

Multirange Electronic Timers — continued

On Delay, Multifunction – EAM/EMB Series  
DIN Rail Mounting



- Monofunction or Multifunction
- Multirange 6/9 time ranges 0.1s to 10 hours
- On delay, 0.1s to 100 hours multifunction
- Operating voltage 24Vac/dc or 115-230Vac
- SPCO relay 5A/250Vac
- Range and functions selected by rotary switch
- Twin terminal chambers accept dissimilar size conductors
- LED indication whilst timing
- UL, CSA and SEV approved

H = 90, W = 22.5, D = 100

Operating mode Monofunction  
Multifunction

- A-Delay on energisation
- A-Delay on energisation, pulse start
- B-Pulse controlled internal timer
- C-Pulse controlled delay on operate/delay on release
- D-Pulse-started interval timer, leading edge
- E-Pulse-started symmetrical recycler, ON time first
- F-Pulse-started interval timer, trailing edge

Time ranges  
Repeat accuracy  
Operating temperature

sec, min, hrs 0.1 or 1  
≤0.2%  
-20°C to +50°C

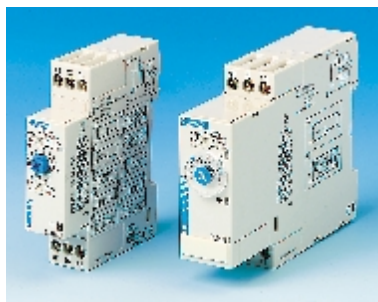
Mftrs. List No. EAMCT2310H = 186-211, EMBCT23 = 186-223

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Timing Function	Order Code	Price Each			
		1+	5+	10+	25+
Delay on Energise - EAM	186-211				
Multifunction - EMB	186-223				

Multifunction/Monofunction.

DIN Rail Mounting 17.5mm/22.5mm-Chronos 2



17.5mm: H = 81, W = 17.5, D = 60  
22.5mm: H78, W = 22.5, D = 95

- 17.5 slimline or 22.5mm DIN rail mounting
- Multi-function, Dual-function or Mono-function
- Multi-range (0.1s to 100 hours).
- Multi-voltage by 2 terminals
- Output: 1 or 2 changeover relays 8 A @ 250V
- LED Status indicators
- Possible to connect external power supply to the control input
- 3 wire sensor control option
- Precision timing by micro-controller

- Multi-function U: 10 function (A, At, B, C, H Ht, Di D, Ac, Bw)
- Multi-function X: 8 functions (N, O, P, W, Ad, Ah, T Tt)
- Function A: Delay on energisation
- Function At: Timing on energisation with memory
- Function B: Timing on impulse one shot
- Function C: Timing after impulse
- Function H: Timing on energisation
- Function Ht: Delay on energisation with memory
- Function Di: Symmetrical flip flop, pulse start
- Function D: Symmetrical flip flop, pause start
- Function Ac: Timing after closing and opening of a control contact
- Function Bw: Timing at the closing and opening of a control contact
- Function Li: Asymmetrical flip flop, pulse start
- Function L: Asymmetrical flip flop, pause start
- Function K: Delay on de-energisation
- Function N: Safe-guard
- Function O: Delayed safe-guard
- Function P: Delay fixed length pulse
- Function W: Timing after pulse on control contact
- Function Ad: Timing on impulse
- Function Ah: Single flip flop on impulse, pause start
- Function T: On/off latch after pulses
- Function Tt: Timed on/off latch after pulses

Operating temperature: -20°C to +60°C

Mftrs. List No:	88826103 = 312-2232,	88826105 = 312-2244,	88826115 = 312-2256,
	88826125 = 312-2268,	88826135 = 312-2270,	88826145 = 312-2281,
	88826155 = 312-2293,	88826185 = 312-2300,	88826004 = 312-2311,
	88826014 = 312-2323,	88826044 = 312-2335,	88826054 = 312-2347,
	88865103 = 312-2128,	88865105 = 312-2130,	88865115 = 312-2141,
	88865125 = 312-2153,	88865135 = 312-2165,	88865155 = 312-2177,
	88865215 = 312-2189,	88865265 = 312-2190,	88865305 = 312-2207,
	88865385 = 312-2219		

Voltage	Function	Order Code	Price Each			
			1+	5+	10+	20+
<b>17.5mm-SPCO</b>						
12 to 240 V AC/DC	U	.312-2232				
24 VDC, 24 to 240 VAC	U	.312-2244				
24 VDC, 24 to 240 VAC	A/At	.312-2256				
24 VDC, 24 to 240 VAC	B	.312-2268				
24 VDC, 24 to 240 VAC	C	.312-2270				
24 VDC, 24 to 240 VAC	H/Ht	.312-2281				
24 VDC, 24 to 240 VAC	L/Li	.312-2293				
24 VDC, 24 to 240 VAC	X	.312-2300				
<b>17.5mm-SPCO, Solid State Output</b>						
24 to 240 V AC	U	.312-2311				
24 to 240 V AC/DC	A	.312-2323				
24 to 240 V AC	H	.312-2335				
24 to 240 V AC	L/Li	.312-2347				
<b>22.5mm-SPCO</b>						
12 to 240 V AC/DC	U	.312-2128				
24 VDC, 24 to 240 VAC	U	.312-2130				
24 VDC, 24 to 240 VAC	A/At	.312-2141				
24 VDC, 24 to 240 VAC	B	.312-2153				
24 VDC, 24 to 240 VAC	C	.312-2165				
24 VDC, 24 to 240 VAC	L/Li	.312-2177				
<b>22.5mm-DPCO</b>						
24 VDC, 24 to 240 VAC	A/At	.312-2189				
24 VDC, 24 to 240 VAC	K	.312-2190				
24 VDC, 24 to 240 VAC	U	.312-2207				
24 VDC, 24 to 240 VAC	X	.312-2219				

Multifunction/Monofunction

8 and 11 pin plug-in-Chronos 2



H = 45, W = 35, D = 87

- 8 or 11 pin plug-in
- Multi-function, Dual-function or Mono-function
- Multi-range (0.1s to 100 hours)
- Multi-voltage by 2 pins
- Output: 1 or 2 changeover relays 8 A @ 250V
- LED Status indicator
- Possible to connect external power supply to the control input
- 3 wire sensor control option
- Precision timing by micro-controller

Multi-function U: 10 functions (A, At, B, C, H, Ht, Di D, Ac, Bw)

- Function A: Delay on energisation
- Function At: Timing on energisation with memory
- Function B: Timing on impulse one shot
- Function C: Timing after impulse
- Function H: Timing on energisation
- Function Ht: Delay on energisation with memory
- Function Di: Symmetrical flip flop, pulse start
- Function D: Symmetrical flip flop, pause start
- Function Ac: Timing after closing and opening of a control contact
- Function Bw: Timing at the closing and opening of a control contact
- Function Li: Asymmetrical flip flop, pulse start
- Function L: Asymmetrical flip flop, pause start

Mftrs. List No.	8867103 = 312-2001,	8867105 = 312-2013,	8867135 = 312-2025,
	8867155 = 312-2037,	8867215 = 312-2049,	25622129 = 312-2050,
	8867303 = 312-2062,	8867305 = 312-2074,	8867414 = 312-2086,
	8867435 = 312-2098,	8867455 = 312-2104,	25622078 = 312-2116

Operating temperature: -20°C to +60°C

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Voltage	Function	Order Code	Price Each			
			1+	5+	10+	20+
<b>8 Pin plug-in-SPCO</b>						
12 to 240 V AC/DCC	U	.312-2001				
24 VDC, 24 to 240 VAC	U	.312-2013				
24 VDC, 24 to 240 VAC	C	.312-2025				
24 VDC, 24 to 240 VAC	L/Li	.312-2037				
<b>8 Pin plug in DPCO</b>						
24 VDC, 24 to 240 VAC	A/At	.312-2049				
8 Pin DIN mount. socket		.312-2050				
<b>11 Pin plug-in-DPCO</b>						
12 to 240 V AC/DC	U (1 inst)	.312-2062				
24 VDC, 24 to 240 VAC	U (1 inst)	.312-2074				
24 VDC, 24 to 240 VAC	A/At	.312-2086				
24 VDC, 24 to 240 VAC	C	.312-2098				
24 VDC, 24 to 240 VAC	L/Li	.312-2104				
11 Pin DIN mounted socket		.312-2116				