

# Large Digit Display – 200mm digit height

## LD5-SSI and LE5-SSI multifunction timer

The LD5-SSI and LE5-SSI with the 200mm displays are ideal for applications where indications need to be visible at a distance. The instrument can be used with up to 32 bit SSI encoders using Gray or binary outputs. LE5 model versions include Ethernet communications, datalogger memory and web page.

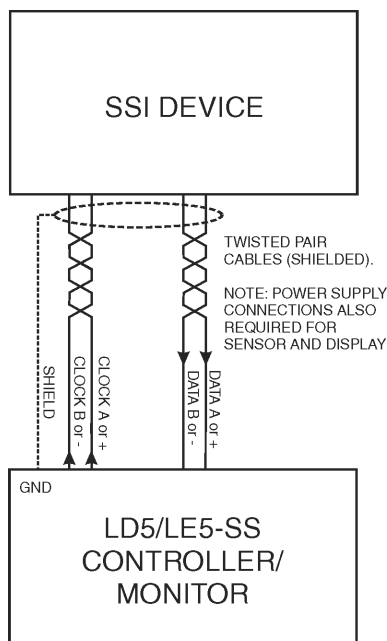
### Display examples



4 digit 200mm Red LED



4 digit 200mm Green LED



### Features

- Visible from 100 metres
- Standard brightness red, green, amber or white LED
- High contrast daylight viewable versions now available in 4 or 6 digit red, green, amber or white LED
- Gray code or binary SSI input (up to 32 bits)
- 140kHz clock frequency
- Versatile scaling methods
- IP65 rated wall mount enclosure, powder coated steel standard, stainless steel optional
- 4 configurable setpoint relays standard rated at 240VAC, 5A into a resistive load
- Pushbutton setup and scaling
- Remote inputs can be configured to one of a wide range of functions including, display hold, peak hold, etc.
- Programmable digital filter for rate display
- Ethernet with web page on LE5 models
- Isolated RS232/RS485 serial communications optionally available. Both RS232 and RS485 are fitted but only once at a time can be used
- The auto-brightness feature for LED displays varies the display brightness to suit the ambient light
- 2 year guarantee
- See separate brochures for 20, 38, 45, 57, 58mm and 100mm display models



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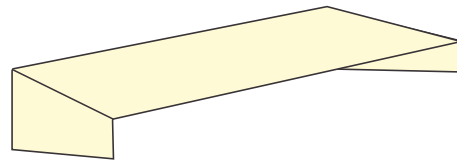
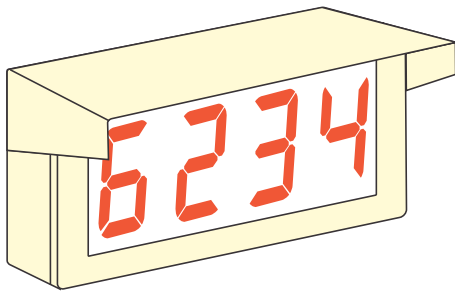
## Specifications

Input:	Selectable Gray or binary SSI up to 32 bits
Clock:	140 kHz
Sensor supply:	5 VDC or 24VDC, <b>(50mA max.)</b>
Ambient temp:	-10°C to 60°C
Humidity:	5% to 95%
Display types:	200mm 4 digit red LED (green, amber or white standard brightness available to special order) or Red, Green, Amber or white high contrast versions See separate brochures for other display sizes
Power supply:	See order code table (type is factory configured)
Power usage: (standard brightness)	AC supply 50VA max, DC supply typically 1.3A at 24VDC (plus current for sensor if on board supply is used)
Outputs (standard):	4 x relays, (1 x form C, 3 x form A), rated at 240VAC, 5A resistive
Outputs (optional):	See order code table (type is factory configured)
Relay action:	Programmable N.O. or N.C.
Environmental rating:	IP65
Weight:	13kg
Dimensions:	850 x 360 x 155mm

## Optional shrouds

Shroud kits for 200mm displays are made from a single piece of powder coated zinc coated steel to match the metal enclosures.

The overhang of the shroud is 150mm.

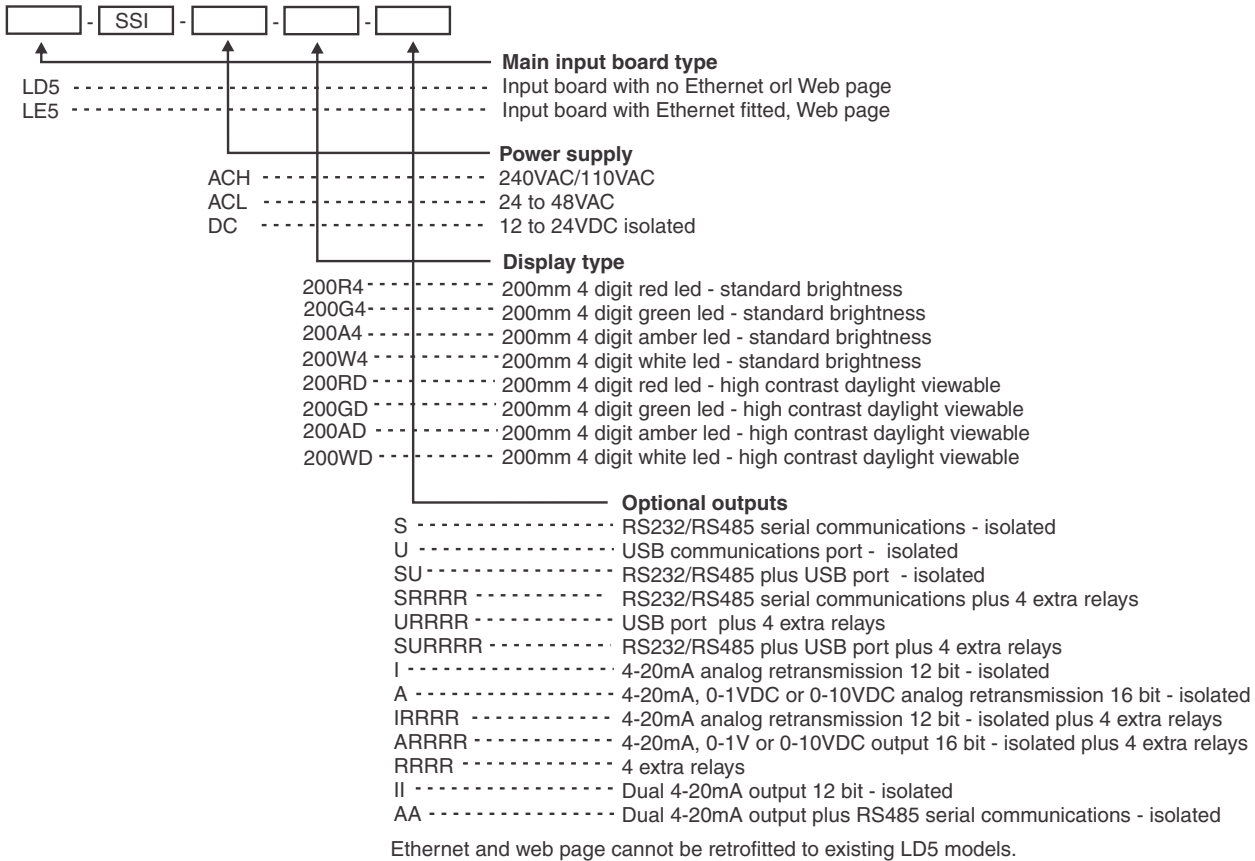


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## Order codes for 200mm displays

The last two sections are for optional items (if required).

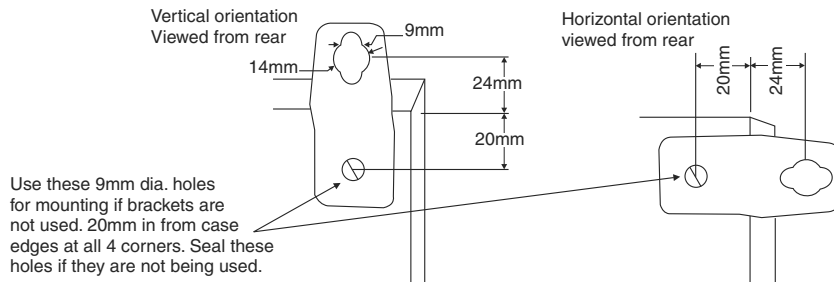
Optional outputs are factory configured.



## Mounting brackets

The 100mm models are shipped with 4 metal brackets and mounting hardware.

The diagrams illustrate vertical and horizontal installation of these brackets. If mounting without the brackets, then the 9mm diameter case holes provided for the brackets can be used as alternative mounting holes. If the brackets are not used in mounting, then these holes should be sealed against dust and water.



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