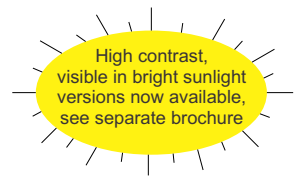


# Large Digit Display – 200mm digit height

## LD5-TMR and LE5-TMR multifunction timer



### Description

The LD5-TMR and LE5-TMR range of large digit displays has a variety of timing modes available.

LE5 model versions include Ethernet communications and web page.

Flexible timing modes allow single event timing with automatic or manual reset or accumulating timing e.g. "Hours run".

The display can be set for count up or count down timing. A preset input can be used to reset the display to a preset time for down timing.

The input type and selection of operating mode, alarm settings, etc. are all carried out using the push buttons on the main board of the instrument.

The 200mm LED digit displays are housed in rugged, IP65 rated, powder coated steel enclosures (stainless steel case optional).

### Applications

- Stopwatch display
- Hours run display
- Up timer display
- Down timer display

### Features

- Standard brightness 4 digit 200mm Red LED Green, Amber or White to special order
- High contrast 4 digit 200mm Red Green, Amber or White LED
- Visible from 100 metres
- Versatile timing modes
- Single event or accumulated time
- Up or down timing or stopwatch operation
- Display configurable from seconds, minutes and seconds etc. to days 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
- Relays can be set to operate from high and/or low value
- Remote reset or automatic reset modes
- 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
- 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 38, 45, 57, 58mm and 100mm display models



LD5TMR200-1.2-0

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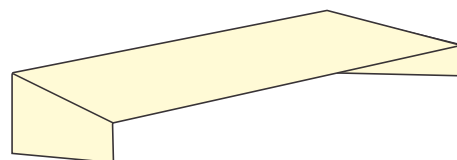
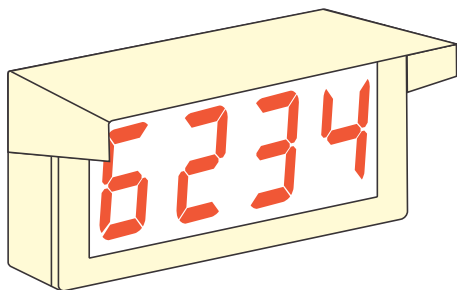
## Specifications

Timer input:	Selectable types inc: NPN, PNP, switch contact, magnetic pickup, output from TTL, CMOS, square wave, Namur
Reset/preset input	Voltage free switch contact or up to 24VDC signal
Stop input	Voltage free switch contact or up to 24VDC signal
Memory	Battery backed time memory
Input Impedance	1M $\Omega$ standard or 12k $\Omega$ in attenuated input mode
Sensor supply	5 VDC or 12 or 24VDC, pushbutton selectable (50mA max.)
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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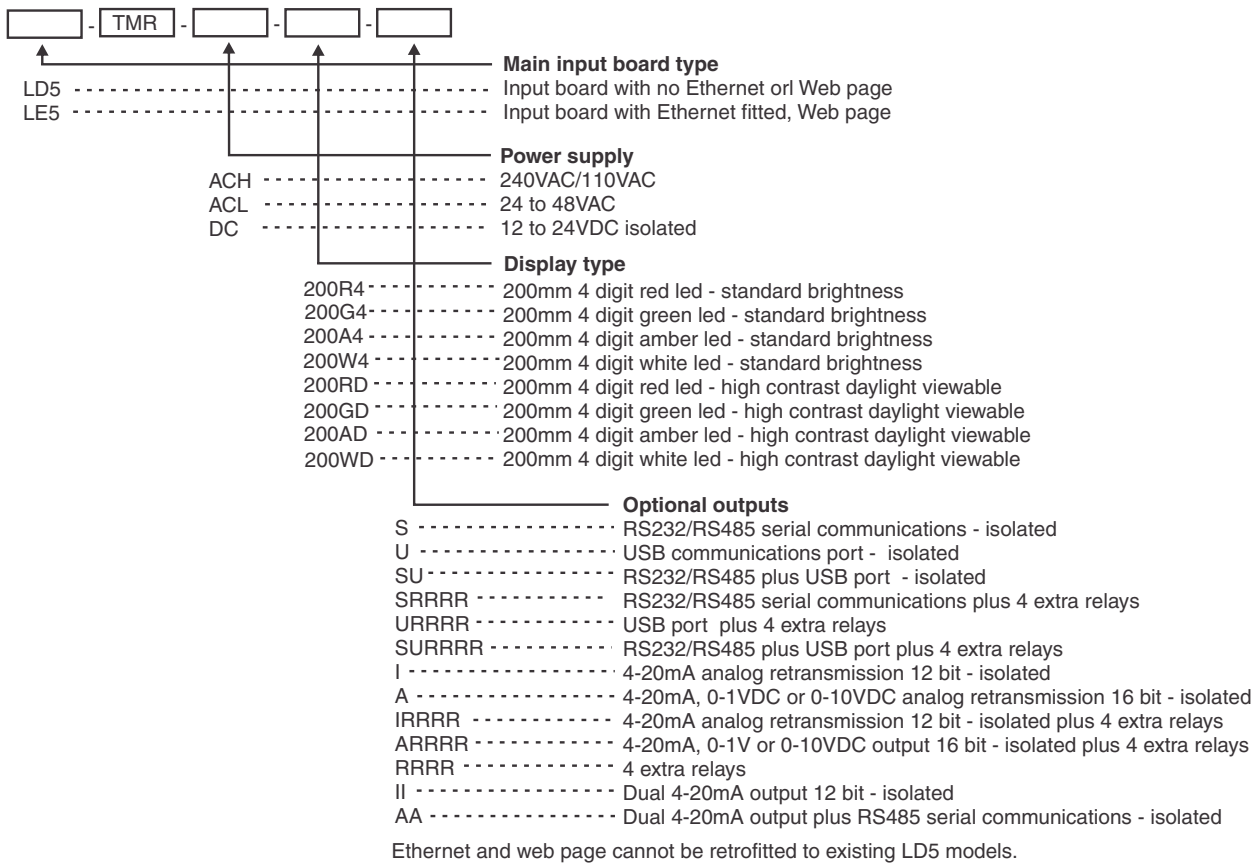
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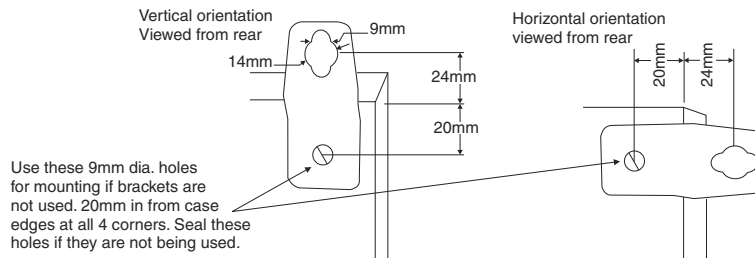
## LD5-TMR order codes for 200mm displays

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



## Mounting brackets

The 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.



LD5TMR200-1.2-0