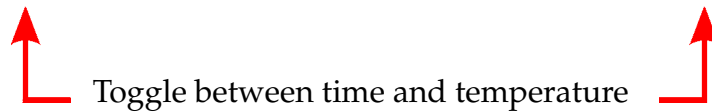


# Large Digit Display – 100 & 200mm digit height

## LD5-RTT and LE5-RTT Range

### Clock and temperature display



Toggle between time and temperature

200mm display shown

#### Description

The LD5-RTT and LE5-RTT range of large digit displays are clock displays with the facility to attach a temperature sensor for time and temperature display if required. The length of time the temperature is displayed and the length of time the time is displayed is adjustable by the user.

LE5 model versions include Ethernet communications.

Clock synchronisation can be set to be from either the unit's internal clock generator, the 50Hz mains frequency, the 60Hz mains frequency or an optional GPS satellite receiver or NTP (LE5 version only).

The large digit display is equipped with an auto brightness feature. This adjusts the brightness of the display to allow for changes in ambient light. This feature will minimise display glare in low ambient light conditions.

The displays are housed in rugged, IP65 rated, powder coated steel enclosures, stainless steel optional.

#### Features

- Standard brightness 4 digit 100mm or 6 digit 100mm Red LED
- Standard brightness 4 digit 200mm Red, Green, Amber or White LED
- High contrast 4 digit 100mm, 6 digit 100mm or 200mm Red, Green, Amber or White LED
- Visible from 50 metres (100mm display) or 100 meters (200mm display)
- 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
- Auto daylight saving adjustment
- Pushbutton setup
- Isolated RS232/RS485 serial communications optionally available. Both RS232 and RS485 are fitted but only one 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 38, 45, 57, 58mm display models



LD5RTT100-1.0-0

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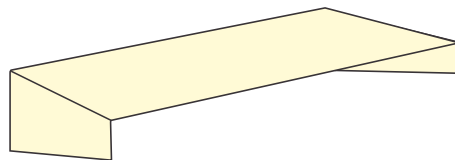
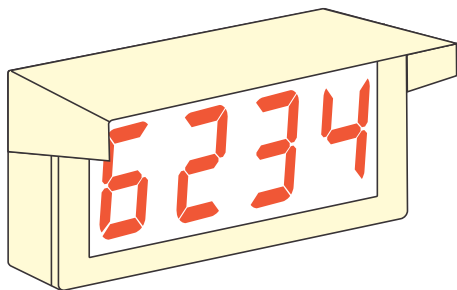
e-mail: sales@aicpl.com.au  
Internet: www.aicpl.com.au

## Specifications

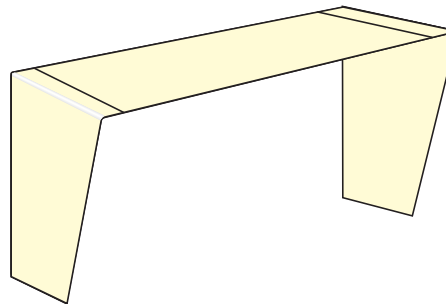
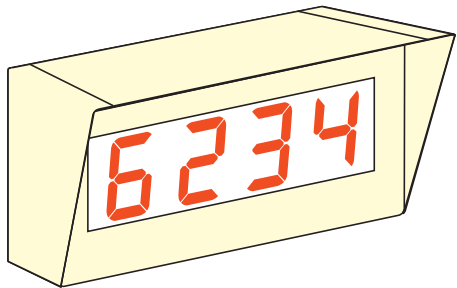
|                       |  |
|-----------------------|--|
| Display types:        | 100mm 4 or 6 digit Red LED<br>200mm 4 digit red LED (green, amber or white standard brightness 200mm available to special order)<br>or 100 and 200mm Red, Green, Amber or white high contrast versions<br>See separate brochures for other display sizes |
| Ambient temp          | -10°C to 60°C  |
| Humidity              | 5% to 95%  |
| Power supply:         | See order code table (type is factory configured)  |
| Power usage:          | AC supply 50VA max,<br>(standard brightness) DC supply typically 1.3A at 24VDC   |
| 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:         | Set day, switch on time and duration and select relay  |
| Environmental rating: | IP65   |
| Weight:               | 100mm 4 digit 10kg, 100mm 6 digit 14kg, 200mm 4 digit 14kg   |
| Dimensions:           | 100mm 4 digit 450 x 250 x 155mm, 100mm 6 digit 650 x 250 x 155mm<br>200mm 4 digit 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.



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. The shrouds are of powder coated zinc coated steel to match the metal enclosures.



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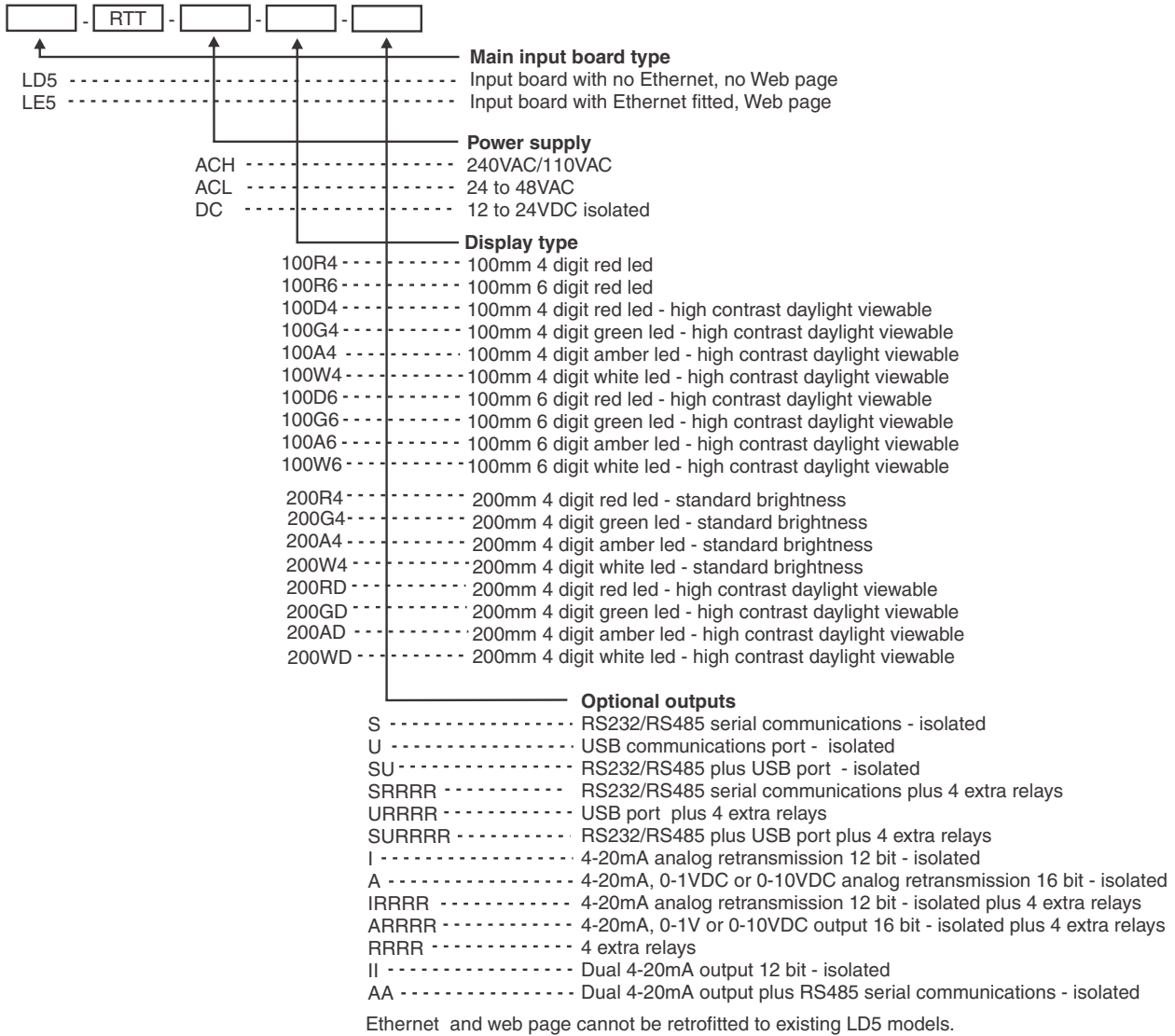
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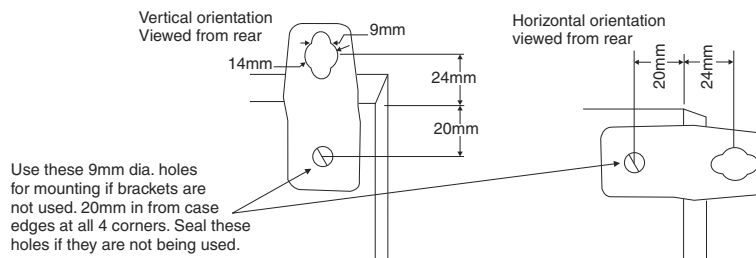
# LD-RTT order codes for 100mm and 200mm displays

The last two sections are for optional items (if required).  
Optional outputs are factory configured.



## Mounting brackets

The 100 and 200mm 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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