

## ATC Digital Timers & Counters

### 1/16 DIN Digital Display Timer

- Timing from .01 sec. to 999 hrs
- Timing Up to or Down from the set point
- Timing LED indicates output relay status
- Switch selectable timing ranges are tamper proof when panel mounted
- High intensity green LED display
- Non-volatile elapsed time memory option
- Time preset can be adjusted while timing
- Passes NEMA showering arc noise test



**425A**  
CE SR cRU US

#### SPECIFICATIONS

Ranges:	0 to 9.99, 99.9 or 999 Sec/Min/Hrs Range selected by switch on side of unit
Load Relay:	SPDT or DPDT Life 10 million operations (no load)
Relay Contact Rating:	5 A resistive @ 250 VAC or 30 VDC 1/10HP @ 120 VAC
Temperature:	0° to 140°F (-18° to 60°C) operating
Noise Immunity:	Showering arc per NEMA ICS2-230
Surge Withstand:	4500 volt, 50 microsecond without damage
Mounting:	Panel mount or 8-pin octal plug-in
Power:	120 VAC, 50/60 Hz; (10%, -20%); 5W max
Repeat Accuracy:	±0.1% over rated voltage & temperature
Reset Time:	100 ms minimum
Cycle Progress Display:	3 digit green, 7 segment numeric LED
Timing Display:	Red LED blinks slowly (once per second) during timing; blinks rapidly after time out.
Memory:	EEPROM 100,000 read/write cycles optional
Case:	1/16 DIN (48x48x94mm)

#### ORDERING INFORMATION

To Order—Insert Number Code for Each Letter to Select Catalog Number. Example: 425A300G10MX

425A300 A B C D

A	Power	
	G	120-240 VAC, 50/60Hz
	Q	120 VAC, 50/60Hz
B	Relay Output	
	10	Instantaneous SPDT, delay SPDT*
	20	Delay DPDT**
C	Memory	
	X	None
	M	EEPROM stores elapsed time and time remaining during power loss
D	Mode	
	X	Time Up
	D	Time Down

#### Accessories

0000-825-85-00	8-Pin surface/DIN rail socket
0407-025-13-00	Hold down clips for above socket
0405-320-02-00	Panel mounting bracket
0319-261-45-00	Plug-in socket kit (8-pin)
600-3-0011	8-Pin socket w/rear facing terminals

\* Timing starts when power is applied. The instantaneous relay energizes, the digital display begins to increment from 0 and the timing LED blinks slowly. When the preset value is reached, the LED blinks rapidly and the Delayed SPDT relay is energized. The timer remains in this timed-out condition until reset by removing power.

\*\* Timing starts when power is applied. The digital display begins to increment from 0 and the timing LED blinks slowly. When the preset value is reached, the LED stops, the timing LED blinks rapidly and the Delayed DPDT relay energizes. The timer remains in this timed-out condition until reset by removing power.

### Multi-Function Multi-Range Timer Counter

**NEW**

- Dual 4-digit LED display
- 1/16 DIN case, IP65 front
- Programmable input scaling
- 2 setpoints & SPST NO Relays
- Timer down counting
- Counter up/down counting
- Batch counting



CE cRU US **385AR**

#### SPECIFICATIONS

Sensor Type:	NPN opr PNP
Input Type:	3-30V pulse from proximity switch, solid state device, or potential free contact encoder
Input Speed:	3Hz/30Hz/5kHz
Accuracy:	Time: ±0.05% of setting, Count: ±0 counts
Scale Factor:	0.001 to 9.9999 x 10 <sup>n</sup> , n=-3,-2,-1,0,1,2,3
Reset:	Front, remote, power interruption
Timer Ranges:	0-99.99 / 0-999.9 / 0-9999 sec 0-99.59 min:sec, 0-999.9 / 0-9999 min, 0-99.59 hr:min, 0-999.9 / 0-9999 h
Counter Ranges:	-999 to 9999 counts
Timer Modes:	ON delay, Interval, Cyclic ON first, Cyclic OFF first, Batch
Counter Modes:	ON delay, Interval, Auto reset, Time pulse Repeat, Batch
Relay Outputs:	2 SPST-NO, 5A @ 230VAC
Sensor Supply:	12VDC @ 30mA, short circuit protected
Temperature Rating:	0 to 50°C operating, <95% RH
Power:	85-270 VAC/DC, 50/60 Hz, 5VA max
Case:	1/16 DIN (48x48x110mm), IP65 front

### Multi-Function Timer Counter

- Functions as a Timer, Counter, Frequency Meter or Tachometer
- 8 digit high resolution LCD display
- Front IP66 water protection
- 15 selectable display options
- Battery operated



**5708A** ▲

#### SPECIFICATIONS

Timer:	Display units: day/hour/min/sec 15 display functions (front panel selectable)
Counter:	6 display functions (front panel selectable) Frequency response is programmable for elimination of outside switch key-bounce, and edge trigger. <50 cps/<100 cps /<600 cps (rising and falling edge)
Frequency Meter:	Response 2.5 Hz-1300 Hz 4-digit display 2,500-1300 Hz
Tachometer:	RPM range 150 RPM-78,000 RPM Max. 5-Digit display 150-78000
Reset:	Front Panel / Remote
Display:	8 digit LCD (8mm high)
Count Input:	Switch Closure, Dry Contact
Temperature Rating:	14° to 131° F (-10° to 55° C) operating
Operating Power:	LR44 Battery
Case:	1/32 DIN (48x48x110mm), IP66 front water protection
Screw Type:	M3

#### ORDERING INFORMATION

385AR-100-T5X	Multi-Function Multi-Range Timer Counter
5708A	Multi-Function Timer Counter