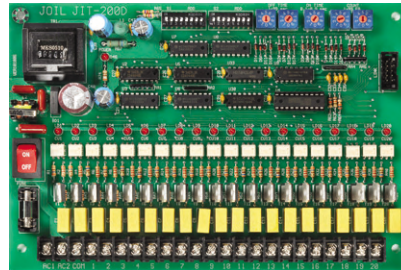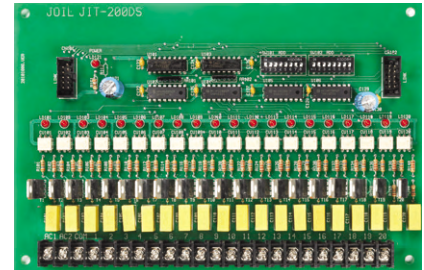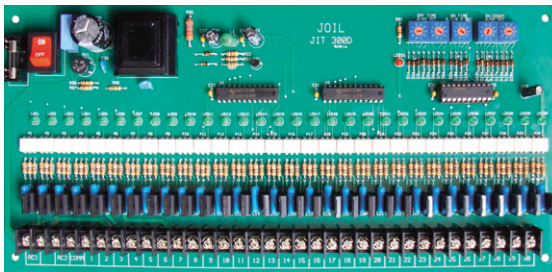# MULTI TIMER CONTROLLER

STANDARD TIMER

Electronic control unit controlling the diaphragm valve at a certain time sequentially.
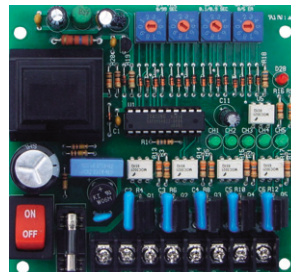

JIT-200D(12, 15, 17, 20P)
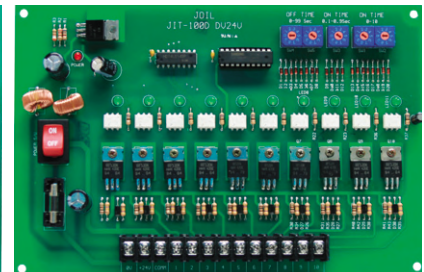

JIT-200D SECONDARY

JIT-300D(25P, 30P)

JIT-50D(3P, 4P, 5P)

JIT-100D(DC 24V 6P, 10P)

■ MULTI TIMER CARD(P.W.B) DIMENSIONS(mm)

MODEL		SIZE		WEIGHT(kg)	
				NET	GROSS
Power supply	Item	Standard Production Model	Width x Length (HOLE)	WEIGHT(kg)	
				NET	GROSS
AC 100~240V 50/60Hz	JIT-50D	3P, 4P, 5P	100× 90(90×80)	0.16	0.80
	JIT-100D Small Type	6P, 10P	169×102(160×93)	0.35	2.13
	JIT-100D Standard Type	6P, 10P		0.43	2.2
	JIT-200D	12P, 15P, 17P, 20P	208×140(193×125)		
	JIT-200D SLAVE	15P, 20P			
	JIT-300D	25P, 30P	287×139(271×123)	0.5	2.3
	M160T+PC101	10P, 16P	206×176(193×125)	0.55	3.06
DC24V	JIT-60DC	6P	208×139(193×125)	0.43	2.25
	JIT-100DC	10P			

Precautions for Installation of TIMER

- In timer installation, be sure to install it apart from high-tension lines and electromagnetic field (the cause of malfunction).
- Upon power connection, check input and output.
- Check on time, off time & on count and turn the power on.
- Upon use of multi-span, connect each p, w, b to each flat connector and for the power, be sure to separate R & S and connect to main timer & secondary timer the same way(if R and S are switched, P.W.B circuit rupture & malfunction may be caused)
- Upon use of multi-span, 10p and 20p should be used for the main timer.
- The dirt and moisture should be prevented infiltration in the timer box.
- Off Time: up to 0~99sec
- On Time: up to 0.1~0.9sec(possible until 0.05sec by order spec)
- On Count: single-span operation 1~30 points, multi-span operation 1~100 points.

DIFFERENTIAL PRESSURE TYPE TIMER : M160T+PC101

Advantages

- Improvement of collection efficiency by maintaining proper differential pressure(coating effect)
- Reduction of air consumption by decreasing the frequency of rapping system(For inadhesive dust, cost is reduced more than 50%- Reduction in electricity cost for more than monthly $26/40A, 16P)
- Life extension of the bag & impact reduction of bag.
- Can be used as the substitute of manometer(additional cost savings)

Main Functions

- It can reduce operating costs by adjusting valve operation with internal differential pressure.
- High Run: 1 cycle operation for reaching high-value.
- Zero Point Adjustment: zero point adjustment by one-time operation of the button.
- Low, Alarm Functions: when it deviates from alarm(high pressure)value and low(low pressure)value, relay output is available(monitoring function by applying buzzer and warning light)
- Highly reliable by employing a motorola sensor.
- External check is possible by employing high-brightness display.
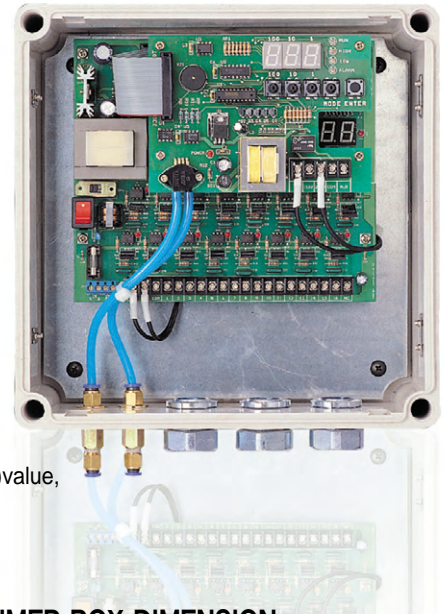
■ MULTI TIMER BOX DIMENSION
AL (JOIL STANDARD BOX) DIMENSION

MODEL	SIZE(L x W x H)	Material
JIT-6P,10P (small)		
JIT-6P~20P (standard)	240×223×90	ALUMINUM DIE-CASTING
JIT-15P,20P (multi-span)		
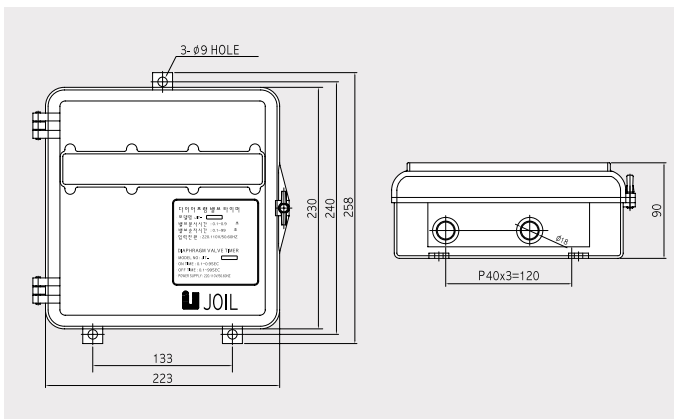
ABS (HI-BOX) DIMENSION

MODEL	SIZE(L x W x H)
JIT-3P, 4P, 5P	140×170×95 (DS-1417)

MODEL	SIZE(L x W x H)
M160T Differential Pressure Timer DR TYPE TIMER	280×280×130 (DS-2828)

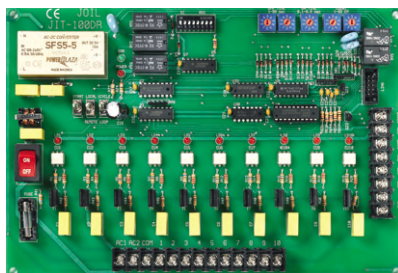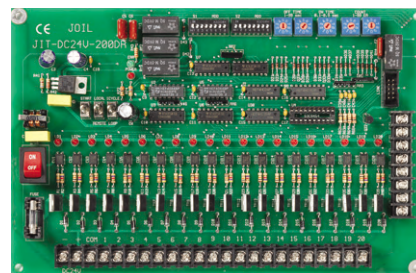| MODEL	SIZE(L x W x H)
JIT-25, 30P	280×340×130 (DS-2834)
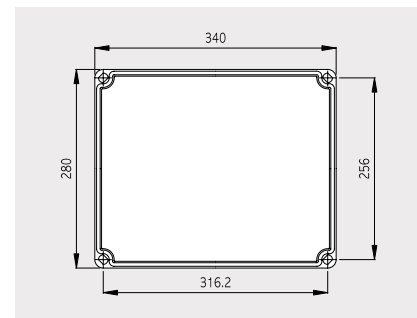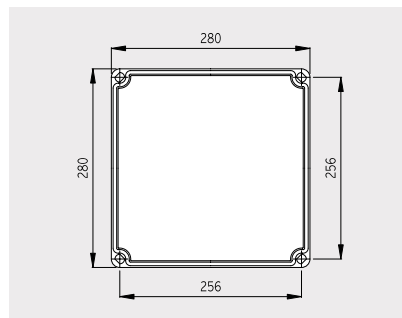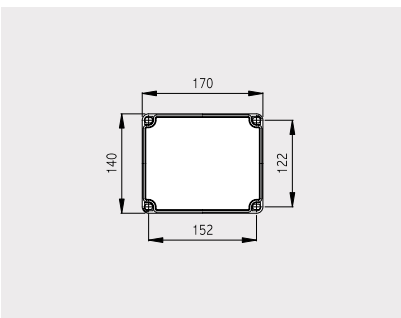
REMOTE CONTROL TYPE TIMER
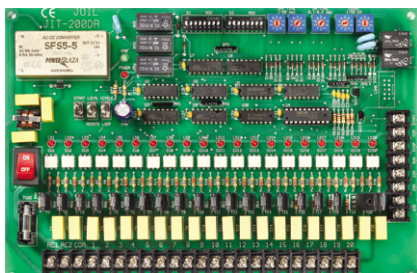

JIT-200DR

JIT-100DR

JIT-200DR-DC24V

Advantages

- ON/OFF control of timer available by external contact signal (OPEN/CLOSE).
  →1)Remote control in the central control room. 2)Multi-span operation system configuration with PLC, pressure witches, etc.
- Output of operating status and operation completion signal of the timer (OPEN/CLOSE)
  →1)Checking operation of the central control room. 2)Alarm system configuration by using operating signal of lamp, buzzer, etc.
- CE mark certified product (implementation of best reliability and quality by using all parts with CE authentication)

Main Functions

- The operation of timer(START/STOP) by external signal(OPEN/CLOSE) can be controlled.
- Possible to set local operations and remote controlled operations.
- Single-span(1 cycle operation per 1 signal) and Multi-span(continuous operation till the input of a stop signal)
- Output of 'Run' signal(timer in operation) and 'End' signal(output for 3 seconds when 1 cycle operation is completed)
- Multi-span operation is possible up to 80 point.
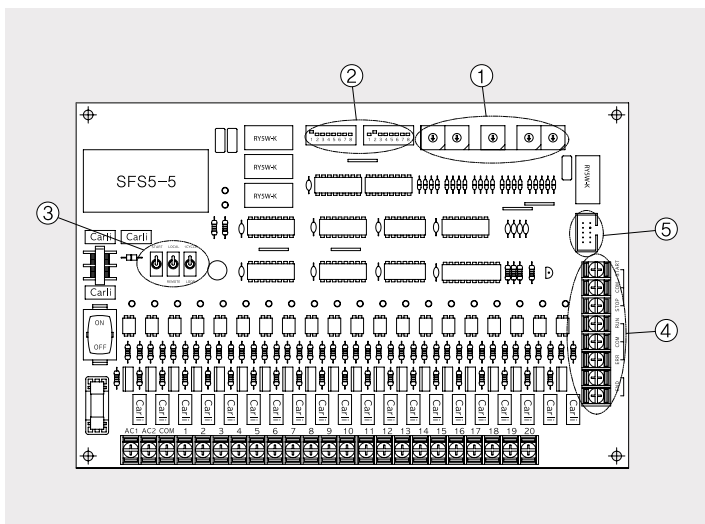
Description of the functions

① Setting Switch:set ON/OFF time and number of valve operation.

② Card NO. Setting Switch

③ Operation Setting Switch
   1)setting local/ remote control
   2)setting single-span and multi-span

④ External control connection terminal (dry contact)
   1) Start/Com/Stop terminal, Operated/Stopped by input signals.
   2) Run/Com/Err, Operating state of the timer outputs by the signal.
   3) End terminal: when 1 cycle operation is completed, complete signal
      outputs(close for 3sec).

⑤ Multi-Span type terminal: when it is used by connecting in multi-
   span, it is connected by flat-connector.