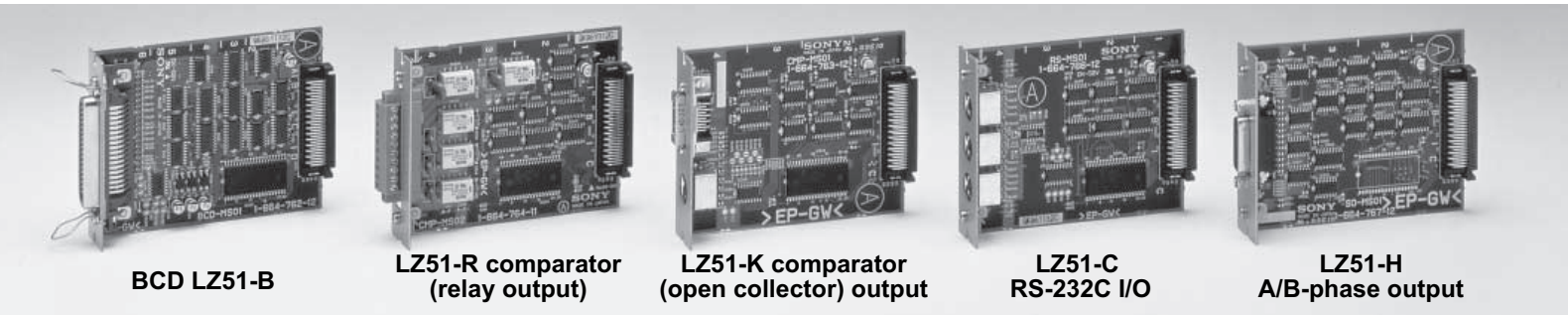
LZ51 Expansion boards (for LY51)



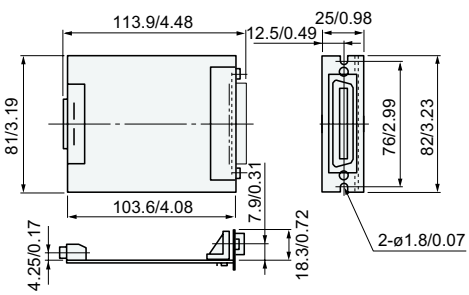
BCD LZ51-B | LZ51-R comparator (relay output) | LZ51-K comparator (open collector) output | LZ51-C RS-232C I/O | LZ51-H A/B-phase output

Five boards as shown are available and up to three boards can be installed at a time. Use of these boards allow the LY51 to provide a sequencer with control data or enable a computer to perform statistical processings or otherwise expands the range of LY51's applications.

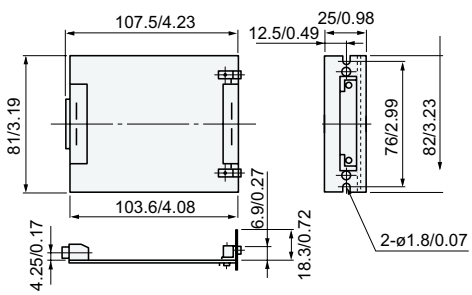
Specifications

Model	LZ51
LZ51-B (BCD unit)	
Output	7-digit parallel data (4 bits x 7 digits), sign (1 bit), READY signal (1 bit), positive logic or negative logic selectable
Electrical specifications	Sink type open collector output (output voltage Vcs: max. 48V DC, recommended + 5 V DC to 24 V DC; output current Ic; max. 30 mA/terminal, total 300mA)
Latch input	Photocoupler: 5 to 24 VDC, can select "BCD output only latch" or "Both BCD output and display latch"
LZ51-K/R (comparator unit)	Open collector type/relay type
Comparable data	Current value, maximum value, minimum value, peak-to-peak value
Combination of upper limit and lower limit	Up to 16 sets of 1 to 4 selectable
GO/NO GO evaluation	5 point, open collector (maximum 24 VDC), Ic=300 mA, Output IC: SN75468NS 5 point relay out 24 V DC, 120 V AC 0.3A, Relay: Matsushita Electric works, Ltd, ATQ209
External input	5 to 24 VDC photocoupler
Sub Display	When only 1 or 2 comparison reference points are used,they can be displayed in the sub-display
LZ51-C (RS-232C unit)	Asynchronous, start-stop, half-duplex
Transfer rate	600, 1200, 2400, 4800, 9600, 19200 bps
Stop bit	1, 2 bits
Parity	Odd, even, no parity
Data length	7 or 8 bits
Data processing speed	20 data/ s (at 9600 bps)
LZ51-H (A/B phase output unit)	A/B phase output (1st or 2nd axis), differential 75113 and open collector 7407,selected with the initial settings, switched with up/down output

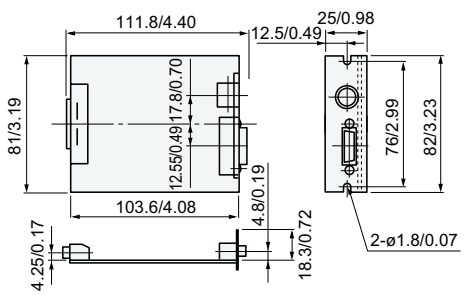
LZ51-B



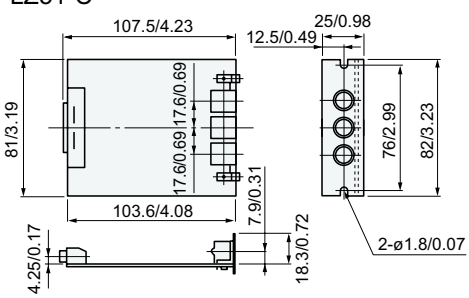
LZ51-R



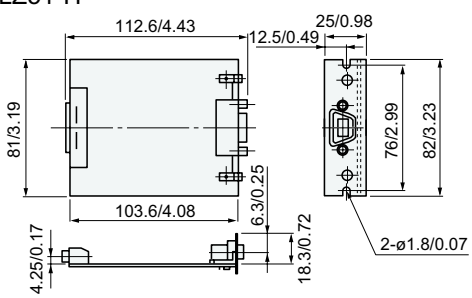
LZ51-K



LZ51-C



LZ51-H



• Other accessories
Please see page 72.

Unit : mm/inch