DIGITAL THERMOSTATS & DIGITAL HUMIDISTAT

Type ULE & FLE

SAGInoMIYA

GENERAL DESCRIPTION

- Large LED, easy to see
- Back up memory on power failure
- Easy operation with a combination of setting knob and △▽ keypads
- Either for wall or panel mounting.
- Power source voltage: 85 to 264V. AC 50/60Hz
- Relay output: 250V. AC, 6A ($\cos\phi$ = 0.7)
- Ambient temperature: Controller... − 10 to 50°C
  Humidity sensor...0 to 50°C

Type ULE

Type FLE

TYPE NUMBER SELECTION (SPECIFICATIONS)

Type ULE – Digital Thermostats

Unit: °C

Catalog No.	Temp. Set Range	Differential	Temp. Indication	Function	Sensor Part No. (Standard)	Wt. (kg)
ULE-SD11-011	−50 to 30	Min. 0.5	−55 to 40	Standard	TEK-83H609 with 2m lead	0.2
ULE-SD12-011				2 Step		
ULE-SD13-011				Hi/Lo Limit with time delay		
ULE-SD21-011	0 to 100		0 to 110	Standard	TEK-83H601 with 2m lead	
ULE-SD22-011				Hi/Lo Limit with time delay		
ULE-SD23-011				2 Step		

・ Temperature sensor type TEK-83H609 or TEK-83H601, sensor holder and panel mounting brackets are supplied as standard accessory.

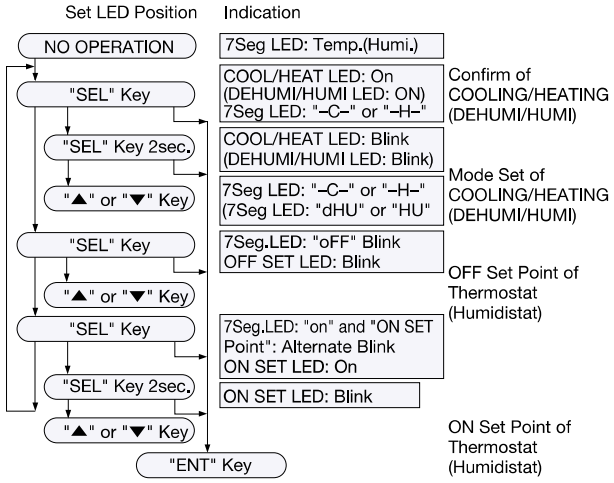
Type FLE – Digital Humidistat

Unit: %RH

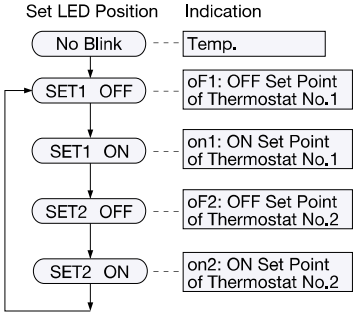
Catalog No.	Humidity Set Range	Differential	Humidity Indication	Calibration	Sensor Part No.	Wt. (kg)
FLE-SD11-011	30 to 90	Min. 3	20 to 99	±10	HEK-I1R001	0.3

MODE & SETTING

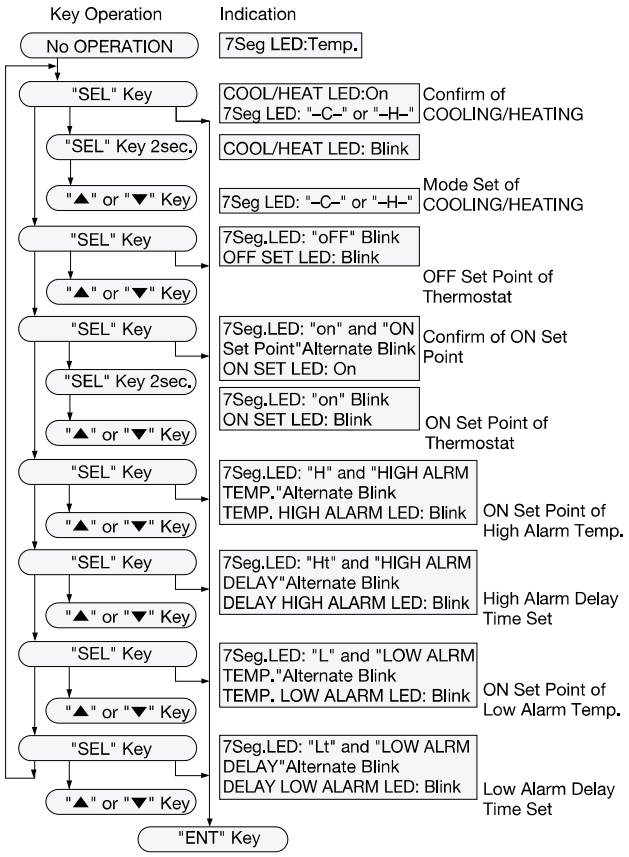
STANDARD MODEL



2 STEP MODEL



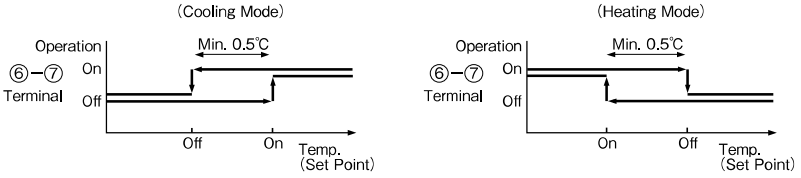
HI/LO LIMIT WITH TIME DELAY



OPERATION

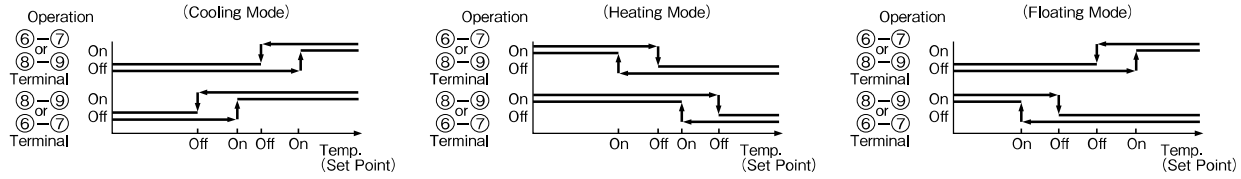
Type ULE – Digital Thermostats

STANDARD MODEL

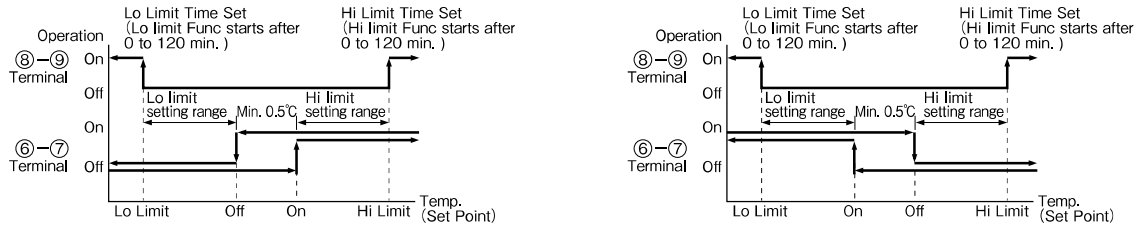


- Free to set On/Off set point independently within the range.
- When Off set point is changed, On set point automatically shifts. (Diff. remains same)
- When On set point is changed, Off set point remains unchanged. (Diff. changes)

2 STEP MODEL

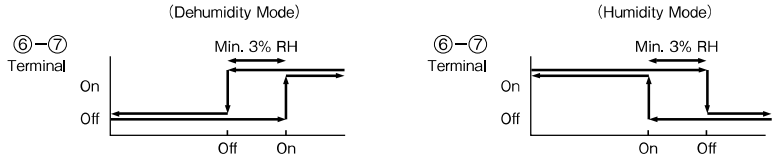


Hi/Lo LIMIT W/TIMER MODEL



- Hi/Lo limit output is reset manualy (Push reset: Push ENT Key in 2 sec or power off)
- Delay Timer can be set in the time range from 0 to 120 min respectively.

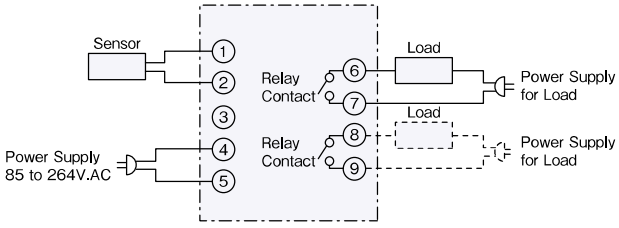
Type FLE – Digital Humidistat



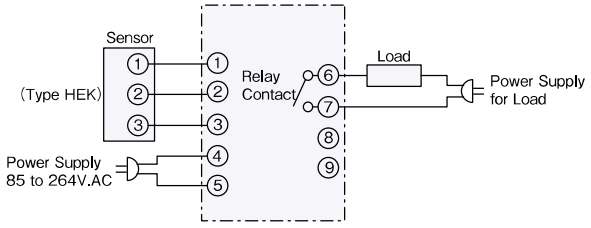
- Free to set On/Off set point independently within the range.
- When Off set point is changed, On set point automatically shifts. (Diff. remains same)
- When On set point is changed, Off set point remains unchanged. (Diff. changes)

WIRING DIAGRAM

Type ULE



Type FLE



⑥–⑦: STANDARD, 2 STEP & Hi/Lo Model Control Output

⑧–⑨: 2 STEP Control Output Hi/Lo Limit Alarm Output