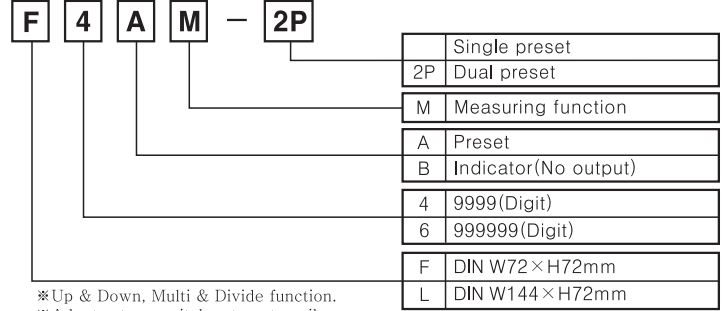
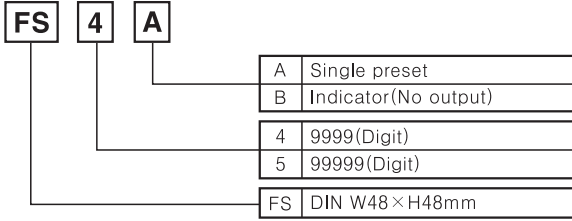


COUNTER(FS, F/L, FM/LM SERIES)

Ordering information



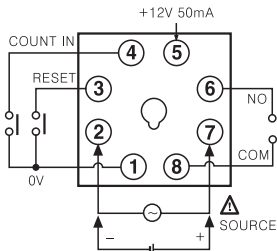
*Up & Down, Multi & Divide function.
*Adopt rotary switches to set easily.

Specifications

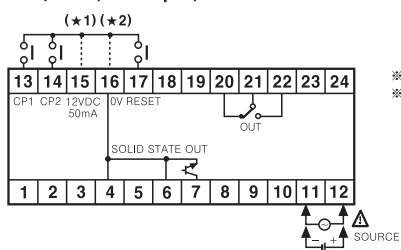
Series	Standard Type				Measure counter			
	FS SERIES		F SERIES	L SERIES	FM SERIES		LM SERIES	
Digit	4	5	8	8	4	6	4	6
Model	FS4A	FS5B	F8A	L8A	F4AM-2P	F6AM-2P	L4AM-2P	L6AM-2P
Model (Indicator)			F8B	L8B	F4BM	F6BM	L4BM	L6BM
Appearances & Dimensions	 [W48×H48×L85mm]	 [W48×H48×L85mm]	 [W72×H72×L113mm]	 [W144×H72×L112mm]	 [W72×H72×L112mm]	 [W72×H72×L112mm]	 [W144×H72×L112mm]	 [W144×H72×L112mm]
Input operation mode	Count up, Count down input		Count up input, Count down input, Count up/down input					
Power supply	100-240VAC 50/60Hz, 12-24VAC/DC(Option) [90 ~ 110% of Power supply]							
Max. counting speed	Selectable 1cps, 30cps, 2keps, 5keps(by DIP SW)							
Input	Count input (CP1, CP2 input)		[No voltage input] • Residual voltage at short-circuit : Max. 1VDC • Impedance at short-circuit : Max. 470kΩ • Impedance at open-circuit : Min. 100kΩ					
Input	Reset input		• Voltage input, No voltage input (PNP, NPN selectable) [Voltage input] Input impedance : 5.4kΩ, "H" level : 5-30VDC, "L" level : 0-2VDC [No voltage input] Impedance at short-circuit : Max. 1kΩ, Residual voltage at short-circuit : Max. 2VDC, Impedance at open-circuit : Min. 100kΩ					
Control output	Contact	Type	SPST(1a)	SPDT(1c)		Single preset type:SPDT(1c) Dual preset type: 1st output:SPST(1a), 2nd output:SPST(1a)		Single preset type:SPDT(1c) Dual preset type: 1st output:SPDT(1c), 2nd output:SPDT(1c)
	Capacity	250VAC 3A resistive load		250VAC 3A resistive load				
Solid-state	Type	NPN open collector		NPN open collector		Single preset type : NPN open collector Dual preset type : 1st output NPN open collector, 2nd output NPN open collector		
	Capacity	30VDC, 100mA Max.		30VDC 100mA Max.				
One shot output time	0.05 ~ 5sec				Single preset type : 0.5sec fixed, Dual preset type : 0.05~5sec			
Memory protection	10 years(When using nonvolatile semiconductor memory)							

Connections

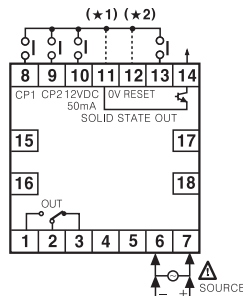
FS4A / FS5B(No output)



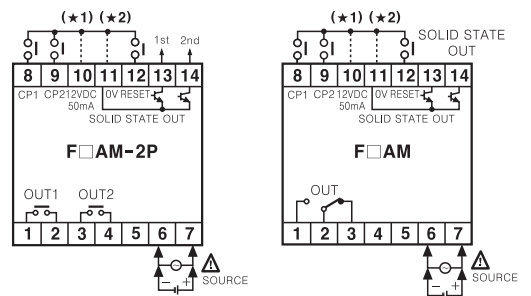
L8A / L8B(No output)



F8A / F8B(No output)



F4AM / F6AM-2P / F6BM(No output)



L4AM-2P / L6BM(No output)

