

# Large Digit Display – 100mm digit height

## LD5-RS and LE5-RS serial input displays

The LD5-RS and LE5-RS with the 100mm displays will be ideal for applications where indications need to be visible at a distance. LE5 model versions include Ethernet communications web page. High contrast versions, viewable even in bright sunlight are available in red, green, amber or white.

### Display examples



4 digit 100mm Red LED



4 digit 100mm Green High Contrast (S/S Case)



6 digit 100mm Green High Contrast



6 digit 100mm Red LED

### Features

- Visible from 50 metres
- Standard brightness red LED
- High contrast daylight viewable versions now available in 4 or 6 digit red, green, amber or white LED
- RS232 or RS485 models (ASCII, Modbus RTU or NMEA)  
Ethernet model uses Ethernet address, Port 10002
- 300 baud to 38.4k baud
- Up to 4 address characters can be used to select display when used in multi drop RS485
- 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 zero, display hold, peak hold, etc.
- Programmable digital filter for rate display
- Ethernet with web page on LE5 models
- Isolated RS232/RS485 output 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 200mm display models



LD5RS100-1.0-0

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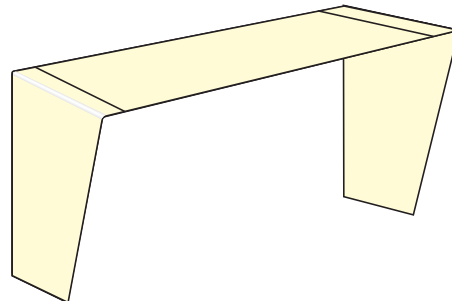
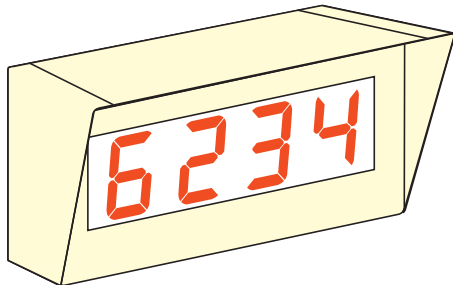
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## Specifications

Input:	RS232 or RS485 (input type is factory configured)
Baud rate	Selectable 300 baud to 38400 baud
Ambient temp	-10°C to 60°C
Humidity	5% to 95%
Display types:	100mm 4 or 6 digit red LED 100mm 4 or 6 digit red, green, amber or white high contrast LED See separate brochures for other display sizes
Power supply:	See order code table (type is factory configured)
Power usage:	DC supply: typically 300mA at 24VDC for 4 digit standard LED displays (1A peak), typically 450mA at 24VDC for 6 digit standard LED displays (1.5A peak), typically 600mA at 24VDC for 4 digit high contrast LED displays (1A peak), typically 900mA at 24VDC for 6 digit high contrast LED displays (1.5A peak), (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:	4 digit displays 10.5kg, 6 digit displays 13.5kg
Dimensions:	4 digit displays 450 x 250 x 155mm 5 digit displays 520 x 250 x 155mm 6 digit displays 650 x 250 x 155mm

## Optional shrouds

Shroud kits for 100mm displays consist of 2 side panels, a top plate (length is model dependant) and fixing hardware. The overhang of the shroud is 90mm for all models. The shrouds are of powder coated zinc coated steel to match the metal enclosures.



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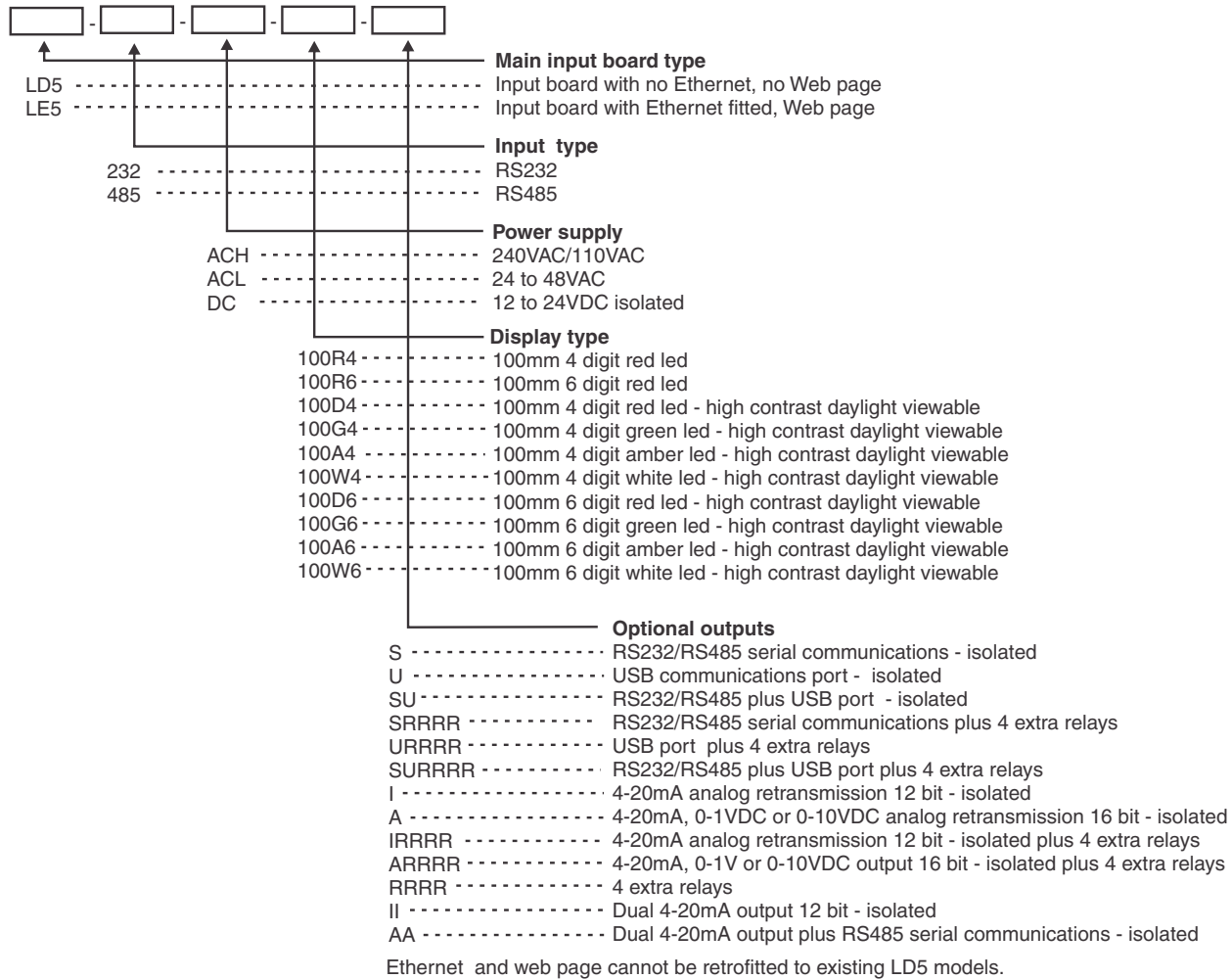
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## LD5-RS order codes for 100mm displays

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

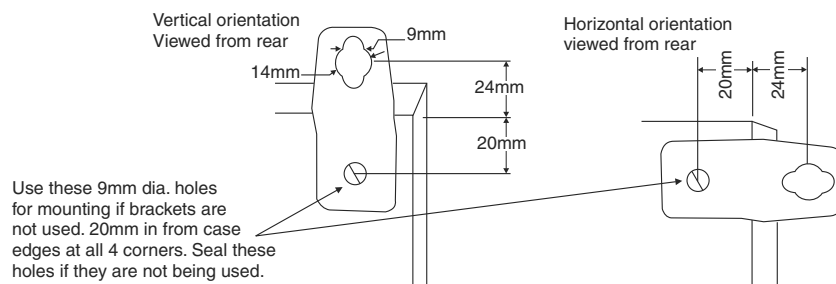
Optional outputs are factory configured.



## 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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