SC-3X DIN 72 X 72
series MULTI - FUNCTION COUNTER $C\epsilon$

☆ Multi-Function
 — Single or Two Phase Input Selectable.
 — Increasement or Decreasement Counting Selectable.
 — Decimal Point Selectable.
 — Preset Value < SV2 > Settable.
 — Divisor Range : 1~9999
 — Multiplier Range : 0.001~9.999
 — Output Delay Timer Range : 0.01~99.99S
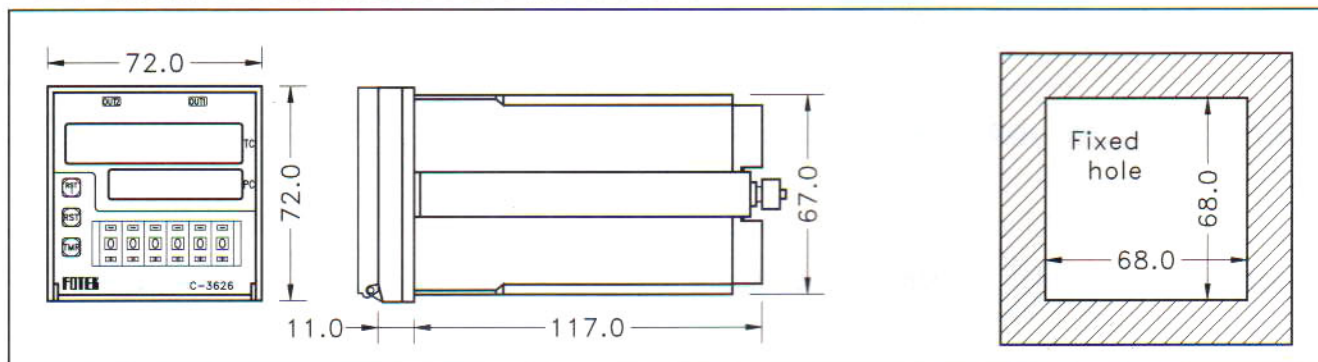☆ Comply With CE Certificate
 — EMC / EMI / ESD / LVD

■ General Specification

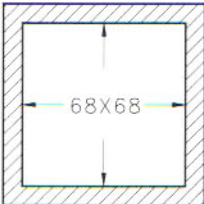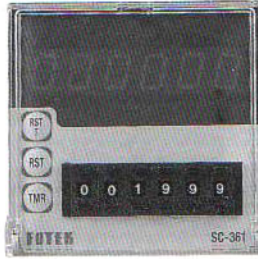| Item	Data	
Power Supply	110V or 220VAC ± 20% , 50/60 Hz , 5VA max.	Selectable
DC Power Output	60mA / 12VDC Max.	
Response Frequence	Speed <A> < 2.5K CPS , Low Speed <B> < 60 CPS	
Memory Method	EEPROM	
Output Control	N / R / C	Selectable
Contact Rated	5A / 250 VAC Max.	
Output Delay Timer	Auto Reset Timer Range : 0.01S~99.99S	
Divisor	Range : 1~9999	
Multiplier	Range : 0.001~9.999	
ESD Strength	Over 8 KV	
Dielectric Strength	Over 2.5 KV / 1min , Between Power And Each Terminal	
Isolation Strength	Over 100MΩ/500VDC , Between Power And Each Terminal	
Operating Temp./Hum.	-20°C ~ +80°C ; 35% ~ 85% RH	

■ Interface Circuit & Connection Diagram
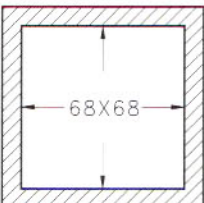
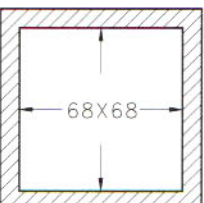| IN or Reset Circuit	Single Preset Counter	Dual Preset Counter
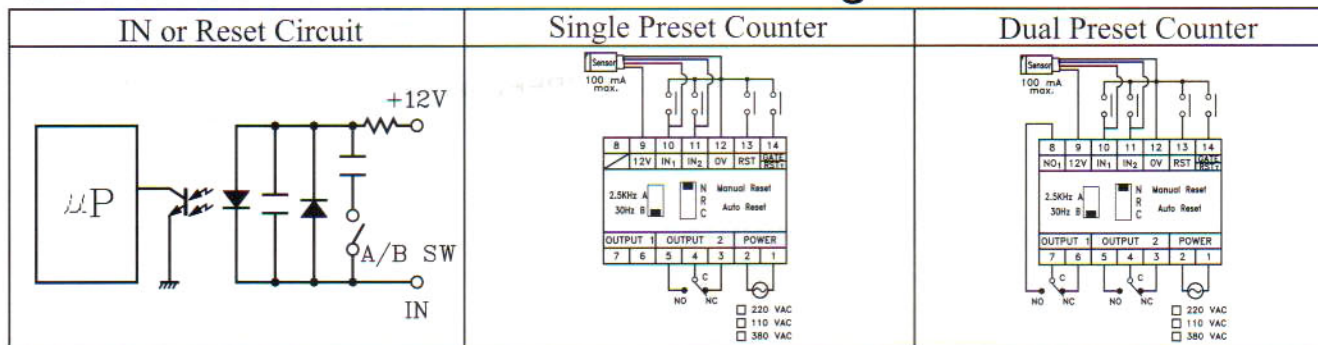
■ Outline Dimension & Fixed Hole
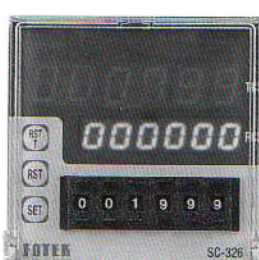
■ Single Preset Counter / Preset & Total Counter

Model	SC-341	SC-361	SC-3616
Fixed Hole	68X68		
Input Method	Single Phase or Two Phase		Selectable
Counting Method	Increasement or Decreasement Counting		Increasement
Output Method	One Relay		

■ Dual Preset Counter

Model	SC-342	SC-362	SC-352
Fixed Hole	68X68		
Input Method	Single Phase or Two Phase		Selectable
Counting Method	Increasement or Decreasement Counting		Selectable
Output Method	Two Relay		

■ Dual Preset & Total Counter / Twin Counter

Model	SC-3526	SC-3626	SC-326
Fixed Hole	68X68		
Input Method	Single Phase or Two Phase		Selectable
Counting Method	Increasement Counting		
Output Method	Two Relay		

☆SC-326：Counter #1 Output Auto Reset (C) Standard.
Counter #2 is Batch Counter Available.

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SC-3X series DIN 72x72 MULTI - FUNCTION COUNTER

CE

■ Inner DIP Switch

Preset Counter

Nr.	Function
1	ON ：Two Phase Input
	OFF：Single Phase Input
2	ON ：Decreasement Counter
	OFF：Increasement Counter
3	ON ：Multiplier
	OFF：Divisor
4	ON ：Setting of Divisor or Multiplier
	OFF：Counting Status

Preset & Total Counter.

Nr.	Function
1	ON ：Two Phase Input
	OFF：Single Phase Input
2	ON ：Total Counter is Batch Counter
	OFF：Total Counter is Synchronous Counter
3	ON ：Multiplier
	OFF：Divisor
4	ON ：Setting of Divisor or Multiplier
	OFF：Counting Status

■ A/B Slide Switch

Counting	Hi → Lo , L<2V , 6V<Hi<30V
A	2.5K CPS Max.
B	60 CPS Max.

■ Selecting of Decimal Point

Push The [TMR] & [RST] Key Meamwhile

To Select The Decimal Point

■ Setting of Delay Time (t)

Push The [TMR] Key To Set Timer.

Push The [RST] Key To Increase The Delay Time

Push The [RST/T] Key To Decrease The Delay Time

■ Selecting of Divisor or Multiplier

Divisor ： The Inner DIP Switch #3 Set At "OFF" Position < Range ：1~9999 >

Multiplier ： The Inner DIP Switch #3 Set At "ON" Position < Range ：0.001~9.999 >

Set The Inner DIP Switch #4 To "ON" Position,

Push The [RST] Key To Increase The Value of Divisor or Multiplier.

Push The [RST/T] Key To Decrease The Value of Divisor or Multiplier.

After Finishing Setting, Please Set The Inner DIP Switch #4 To "OFF" Position.
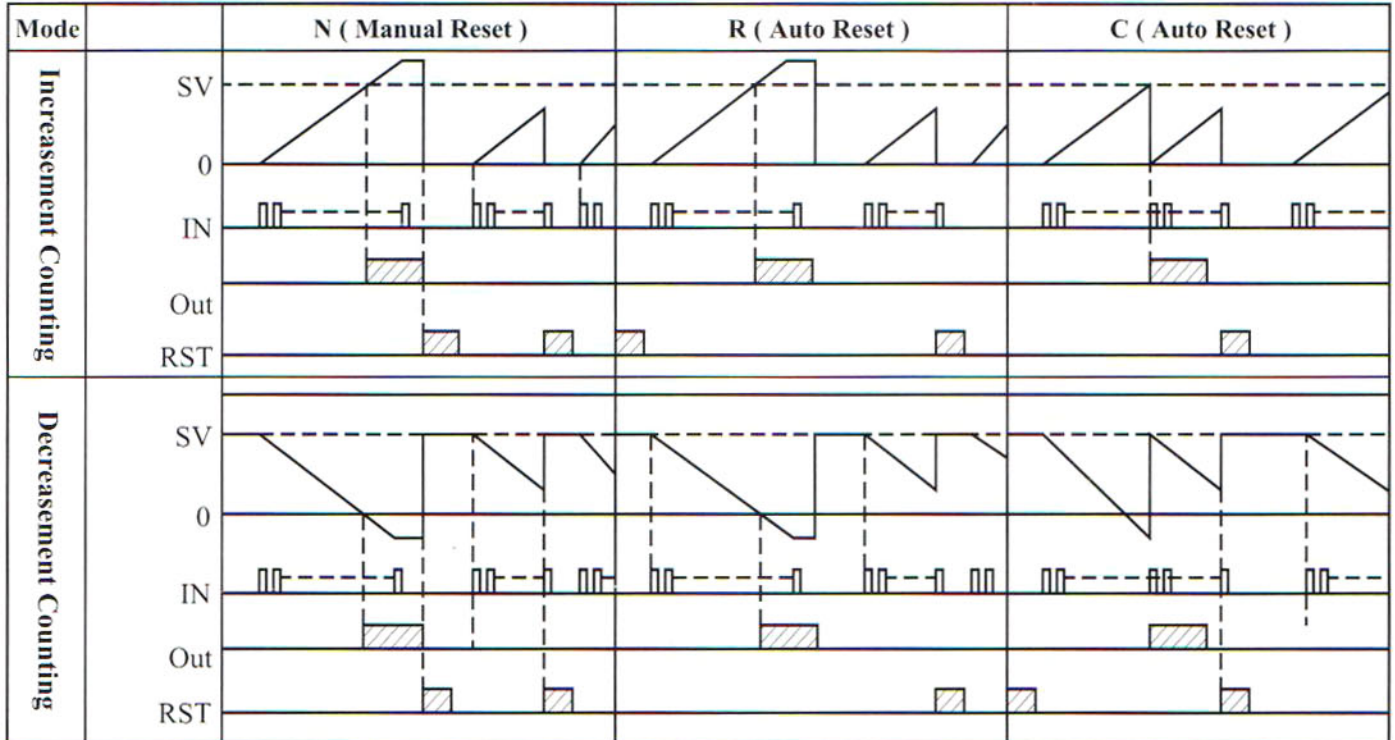
■ Setting of The Preset Value <SV_1>

Push The [TMR] Key To Set The SV_1.
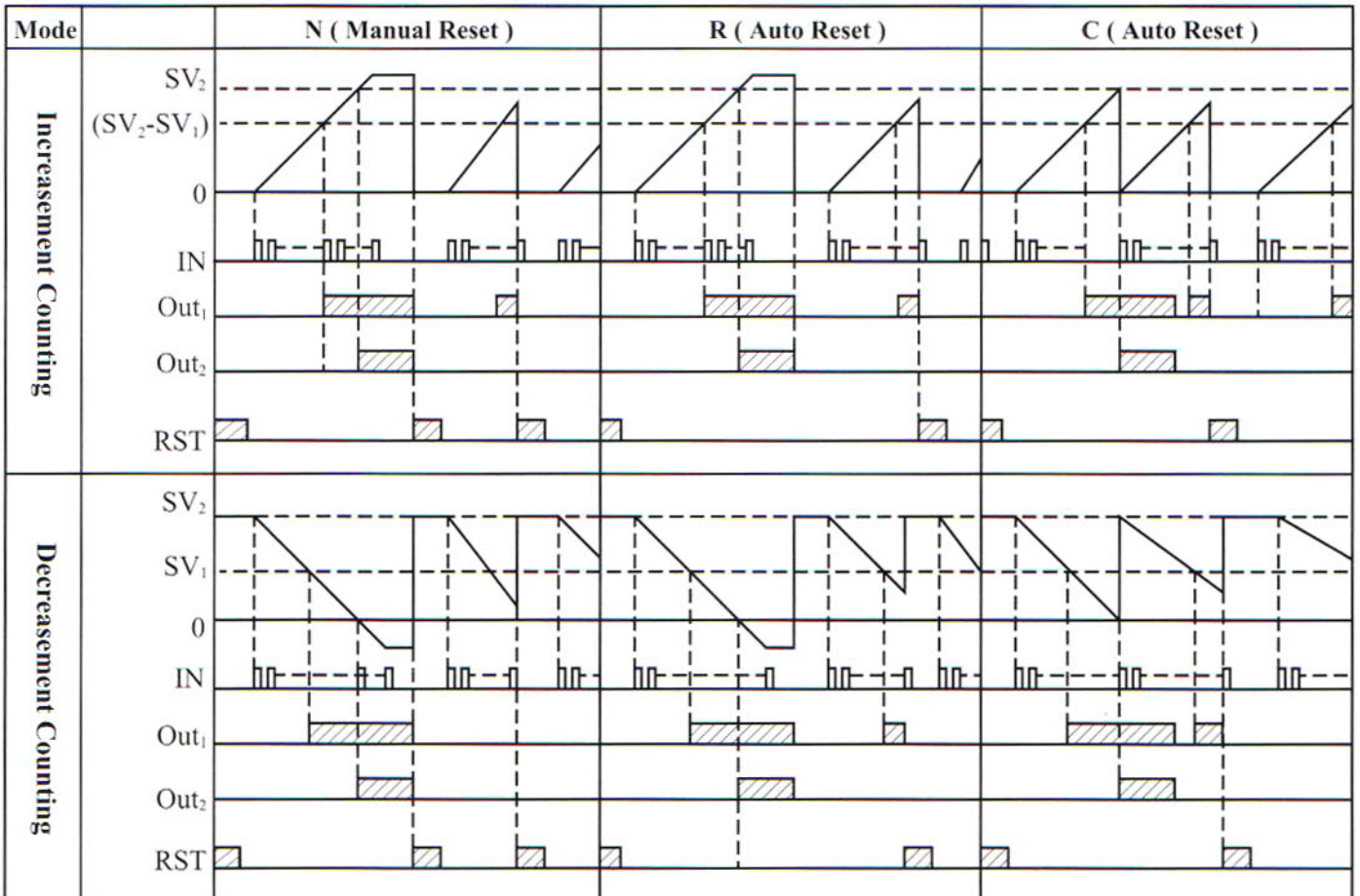
Push The [RST] Key To Increase The Preset Value of SV_1

Push The [RST/T] Key To Decrease The Preset Value of SV_1

■ Output Timing Chart < N / R / C Control >

Single Preset Counter

Mode		N (Manual Reset)	R (Auto Reset)	C (Auto Reset)
Increasement Counting	SV / 0 / IN / Out / RST			
Decreasement Counting	SV / 0 / IN / Out / RST			

Dual Preset Counter

Mode		N (Manual Reset)	R (Auto Reset)	C (Auto Reset)
Increasement Counting	SV_2 / $(SV_2 - SV_1)$ / 0 / IN / Out_1 / Out_2 / RST			
Decreasement Counting	SV_2 / SV_1 / 0 / IN / Out_1 / Out_2 / RST			

Remarks : SV or SV_2 Are Main Preset Value.

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