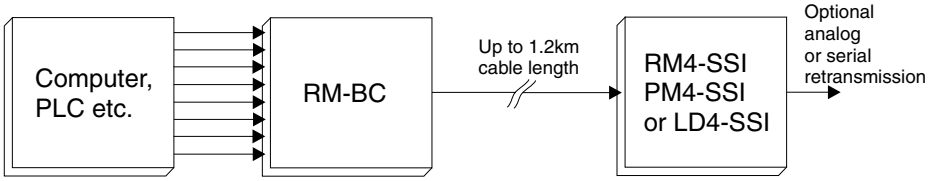
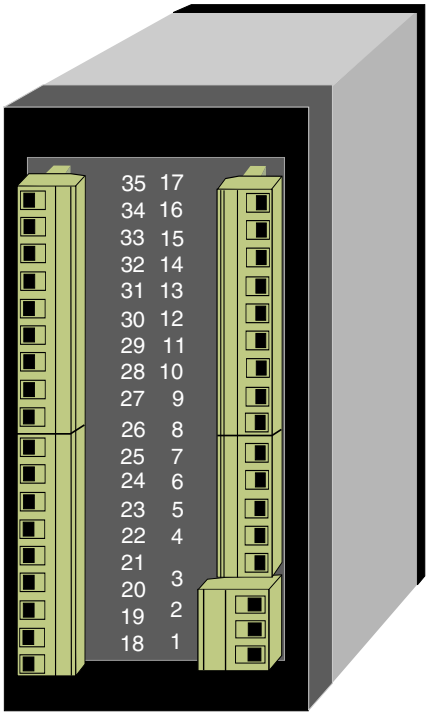
RM4-BC DIN Rail Process Unit

BCD to SSI converter





Description

The DIN rail mounted RM4-BC converter is designed to be used with model PM4-SSI, RM4-SSI or LD4-SSI display units. The instrument will accept BCD 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 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.

8 bit or 24 bit multiparallel/strobed or addressed BCD models are available. BCD, strobe and address input signal may be of the voltage free type or signal voltages up to 48VDC.

Manufactured by a Quality Endorsed Company (AS/NZS ISO 9001:2000 Standards Australia Lic. No. QEC6187) Quality System

AUSBUY AUSTRALIAN MADE & OWNED PROUDLY 100% AUSTRALIAN

EMC COMPLIANT

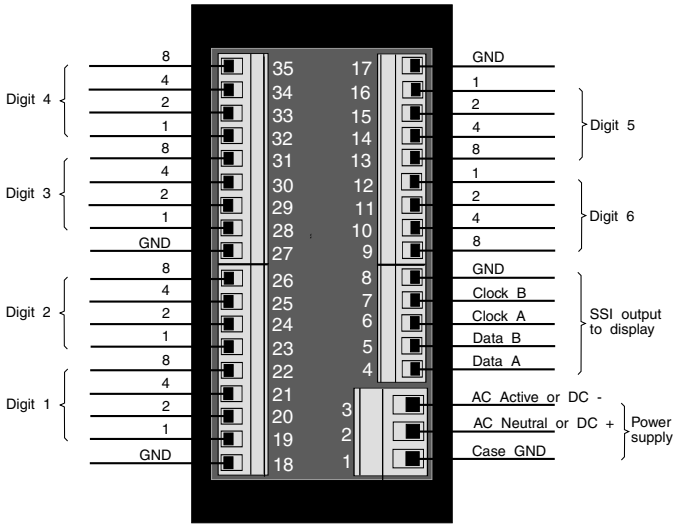
Features

BCD input
8 and 24 bit models
Isolated 240V, 110V, 24V AC, 12 to 48V DC or non isolated 12 to 24V DC operation (factory configured)
Rugged aluminium DIN rail mount housing
2 year guarantee

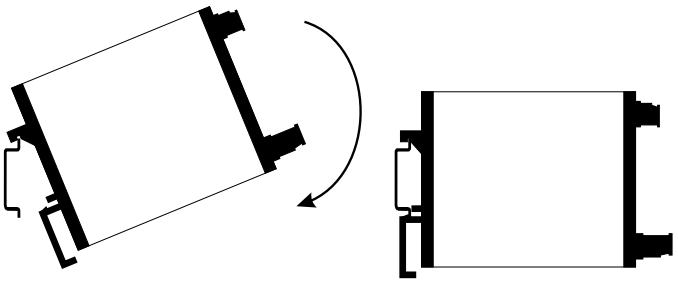
Physical Characteristics

Case size:	44mm x 91mm x 141mm
Connections:	Plug in screw terminals. Max 2.5mm^2 wire (power supply), 1.5mm^2 wire for input and output
Weight:	370 gms (8 bit) 420 gms (24 bit) Specifications are subject to change without notice

Electrical wiring example - 24 bit multiparallel BCD



Installation method



ORDER CODE

RM4-BC- □□□ - □□□□

POWER SUPPLY

RM4-BC- □□□ - □□□□

240 VAC	240
110 VAC	110
24 VAC	24
12 to 48 VDC isolated	DC
12 to 24 VDC non isolated	DCN

INPUT TYPE

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8 BIT INPUT	SS8
24 BIT INPUT	SS24

RM4BC-2.1-0

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