

Multirange Electronic Timers — continued

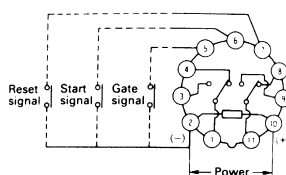
Multifunction - TA11-A



- 4 Operating modes
- DIN48 short body
- 16 Timing ranges - front panel selectable
- DPCO 5A output relay
- Indicators for range, mode, power and timing
- 11 pin plug-in base - sockets for panel or rail mtg
- Flush mounting adaptor supplied separately
- **UL and CSA approved**

IMO

Recent Addition
3 YEAR GUARANTEE

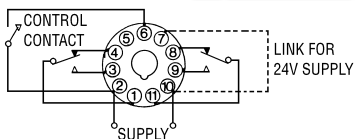


Time ranges: seconds - 0.6, 1.2, 3, 6, 12, 30 or 60 mins - 6, 12, 30 or 60 hours - 6, 12, 30 or 60
 Reset time: 0.1 secs or less
 Operating voltages: 24AC/DC - 100-240VAC
 Operating Modes
 PO: On-delay
 FL: Recycling
 OS: One-shot
 SF: Signal off-delay

Mfrs. List No. TA11-A24AC/DC = 312-3005, STD11 = 312-3029, TA11-A 100-230AC = 312-3017, STF11 = 312-3030, CTB = 312-3042

Timers	Order Code	1+	5+	10+	25+	50+
24 Vac/dc	312-3005					
100-230 Vac	312-3017					
Socket						
Din rail	312-3029					
Rear mounting	312-3030					
Flush mting adaptor	312-3042.					

Multifunction — TOP48C



H = 48, W = 48, D = 80 (behind bezel)
 Panel cut-out = 45sq

- DIN48 electronic timer with six operating mode options
- Time scale selectable from 1 sec to 60 hrs full scale, and 2 timed changeover contacts
- 30mm dia timing dial is scaled 0.1 to 1
- LED indicators for 'power on' (red), and 'relay energised' (green)
- Connection is by 11 pin plug-in socket
- Timer is supplied with panel mounting bracket
- Approvals to **UL, CSA, VERITAS and ASE**

Operating modes: Six selectable
 Time ranges: 1s, 10s, 60s, 4m, 10m, 60m, 10hr, 60hr
 Repeat accuracy: ±0.5% for constant parameters
 ±3% to VDE0435 (0° - 40°C) or ±5% (-20°C - 60°C)
 Reset time: 20ms (by control contact), 100ms (by de-energisation)
 Contact arrangement: DPCO (timed)
 Contact rating: ac: 5A, 250V, 1100VA, dc: 1A, 250V, 30W
 Operating voltage: 178-892: 110 - 127V ac 50/60Hz, 24V ac/dc
 178-893: 220 - 240V ac 50/60Hz, 24V ac/dc
 Operating voltage range: 85% - 110%
 Operating temperature: -20°C to +60°C

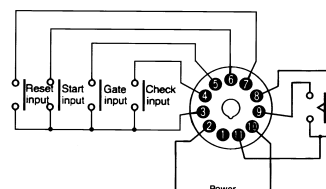
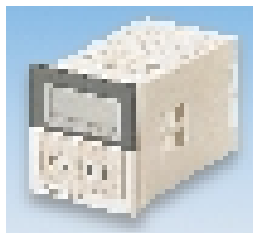
Operating Mode Options
 Mode A: Delay on energisation
 Mode B: Timing on impulse (one-shot, constant supply)
 Mode C: Timing after impulse (off delay, constant supply)
 Mode H: Timing on energisation
 Mode At: Delay on energisation with memory (on control contact)
 Mode Ht: Timing on energisation with memory (on control contact)

Mfrs. List No. 88-886-005 = 178-892, 88-886-006 = 178-893, PL11 = 331-788.

Timers	Order Code	1+	5+	10+	25+
110 - 127V ac, 24V ac/dc	.178-892				
220 - 240V ac, 24V ac/dc	.178-893				
Sockets					
Chassis (Omron)	331-788.				
Surface/DIN rail	177-177.				

Digital Multifunction — H3CAA & H3CA-8 Series

OMRON



H = 48, W = 48, D = 77 (behind bezel).
 Panel cut-out = 45sq

- DIN48 body size
- Eight operating modes and selectable time range between 0.1s and 9.99 hours
- Programmed via five front panel 'fold down' push rotary switches
- LCD bar display indicates remaining time and control output status
- Separate mounting adaptor available for front panel mounting
- **UL, CSA and SEV approved**

H3CAA Series
 Operating modes: Eight selectable
 Time ranges: Selectable between 0.1s and 9990hr full scale
 Repeat accuracy: ±0.3%
 Reset time: 0.5s max.
 Contact: SPCO
 Terminal: 11-pin round socket

H3CA-8 Series
 Operating mode: ON-delay operation
 Time range: 0.1s-9.990hr
 Repeat accuracy: ±0.3%
 Reset time: 0.1s max.
 Contact: SPDT (H3CA-8H), DPDT (for H3CA-8)
 Terminals: 8-pin round socket

Operating Mode Options
 Mode A — On delay
 Mode B — Recycling (equal on/off)
 Mode C — Signal on/off (1)
 Mode D — Signal off delay (1)
 Mode E — Interval timing
 Mode F — One shot/recycling
 Mode G — Signal on/off (2)
 Mode H — Signal off delay (2)

Warning: Control input pins are not electrically isolated from the timer supply.

Mfrs. List No: H3CAA-306 = 175-532, Y92F-30 = 104-636, P2CF11 = 425-382, PL11 = 331-788
 H3CA-8 AC100/110/120 = 357-4702, H3CA-8 AC200/220/240 = 357-4714,
 H3CA-8H AC100/110/120 = 357-4726, H3CA-8H AC200/220/240 = 357-4738,
 H3CA-8H DC24 = 357-4740, P2CF-08 = 357-4751, P3G08 = 357-4763

	Order Code	1+	5+	10+
Timer	175-532			
Chassis socket	331-788			
Surface/DIN rail socket	425-382			
Panel mounting adaptor	104-636			
Timer AC100/110/120	NEW 357-4702			
Timer AC200/220/240	NEW 357-4714			
Timer AC100/110/120	NEW 357-4726			
Timer AC200/220/240	NEW 357-4738			
Timer DC24	NEW 357-4740			
Track mounted socket	NEW 330-954			
Back connecting socket, screw terminal	NEW 357-4763			

On-Delay — H3AM Large Display

OMRON



- Large easy to read display
- Wide supply voltage 100 to 240Vac
- Different coloured moving pointers indicates both set and remaining times
- Wide time ranges (three units cover 0.2s to 60h)
- User configurable output configuration
- Sealed to **IP65**
- Manual setting knob
- Conforms to **IEC61812-1, IEC60664-1**
- **UL and CSA approved**

H = 96, W = 96, D = 85 behind bezel

Operating mode: ON delay
 Time ranges: 186-041 (30s, 3 min, 30 min, 3h, 30h)
 186-053 (60s, 6 min, 60 min, 6h, 60h)
 186-065 (12s, 120s, 12 min, 120 min, 12h)

Operating voltage: 100 - 240Vac 50/60Hz
 Operating temperature: -10°C to +55°C
 Contact rating: 5A, 250VAc
 Reset input time: 0.5 sec
 Power reset time: 0.5 sec
 Contact arrangement: SPCO

Time Range	Mfrs. List No.	Order Code	1+	5+	10+
0.5s to 30h	H3AM-NS-A300	186-041			
1s to 60h	H3AM-NS-B300	186-053			
0.2s to 12h	H3AM-NS-C300	186-065			