

Large Digit Display – 200mm display height

LD-BC - BCD, Binary or Gray Code input



Description

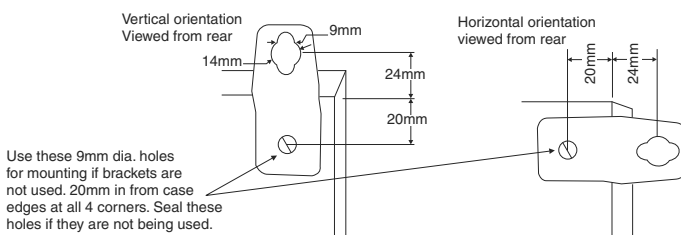
The LD-BC large digit displays accept standard BCD, Binary or Gray Code input signals in either parallel (up to 16 bit), strobed or addressed modes. The displays are ideal for applications where load, pressure, weight, rate, temperature, position etc. indications need to be visible from a distance.

Special BCD operation modes allow certain non-numeric characters, e.g. \square , to be displayed for the non BCD characters 1010 to 1111.

In Binary mode the input may be up to 16 bit binary or 15 bits plus a strobe line. Active high or active low input data can be selected for BCD and binary inputs.

The instruments feature flexible pushbutton programming. Set up functions are easily adjusted using "on display" message prompts. This allows functions such as decimal point position, display brightness, operation mode etc. to be easily set.

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.



Features

- Visible from 100 metres
- 4 digit 200mm Red LED
- BCD or Binary or Gray code input
- Active high or low input selectable
- Selectable display update rate
- Up to 16 bit parallel input or addressed or strobed input
- IP65 rated wall mount enclosure, powder coated steel standard, stainless steel optional
- Special mode allows display of some alpha characters e.g. \square
- Display value can be shifted via 2 point scaling
- Pushbutton setup
- RS232 or RS485 serial communications optionally available
- 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, 57mm and 100mm display models



LD-BC200-4.0-0

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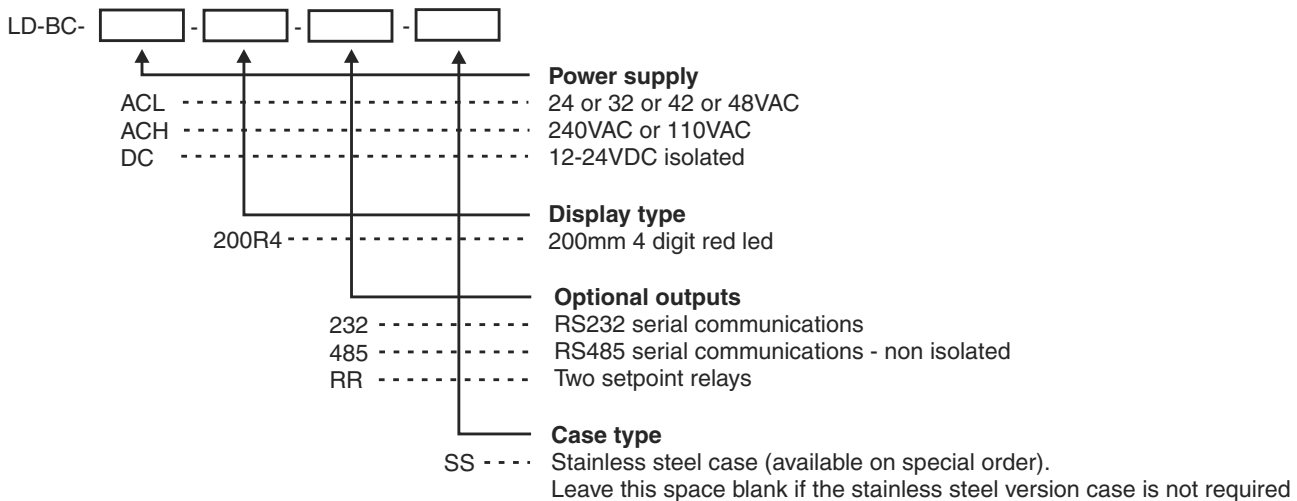
e-mail: sales@aicpl.com.au
Internet: www.aicpl.com.au

Specifications

Input types	Up to 16 bit parallel binary, BCD or Gray Code Parallel Strobed or addressed Special "scaled" input mode Special "weighted" binary input
Input levels	Voltage free switch contact closure or 0 to 5VDC or 0 to 12-24VDC or 0 to 24-48VDC signal (factory configured)
Display	200mm red led
Input logic	High or low selectable
Decimal point	User selectable or selectable via remote inputs for BCD inputs
Microprocessor	MC68HC11 CMOS
Ambient temperature	-10°C to 60°C
Humidity	5% to 95%
Size:	850 x 360 x 155mm
Weight:	13kg
Power Supply	See order code table (type is factory configured)
Power Consumption	AC supply: 15VA max, DC supply: depends on supply voltage, typically 1.3A for 24VDC

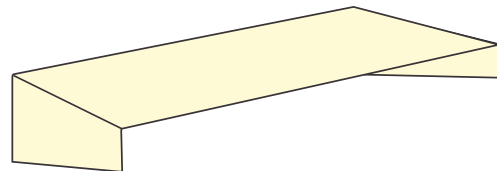
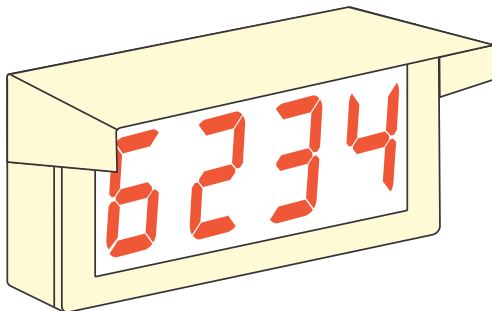
LD-BC order codes for 200mm displays

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



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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