

EL3000 SERIES 100mm CHART ANALOG RECORDER (DOT PRINTING TYPE)



EL3000 series is a dot printing type analog recorder sized 144x144mm with 100mm width chart.

The unit starts recording as soon as the power supply and input are connected and it is also easy to operate.

Scale plate, input range and function of the recorder can be selected for various purpose and applications as many kinds of options are prepared.



FEATURES

● Universal power supply

Universal power supply with voltage range of 100 to 240V AC (50/60Hz) is applied.

● Linear temperature scale

Temperature scale of thermocouple and resistance thermometer input is a linear scale that is excellent in reading indication value.

● Standard 6 chart speeds

6 chart speeds (5,10,20,40,80,160mm/h) are switchable as standard.

5 chart speed and hour/minute change are prepared as option.

● Alarm setting (common alarm) as standard

Higher and lower limit alarm can be programmed for every point. Alarm value is easy to be programmed by pointer location.

You can check the alarm by front LED lighting.

Alarm output is prepared as option.

● CE marking

The EL recorder is conformed to the rules of safety standards of CE.

● Unit structure and light-weight

Light-weight (50% of the previous unit weight) was realized by easy maintenance unit structure.

● Employing removable type terminal board

Employing easy connecting removable type terminal board.

MODELS

EL3D -

Input point

- 1 : 1 point
- 2 : 2 points
- 3 : 3 points
- 6 : 6 points

Input signals

- 5 : Thermocouple/DC voltage
- 7 : Resistance thermometer
Thermocouple with burnout/
DC voltage
Built-in voltage divider input (option)*1

Input and scale plate(option)*2

- 0 : Standard input
+ standard scale plate
- 1 : Non-standard input
(Including current input, and built-in
voltage divider) + standard scale plate
- 2 : Standard input + non-standard scale plate
- 3 : Non-standard input
(Including current input, and built-in
voltage divider) + Non-standard scale plate

Alarm output

- 0 : None
- 1 : 2 alarm outputs

Chart speed and burnout*3

- 0 : Standard 6-speed + burnout disabled
- 1 : Standard 6-speed + up-scale burnout
- 2 : Standard 6-speed + down-scale burnout
- A : Standard 5-speed hour / minute change
+ burnout disabled
- B : Standard 5-speed hour / minute change
+ up-scale burnout
- C : Standard 5-speed hour / minute change
+ down-scale burnout

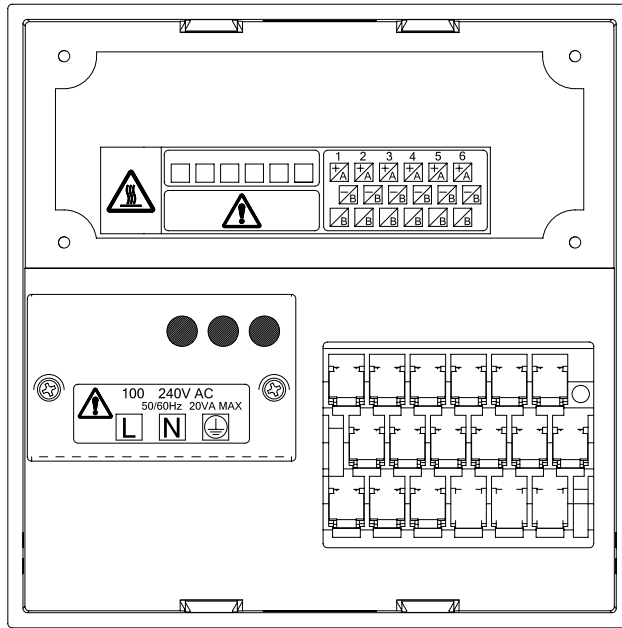
*1 : Optional built-in voltage divider and thermocouple / resistance thermometer burnout input is only type "7".

*2 : Double scale is available.

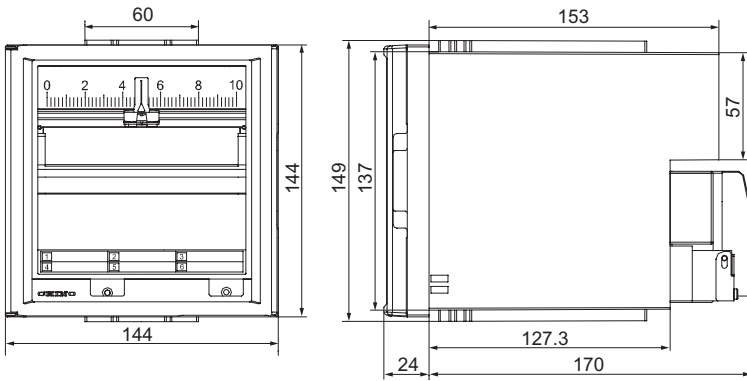
Input and scale selection are needed for non-standard input and non-standard scale plate.

*3 : Burnout on all channels is programmed together for thermocouple / resistance thermometer input.

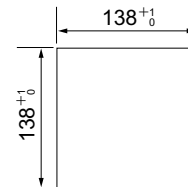
■ TERMINAL BOARD



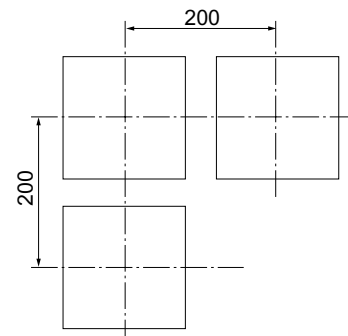
■ DIMENSIONS



● Panel cutout



● Minimum clearance for plural installation



Unit : mm

Specifications subject to change without notice. Printed in Japan (I) 2015. 4

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