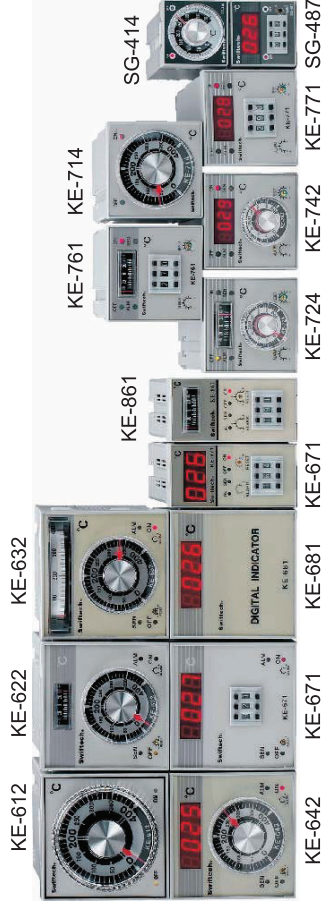


Temperature Controllers



Features

- Rugged, cost-effective and easy to operate .
- Offer various display and setting models to satisfy different demands.
- Four input and three output types.
- ON-OFF or Proportional control selectable.
- Alarm option.

Specifications

LED size	96 x 96 mm 96 x 96 mm 72 x 72 mm 96 x 48 mm 48 x 48 mm	0.8" (SG-325/SG-525) 0.56" 0.36" 0.52" 0.39"
Control Mode	ON-OFF Proportional	
Input	K(CA), J(IC), PT100Ω(RTD), R(PR)	
Output	Relay Output Voltage Output (SSR / DC 0-12V)	
Accuracy	±1°C Full Scale	
Proportional Band	±2.5% Full Scale	
Cycle Time	Relay : 10 sec. Voltage : 3 sec.	
Ambient Temp.	-10~50°C	
Power supply	AC 110/220V、220/380V (SG-414/487 AC 85~265V)	
Power Consumption	Approx. 5W	

Model & Suffix codes

Model	Code		
KC- 612	1	/ 400	K O R
	2	3	4 5 6

- 1 Series SG KE
2 Model no.
Refer Model Table

- 3 Display & Range
Refer Model Table
- 4 Input
K(CA)
J(IC)
PT(RTD)
R(PR)

- 5 Control
O ON-OFF
P Proportional
- 6 Output
R Relay
SSR SSR
4-20mA(642/671)

Model

KE Series						
Set Point	Knob Setting			Analog Setting		
Process Indication	Non-indicator	Deviation meter	Full indication	Deviation meter	3 ½ Digit LED Display	Non-Setting
96 x 96 mm	KE-612	KE-622	KE-632		KE-671	3 ½ Digit LED Display KE-681
72 x 72 mm	KE-714	KE-724		KE-761	KE-771	
96 x 48 mm				KE-861	KE-871	
SG Series						
Set Point	Knob Setting			Analog Setting		
Process Indication	Non-indicator	Deviation meter	Full indication	Deviation meter	3 ½ Digit LED Display	Non-Setting
96 x 96 mm	SG-612	SG-622	SG-632	SG-661	SG-671	3 ½ Digit LED Display SG-681
72 x 72 mm	SG-714	SG-724		SG-761	SG-771	
96 x 48 mm				SG-861	SG-871	SG-881
48 x 48 mm	SG-414				SG-487 (3 digit)	
Input	K, J, P, 100Ω					
Range	0-100°C	0-100°C	0-100°C	0-99.9°C	0-99.9°C	0-100°C
	0-200°C	0-200°C	0-200°C	0-199°C	0-199°C	0-200°C
	0-400°C	0-400°C	0-400°C	0-399°C	0-399°C	0-400°C
	0-600°C	0-600°C	0-600°C	0-599°C	0-599°C	0-600°C
	0-1200°C	0-1200°C	0-1200°C	0-999°C	0-999°C	0-1200°C

External dimensions

Dim.	A	B	C	D	E	F	G	H
96 x 96 mm	91	91	106	111	114	101	91	14
72 x 72 mm	67	67	82	87	110	100	67	14
96 x 48 mm	45	91	106	65	114	101	91	14
48 x 48 mm	45	45	60	65	95	81	45	14

