




48 x 48mm

Features :

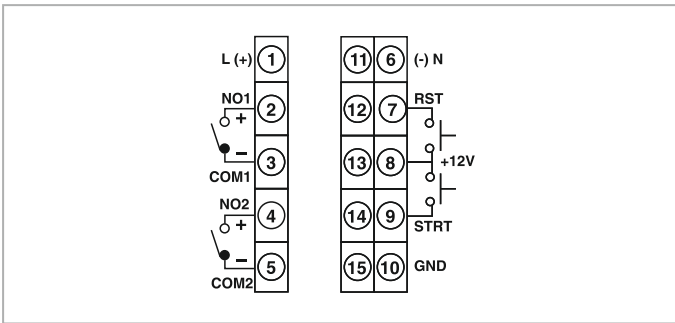
- ▶ 7 Functions
- ▶ 9 Time ranges
- ▶ 4 Digits, 7 segment LED Dual display
- ▶ LED Status indications : Relay status, Seconds, Minutes, Hours
- ▶ Dual set point
- ▶ Batch function

Certifications :  

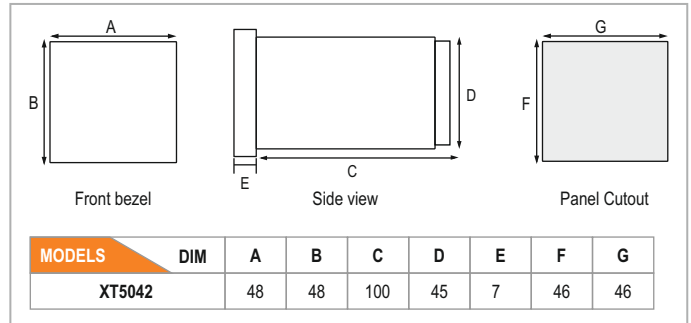
Technical specifications

Display specifications	
Digits	4 digits, 7 segment LED, dual display
LED indication	1 : Relay1 2 : Relay2, Second, Minutes, Hours
Input specifications	
Start input	Gate / Pulse start (programmable)
Accuracy	±0.05% of F.S. or 50msec (F.S. = Full Scale)
Output specifications	
Relay contact	2 C/O SPDT
Contact rating	5A @ 230V AC
Functional specifications	
Modes	ON delay, Interval, Cyclic ON first, Cyclic OFF first, Forward - Pause - Reverse, Instantaneous + Delayed Batch
Time ranges	0 - 99.99sec, 0 - 999.9sec, 0 - 9999sec, 0 - 99:59min : sec, , 0 - 999.9min, 0 - 9999min, 0 - 99 : 59hr : min, , 0 - 999.9hr, 0 - 9999hr
Resolution	0.01sec
Counting direction	Up / Down
Set point	2
Time setting	By keys on front panel
Reset	Front, Remote, On Power interruption (programmable)
Memory retention	10 years
Configuration lock	Password protected
Auxiliary supply specifications	
Supply voltage	90 to 270V AC / DC (50 / 60Hz), 24V AC / DC
Power consumption	5VAmax
Environment specifications	
Temperature	Operating : 0 to 50°C (32 to 122°F) Storage: -20 to 75°C (-4 to 167°F)
Humidity (non - condensing)	95% RH
Mechanical specifications	
Mounting	Panel mount
Weight	175gms

Terminal connections

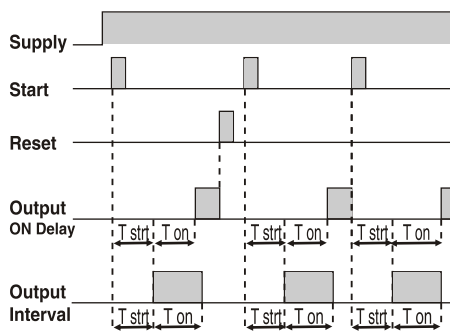


Dimensions

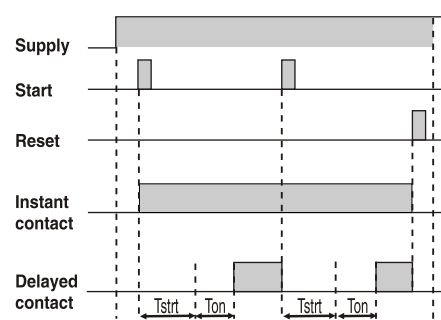


Timing diagrams

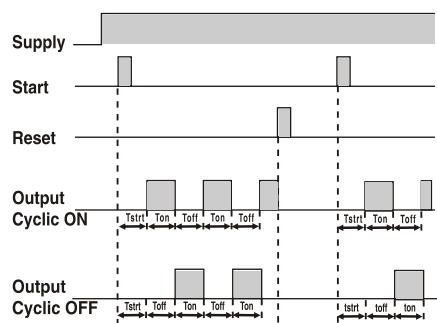
1. On delay, Interval modes:



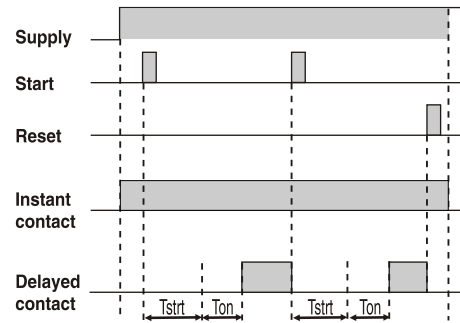
2. Instantaneous + Delayed at start pulse:



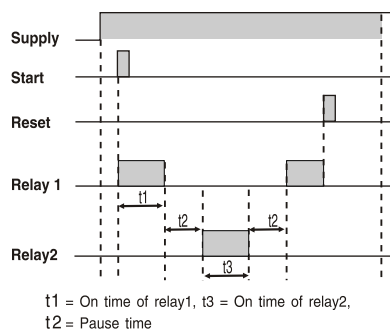
3. Cyclic ON first, Cyclic OFF first modes:



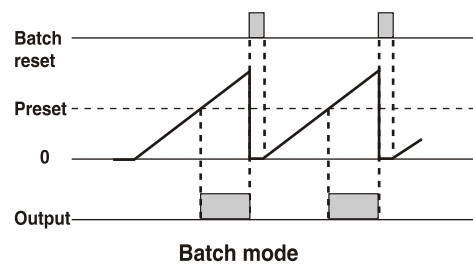
4. Instantaneous + Delayed at power on:

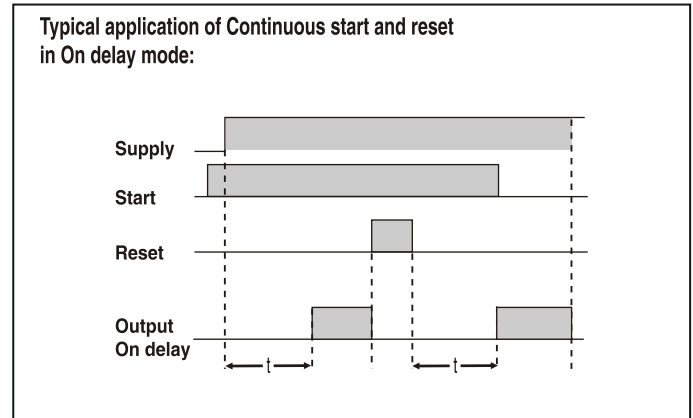
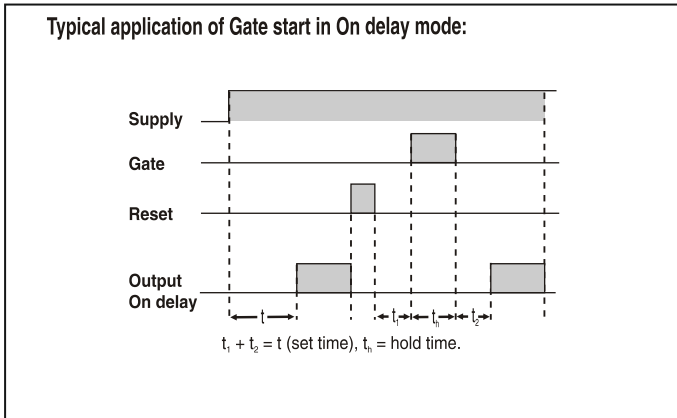


5. Motor reverse mode:



6. Batch mode





Compliance

Applicable EMI / EMC Standards		
Product Standard : IEC 61326-1		
Category		Standards Compliance
ESD Immunity	IEC 61000-4-2	Level III
Surge Immunity	IEC 61000-4-5	+/- 2 kV common mode, +/- 1 kV differential mode
Radiated Susceptibility	IEC 61000-4-3	Level III, 80 to 1000MHz Level II, 1.4GHz to 2GHz Level I, 2GHz to 2.7GHz
Conducted Susceptibility	IEC 61000-4-6	Level II

Applicable EMI / EMC Standards		
Product Standard : IEC 61326-1		
Category		Standards Compliance
Voltage Dips and Interruptions	IEC 61000-4-11	Dips : 0% residual voltage / 1 cycle (Criteria B), 40% residual voltage / 10 cycles 50Hz / 12 cycles 60Hz (Criteria C) 70% residual voltage / 25 cycles 50Hz / 30 cycles 60Hz (Criteria C) Interruptions : 0% residual voltage / 250 cycles 50Hz / 300 cycles 60Hz (Criteria C)
Conducted Emission	CISPR-11	Class A (150KHz to 30MHz)
Radiated Emission	CISPR-11	Class A (30MHz to 1GHz)
Electrical Fast Transient	IEC 61000-4-4	Level III

Ordering information

Product code	Supply voltage	Certification
XT5042-CU	90 to 270V AC / DC	CE  US E253771