

# RM-BC DIN Rail Process Unit

## Binary/BCD/Gray Code to SSI converter

### Features

- Binary, BCD or Gray Code input
- Up to 24 bit input
- 12VAC or 12VDC to 24VDC powered (common ground)
- DIN rail mount or circuit board only versions
- 2 year guarantee

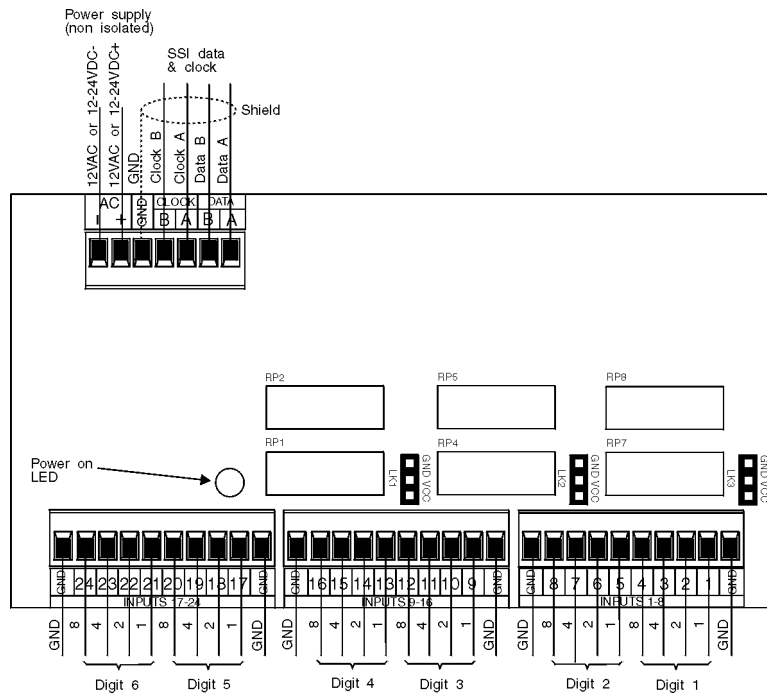
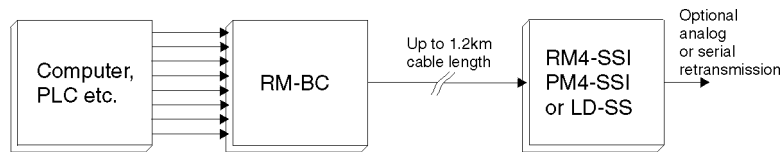


### Order Code:

RM-BC-DCN-SS24	DIN rail mount
SM-BC-DCN-SS24	board without rail mount

### Description

The DIN rail mounted RM-BC converter is designed to be used with model PM4-SSI, RM4-SSI or LD-SS display units. The instrument will accept binary, BCD or Gray code input and will transmit the input as an SSI (synchronous serial interface) signal. The input type is selected at the display unit. The original BCD/binary/Gray signal can be converted to an analog or RS232, RS485 (or in some cases RS422) comms. via optional outputs on the display unit. SSI connections require a twin twisted pair screened cable. Long transmission distances (up to 1.2km) are possible when connecting to an SSI display. The converter provides considerable saving in cable costs when long cable runs are required. Up to 24 bit binary or multiparallel/strobed or addressed BCD or Gray code models are available. BCD, strobe and address input signal may be of the voltage free type or signal voltages up to 48VDC. The converter is also available as a circuit board only for mounting directly onto a base plate.



RMBC-2.0-1

**AMALGAMATED INSTRUMENT CO PTY LTD**

ACN: 001 589 439

Unit 5, 28 Leighton Place Hornsby  
 NSW 2077 Australia

Telephone: +61 2 9476 2244  
 Facsimile: +61 2 9476 2902

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