

## Multirange Electronic Timers — continued

### Solid-State Timer - H3G Series



- Din size 36 x 36mm
- LED power ON indicator
- UL and CSA approved

OMRON

Asian Selection

New

H = 67, W = 36, D = 36

Rated supply voltage 200/220/240 Vac, 50/60 Hz  
 Operating voltage range 85% to 110% of rated supply voltage  
 Operating mode Time limit operation/self-reset  
 Reset voltage 10% max. of rated supply voltage  
 Contact DPDT

Control output 5A at 250Vac, resistive load (cosφ = 1)  
 Operating temp. -10°C to +55°C  
 Life expectancy Mechanical: 10,000,000 op. min.  
 Electrical: 500,000 op. min.

PLC224/SI

Mfrs. List No.	Order Code	1+	5+	10+
10 min H3G-8C AC200/220/240 10M	357-5081			
10 sec H3G-8C AC200/220/240 10S	357-5093			
30 min H3G-8C AC200/220/240 30M	357-5100			
30 sec H3G-8C AC200/220/240 30S	357-5111			
5 min H3G-8C AC200/220/240 5M	357-5123			
5 sec H3G-8C AC200/220/240 5S	357-5135			
60 sec H3G-8C AC200/220/240 60S	357-5147			
Socket PF083A-E	176-961			

### Solid-State Twin Timer - H3CR-F



OMRON

Asian Selection

New

Body: 48(H) x 48(W) x 84(D)

- Din size 48 x 48mm
- UL and CSA approved
- Sealed to IP40
- Time ranges (0.05 seconds to 30 hours) selectable

Operating mode Flicker ON start (for order code 357-4775 & 357-4787)  
 Flicker OFF start (for order code 560-558 & 560-560)  
 Pin type 8-pin  
 Output type Relay output (DPDT)

Reset time 0.1s max  
 Control output Contact output: 5A @ 250Vac, resistive load (cosφ = 1)  
 Operating temp. -10°C to +55°C  
 Mechanical life 20,000,000 operations min  
 Electrical life 100,00 operations min

PLC226/SI

Mfrs. List No.	Order Code	1+	5+	10+
20 VAC/DC H3CR-F8N AC/DC24	357-4775			
100-240 VAC H3CR-F8N AC100-240	357-4787			
24 VAC/DC H3CR-F8 AC/DC24	560-558			
100-240 VAC H3CR-F8 AC100-240	560-560			
8-Pin Socket P2CF-08	330-954			

### Digital, Programmable LED Display

TEMPATRON



H = 33, W = 75, D = 69, Panel cut-out = 71 29

- 9 programmable modes of operation
- Bright green LED display ensures clarity of view, even at distance
- 5 timing ranges from 1 sec. to 100 hrs., including a 24 hr. range
- Two tier access code for program security plus tamper proofing
- Selectable up/down timing
- Programmable buzzer on output option
- Led indication of timing ranges and output status
- 2 independent output relays
- Programmable reset functions
- Remote hold and reset functions
- IP65 water and dust protection
- CE compliance for both EMC and Low voltage directives
- 12V ac/dc supply voltage can be provided by optional transformer

Supply voltage 12/24V ac/dc ± 10%  
 Power consumption 3VA max.  
 Contact rating 0/P1 : 8A @ 240V ac resistive, 0/P2 : 5A @ 240V ac resistive  
 Reset time 100ms max.  
 Ambient temperature Working : 0 to 50°C, Storage : -10 to 70°C  
 CE approvals Complies with EMC EN50081-1, EN50082-1 & low voltage EN61010-1 standards

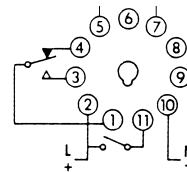
FOR SUITABLE TEMPERATURE CONTROLLERS SEE PAGE 1194

96X

Mfrs. List No.	Order Code	1+	5+	10+	25+
Timer TT32ML	.767-074				
Transformers					
240Vac to 12Vac	TRA12UN100	645-400			
120Vac to 12Vac	TRA12UNI11	645-412			

### Digital Multifunction – UDT LCD

TEMPATRON



H = 48, W = 48, D = 75, Panel cut-out = 45 sq.

- Six operating modes and six time ranges between 0.1s and 99.9hrs
- Programming via two front panel switches, includes battery backup
- Digital LCD displays up or down count
- Enable input may be used to trigger timing
- Tamper proof range and mode settings
- Cyclic mode on and off settings can be set independently
- Accepts wide ac or dc input voltage range and has 7A SPCO relay output
- Supplied with panel mounting bracket

Operating modes Delay on energise, interval, delay on de-energise, delayed cycle, immediate cycle, delayed pulse  
 Time ranges 9.99s, 99.9s, 9.99m, 99.9m, 9.99hr, 99.9hr.  
 Repeat accuracy ±0.3% of set time  
 Reset time 10ms max.  
 Contact SPCO  
 Contact rating 7A @ 240Vac/30V dc resistive  
 Operating voltage 18 to 264V ac, 47-440Hz, 18-300V dc  
 Operating temperature -10°C to +60°C

54

Mfrs. List No.	Order Code	1+	5+	10+	25+
Timer	.177-473				
Sockets		1+	25+	50+	100+
DIN rail/surface	177-177.				
Panel (reverse screw terminals)	.177-179.				
Free, solder (with cover)	.170-963.				

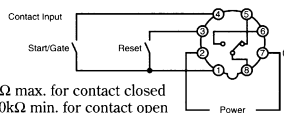
### Digital Multifunction-TDMS

IMO



H = 48, W = 48, D = 86.5 (behind bezel)

The TDMS has universal contact/solid-state inputs:



Note: 1kΩ max. for contact closed  
 100kΩ min. for contact open



- Mode 1: On-delay
- Mode 2: Signal off-delay
- Mode 3: One short
- Mode 4: Symmetrical cycling
- Mode 5: Signal on-delay
- Mode 6: On-delay with pause
- Mode 7: Intergrating delay
- Mode 8: Asymmetrical cycling

Operating voltages 24VAC/DC - 100-230VAC

Mfrs. List No.	TDMS 24AC/DC = 312-3170, STD8 = 312-3110,	TDMS 100-230AC = 312-3182, STF8 = 312-3121,	CTB = 312 = 3042
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tim140

Timer Voltage	Order Code	1+	5+	10+	25+	50+
24 Vac/dc	312-3170					
100-230 Vac	312-3182					
Socket						
Din rail	312-3110.					
Rear mounting	312-3121.					
Flush mounting adaptor	312-3042.					