30 hours; 1.2 seconds to 300 hours
- Repeat accuracy: Multi-function: $\pm 0.2\%$ full scale max.
 - Power-OFF delay: $\pm 0.3\%$ full scale max.
 - Repeat cycle: $\pm 0.3\%$ full scale max.
- Control output: DPDT relay, 10 mA to 5 A at 240 VAC/30VDC

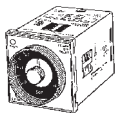
Multi-Function Timers

Appearance/ Dimensions H x W x D mm	Supply voltage	Output type	Output rating	Inputs	Input rating	Connection type	Model
 48 x 48 x 66.6	100 to 240 VAC, 50/60 Hz/ 100-125 VDC	DPDT Relay	5 A at 240 VAC/30 VDC	Start, Reset, Gate	No-voltage, NPN type	11-pin socket	H3CR-A AC100-240/DC100-125
	24-48 VAC, 50/60 Hz/ 12-48 VDC						H3CR-A AC24-48/DC12-48
	100 to 240 VAC, 50/60 Hz/ 100-125 VDC					8-pin socket	H3CR-A8 AC100-240/DC100-125
	24-48VAC, 50/60Hz/ 12-48 VDC						H3CR-A8 AC24-48/DC12-48
	100 to 240 VAC, 50/60 Hz/ 100-125 VDC	SPDT Relay	5 A at 250 VAC		—		H3CR-A8E AC100-240/DC12-48

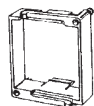
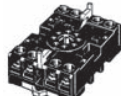
Repeat Cycle Timers with Independent Settings

Appearance/ Dimensions H x W x D mm	Supply voltage	Output type	Output rating	Operation	Timing range	Connection type	Model	
 48 x 48 x 66.6	100 to 240 VAC, 50/60	DPDT Relay	5 A at 250 VAC	OFF-start	1.2 seconds to 300 hours	8-pin round socket	H3CR-F8-300 AC100240	
	0.05 seconds to 30 hours				H3CR-F8 AC100240			
	24 VAC/VDC			100 to 240 VAC, 50/60	ON-start		1.2 seconds to 300 hours	H3CR-F8 ACDC24
	0.05 seconds to 30 hours						H3CR-F8N-300 AC100240	
	OFF-start				11-pin round socket	H3CR-F8N AC100240		
				H3CR-F AC100240				

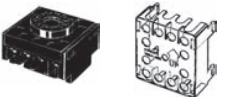
Power-OFF Delay Timers

Appearance/ Dimensions H x W x D mm	Supply voltage	Output type	Output rating	Inputs	Timing range	Connection type	Model
 48 x 48 x 78	100-120 VAC, 50/60 Hz	DPDT Relay	5 A at 250 VAC	—	0.05 to 12 minutes	8-pin round socket	H3CR-H8L AC100120 M
							H3CR-H8L AC100120 S

Accessories

Description	Appearance	Dimensions H x W x D mm	Specification	Model
Panel mounting adapter		58 L x 48 H x 15.5 D	Fits behind panel, ideal for side-by-side installation. Use P3G□-□ sockets.	Y92F-30
Track mounting/front connecting socket		70 L x 50 H x 20.3 D	8-pin socket	P2CF-08
		70 L x 50 H x 21.5 D	8 pin, finger-safe socket	P2CF-08-E
		70 L x 50 H x 31.2 D	11-pin socket	P2CF-11
			11-pin, finger-safe socket	P2CF-11-E

Accessories (Continued)

Description	Appearance	Dimensions H x W x D mm	Specification	Model
Back connecting socket for panel mounting		45 L x 45 H x 17 D	8-pin socket	P3G-08
		47.7 L x 47.7 H x 27.6 D	8-pin socket with finger-safe terminal cover	P3G-08 with Y92A-48G
		45 L x 45 H x 27 D	11-pin socket	P3GA-11
		47.7 L x 47.7 H x 27.6 D	11-pin socket with finger-safe terminal cover	P3GA-11 with Y92A-48G
Hard cover		50.5 L x 50.5 H x 16 D	Protects front panel from dirt and water	Y92A-48
Mounting track		500 L x 35 H x 7.3 D	0.5 m length	PFP-50N
		1000 L x 35 H x 7.3 D	1 m length	PFP-100N
		1000 L x 35 H x 16.0 D	1 m length	PFP-100N2
End plate		50 L x 11.5 H x 10 D	Holds track-mounted devices in place	PFP-M

Solid-State Timer H3YN

Quick Link
T324

Analog-Set Relay Timers with Multiple Operating Modes

- Space-saving and easy to operate
- Miniature timer offers 4 selectable timing modes
- Seconds/minutes timing range models in stock; minutes/hours models available
- Monitor relay status using independent Power-ON and Time-Up indicators
- Socket-mount timers simplify installation and maintenance
- Sockets, hold-down clips and mounting accessories available separately
- UL, CSA, CE approved



Specifications

- Supply voltage: 100-120 VAC, 200-230 VAC, or 24 VAC, 50/60 Hz; 24 VDC
- Timing functions: ON-delay, Interval and Repeat cycle with OFF-start or ON-start (DIP switch selectable)
- Timing ranges: 4 ranges: 0.1 second to 10 minutes; 0.1 minute to 10 hours
- Repeat accuracy: $\pm 1\%$ FS max.
- Control output: DPDT, 5 A at 250 VAC (H3YN-2), 4PDT, 5 A at 250 VAC (H3YN-4)

Multi-Function Timers H3DE

Quick Link
T326

Slim 22.5 mm Track-Mount Analog Set

- Narrow width saves space in control panels
- Meets UL508 and European standards EN61812-1, IEC60664-1
- Wide AC/DC power supply range (24 to 230 VAC/DC) minimizes inventory
- H3DE-M model available with 12 VDC supply voltage
- Wide choice of operating modes: 8 -H3DE-M models/4-H3DE-S models
- Selectable time ranges from 0.1 second to 120 hours
- Control output: DPDT (time-limit or instantaneous/switchable) or SPDT time-limit
- Additional single function models available - Repeat cycle independent ON/OFF, Star-Delta, power OFF delay
- Finger protection terminal block
- UL, CSA, CE approved



Specifications

- Supply voltage: 24 to 230 VAC, 50/60 Hz/24 to 230 VDC
- Timing functions: ON-delay (signal or power); Repeat-cycle OFF start or ON start (signal or power); Signal ON-/OFF-delay; Signal OFF-delay; Interval; Signal ON-/OFF-delay; One-shot (signal or power)
- Timing ranges: 0.1 to 1.2 s, 1 to 12 s, 0.1 to 1.2 min, 1 to 12 min, 0.1 to 1.2 h, 1 to 12 h, 10 to 120 h
- Repeat accuracy: $\pm 1\%$ max. of full scale
- Control output: 5 A at 250 VAC/30 VDC (resistive load)

Multi-Mode Analog Timers

H3DS

Quick Link
T328

Ultra-slim 17.5 mm Timers, Track-Mount Analog Set

- 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 s to 120 h
- Smart Dial/Selector-Locking Mechanism prevents the dials and selectors on the timer's front panel from being operated without authorization (can only be unlocked and locked with an optional pen-type Lock Key)
- Additional single function models available - Repeat cycle independent ON/OFF, ON-delay, ON-delay timer 2 wire, Star-Delta, power OFF delay
- Finger protection terminal block prevents shock, meets VDE0106/P100
- High immunity to inverter noise



Specifications

- Supply voltage: 24 to 230 VAC/24 to 48 VDC • Timing functions: ON-delay (Signal or Power); Repeat-cycle OFF-start (Signal or Power); Repeat-cycle ON-start (Signal or Power); Signal ON/OFF-delay; Signal OFF-delay; Interval (Signal or Power); Signal ON/OFF-delay; One-shot (Signal or Power) • Timing ranges: 0.1 to 1.2 s, 1 to 12 s, 0.1 to 1.2 min., 1 to 12 min., 0.1 to 1.2 h, 1 to 12 h, 10 to 120 h • Repeat accuracy: $\pm 1\%$ max. of full scale • Control output: 5 A at 250 VAC/30 VDC (resistive load)

Solid-State Timer

H3JA

Quick Link
T327

Economical, Compact, Plug-in Timer

- ON-delay time limit operation with automatic resetting
- DIN size (36 x 36 mm), fits standard 8-pin socket
- Wide choice of supply voltages: 100 to 120 VAC stocked; 24, 200 to 240 VAC, 12 and 24 VDC models available
- Wide choice of time ranges: 1, 3, 5, 10, 30, 60 seconds/3, 5, 10, 30, 60 minutes/3 hours
- Time-limit 5-amp DPDT contact models stocked; 7-amp SPDT models available
- Dual LED indication for power and output status
- Large transparent setting knob
- Surface, flush and DIN track mountable
- UL, CSA, CE approved



Specifications

- Supply voltage: 100-120 VAC, 50/60 Hz • Timing functions: ON-delay, time limit; automatic resetting • Timing ranges: 0.1 to 1 second, 0.3 to 3 seconds, 0.5 to 5 seconds, 1 to 10 seconds, 3 to 30 seconds, 6 to 60 seconds, 0.3 to 3 minutes, 0.5 to 5 minutes, 1 to 10 minutes, 3 to 30 minutes, 6 to 60 minutes, 0.3 to 3 hours • Repeat accuracy: $\pm 2\%$ max. • Control output: DPDT, 100 mA to 5 A at 125/250 VAC (resistive load)

Weekly and Yearly Time Switches

H5S

Quick Link
T332

Weekly and Yearly Timer with AM/PM Display

- Control lighting, HVAC systems and production equipment for energy saving operation
- Independent Day Keys provide easier operation
- Temporary holiday setting function makes it easy to turn OFF output for holidays and non-operating days
- Easy-to-use, prompted programming with test mode for easy program checking
- Automatic or manual operation following power failure
- Field-adjustable ON/OFF, cycle and pulse output
- Battery back-up for memory protection
- 2-circuit models include time counter and total counter functions with alarm indicator
- Compact DIN size 72 x 72 mm
- Protective cover and other accessories available separately
- UL, CSA, SEV approved



Yearly models offer:

- Automatic switching to summertime (Daylight Savings Time) adjustment
- Integrated temperature compensation circuit helps keep accurate time over a wide operating temperature range
- Automatic Program Switching by Seasons
- Yearly operation can be set to automatically change the weekly program depending on the season

Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Spring			Summer			Autumn			Winter		
Season (See note)	Spring		Summer		Autumn		Winter				
Program example	17:30 ON ▼ 21:00 OFF		19:00 ON ▼ 22:00 OFF		18:00 ON ▼ 21:00 OFF		17:00 ON ▼ 21:00 OFF				

Note: Up to four seasons can be set for 4-circuit models, and up to two seasons for 2-circuit models.

Ordering Information

List of Models

Control cycle	Number of outputs	Mounting method	Supply voltage	Models
Weekly	2 circuits	Flush mounting	100 to 240 VAC	H5S-WB2
			24 VDC	H5S-WB2D
		Surface mounting/ track mounting	100 to 240 VAC	H5S-WFB2
			24 VDC	H5S-WFB2D
Yearly	2 circuits	Flush mounting	100 to 240 VAC	H5S-YB2-X
			24 VDC	H5S-YB2D-X
		Surface mounting/ track mounting	100 to 240 VAC	H5S-YFB2-X
			24 VDC	H5S-YFB2D-X
	4 circuits	Flush mounting	100 to 240 VAC	H5S-YB4-X
			24 VDC	H5S-YB4D-X
		Surface mounting/ track mounting	100 to 240 VAC	H5S-YFB4-X
			24 VDC	H5S-YFB4D-X

Specifications

Ratings

Item		Weekly 2-circuit Models (H5S-W□2)	Yearly 2-circuit Models (H5S-Y□2)	Yearly 4-circuit Models (H5S-Y□4)
Rated supply voltage		100 to 240 VAC (50/60 Hz), 24 VDC (See note 1)		
Operating voltage range		AC: 85% to 110% rated supply voltage DC: 85% to 120% rated supply voltage		
Power consumption		Approx. 2.9 VA at 264 VAC 60 Hz Approx. 0.9 W at 28.8 VDC	Approx. 0.8 W at 28.8 VDC Approx. 3.5 VA at 264 VAC 60 Hz	Approx. 3.2 VA at 264 VAC 60 Hz Approx. 1.0 W at 28.8 VDC
Control outputs	Number of circuits	SPST-NO x 2 circuits		SPST-NO x 4 circuits
	Circuits	Power supply circuit and other (no-voltage) circuit		
	Capacity			
	Resistive load (cosφ = 1)	15 A at 250 VAC (See note 2)		3 A at 250 VAC
	Inductive load	10 A at 250 VAC (cosφ = 0.7)		2 A at 250 VAC (cosφ = 0.4)
Ambient operating temperature		-10 to 55° C (with no icing or condensation)		
Ambient operating humidity		25 to 85%		
Storage temperature		-25 to 65° C (with no icing or condensation)		
Case color		Light gray (Munsell 5Y7/1)		

Note: 1. Do not use inverter output as a power supply.

2. The capacity is 15 A per circuit, but derating of the total current for two circuits is required as shown below depending on the ambient temperature.

Operation

Item		Weekly 2-circuit Models (H5S-W□2)	Yearly 2-circuit Models (H5S-Y□2)	Yearly 4-circuit Models (H5S-Y□4)
Operation method		Digital quartz		
Operation period		1 week (7 days)	1 year (with integrated calendar to 2099)	
Display		• Day, hrs (switchable between 24-hr indication and a.m./p.m. 12-hr indication), minutes, seconds (0.00 to 23:59, 0.00 to 11:59 a.m., 0.00 to 11:59 p.m.) • Digital indication by LCD (character height: 10 mm) • Digital display of operation schedule during operation • Timing chart display of operation schedule during operation		
Min. setting unit		1 min		
Number of steps that can be set	Weekly program (See note 1)	40 steps/circuit	48 steps/circuit (See note 2) 24 steps/circuit (See note 3)	48 steps/circuit (See note 2) 12 steps/circuit (See note 3)
	Yearly program	—	4 yearly programs/circuit	
	Number of settable yearly temporary holiday settings	—	16	

Note: 1. Depending the operation, the following steps can be used for weekly programs.

Timer operation: 2 steps

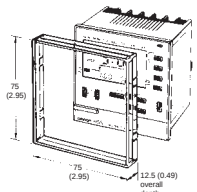
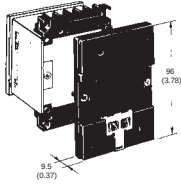
Pulse-output operation: 1 step

Cyclic operation: 4 steps

2. When the season switching setting is not being used.

3. When the season switching setting is being used.

Accessories

Description	Appearance	Dimensions H x W x D mm	Specification	Model
Hard cover		75 x 75 x 12.5	Hard plastic protective cover prevents accidental resetting and shields the front panel from dirt and water.	Y92A-72C
Track mounting adapter		96 x 72 x 9.5	Mounts H5S-FB timer on DIN rail track. Two screws supplied with the timer fasten the adapter to the timer.	Y92F-90
Mounting track		500 L x 35 H x 7.3 D	0.5 m length	PFP-50N
		1000 L x 35 H x 7.3 D	1 m length	PFP-100N
		1000 L x 35 H x 16.0 D	1 m length	PFP-100N2
End plate		50 x 10 x 10	Holds track-mounted devices in place	PFP-M

Digital Weekly Time Switch H5L

Quick Link
T334

1/4 DIN Size Timer, Easy Programming and Large Display

- Programming for 24 hrs x 7 days using just five switches
- Twenty-four program steps available
- Two independent 15 A control circuits
- Manual override switch for each output
- 10-year battery backup for memory protection
- Large, easy-to-read LCD display
- Multiple-day operation
- Designed for track mounting; panel and surface mounting hardware included



Specifications

- Supply voltage: 100 to 240 VAC
- Timing functions: Weekly timer, 24 hrs x 7 days, ON or OFF programming
- Timing ranges: 00:00 to 23:59 (hours:minutes), 1 minute cycle minimum
- Repeat accuracy: $\pm 0.01\%$, ± 0.05 sec maximum
- Control output: 15 A at 250 VAC (resistive load)

Digital Daily Time Switch H5F

Quick Link
T333

1/16 DIN Size Timer with Simple Programming

- Control up to 12 ON/OFF operations per day (24 for pulse-output operation) for one independent circuit
- Special holidays can be handled easily with the holiday setting function
- Adjustments for sudden schedule changes can be made easily using output override and automatic return operation
- Operation program can be easily checked with the program check function
- Enables pulse output operation and summer time setting
- Incorporates finger-safe terminals
- Flush, surface, and DIN track mounting options



Specifications

- Supply voltage: 100 to 240 VAC
- Timing functions: Daily timer, 24 hrs x 7 days, ON or OFF programming
- Timing ranges: 24 h x 7 days (Operation days can be specified.) 1 to 59 s, or 1 to 60 min. Pulse-output operation (Pulse width can be set in units of 1 s from 1 to 59 s and in units of 1 min from 1 to 60 min.)
- Repeat accuracy: $\pm 0.01\%$, ± 0.05 sec maximum
- Control output: Contact output: SPST-NO, 15 A at 250 VAC, resistive load. 10 A at 24 VDC, resistive load. Minimum applied load: 100 mA at 5 VDC (failure level: P, reference value)

