

Fitting an Option Board



Caution. Upgrades to instruments with CSA, UL or FM approval must be carried out at the manufacturing unit. Upgrading an approved instrument at any other location invalidates these approvals and the manufacturer's warranty.

1 Introduction

This information sheet contains instructions for fitting an option board to a COMMANDER 100 Process Controller or COMMANDER 150 Process Indicator. The instructions must be carried out by suitably trained and approved personnel.

Description	Part No.
Single Relay Board	C100/0701
Two-relay, Remote Set Point* and Digital Input Board	C100/0702
Single Relay, Remote Set Point*, Digital Input and MODBUS RS485 board.	C100/0703



Note. The remote set point feature is not functional when this option board is fitted to a C150 Process Indicator.

2 Parts Lists

2.1 Single Relay Board

This option board contains a single relay output.

Description	Part No.	Qty
Option board	C100/0237	1
Ribbon cable assembly	PXR105/0176	1
Terminal compartment	C100/0050	1

2.2 Two-relay, Remote

Set Point and Digital Input Board

This option board provides two relay outputs, remote set point adjustment (C100 only) and a digital input.

Description	Part No.	Qty
Option board	C100/0236	1
Ribbon cable assembly	PXR105/0176	1
Terminal compartment	C100/0050	1

2.3 Single-relay, Remote Set Point, Digital Input and MODBUS RS485 Board

This board provides a single relay output, a digital input, remote set point adjustment (C100 only) and a MODBUS RS485 serial data communications link.

Description	Part no.	Qty
Option board	C100/0235	1
Ribbon cable assembly	PXR105/0176	1
Terminal compartment	C100/0050	1
MODBUS supplement	IM/C100-MOD	1

3 Fitting the Option Board – Fig.1

- Remove the existing terminal chamber from the back of the case and discard.
- Withdraw the instrument from the case.
- Fit the option board, as detailed in Fig. 1.
- Refit the instrument into the case, checking that the orientation of the case and the alignment of the p.c.b.'s is correct.
- Fit the new terminal chamber to the back of the case.

...3 Fitting the Option Board – Fig.1



Caution. These instruments contain static-sensitive components. Observe all necessary anti-static precautions when fitting the option board.

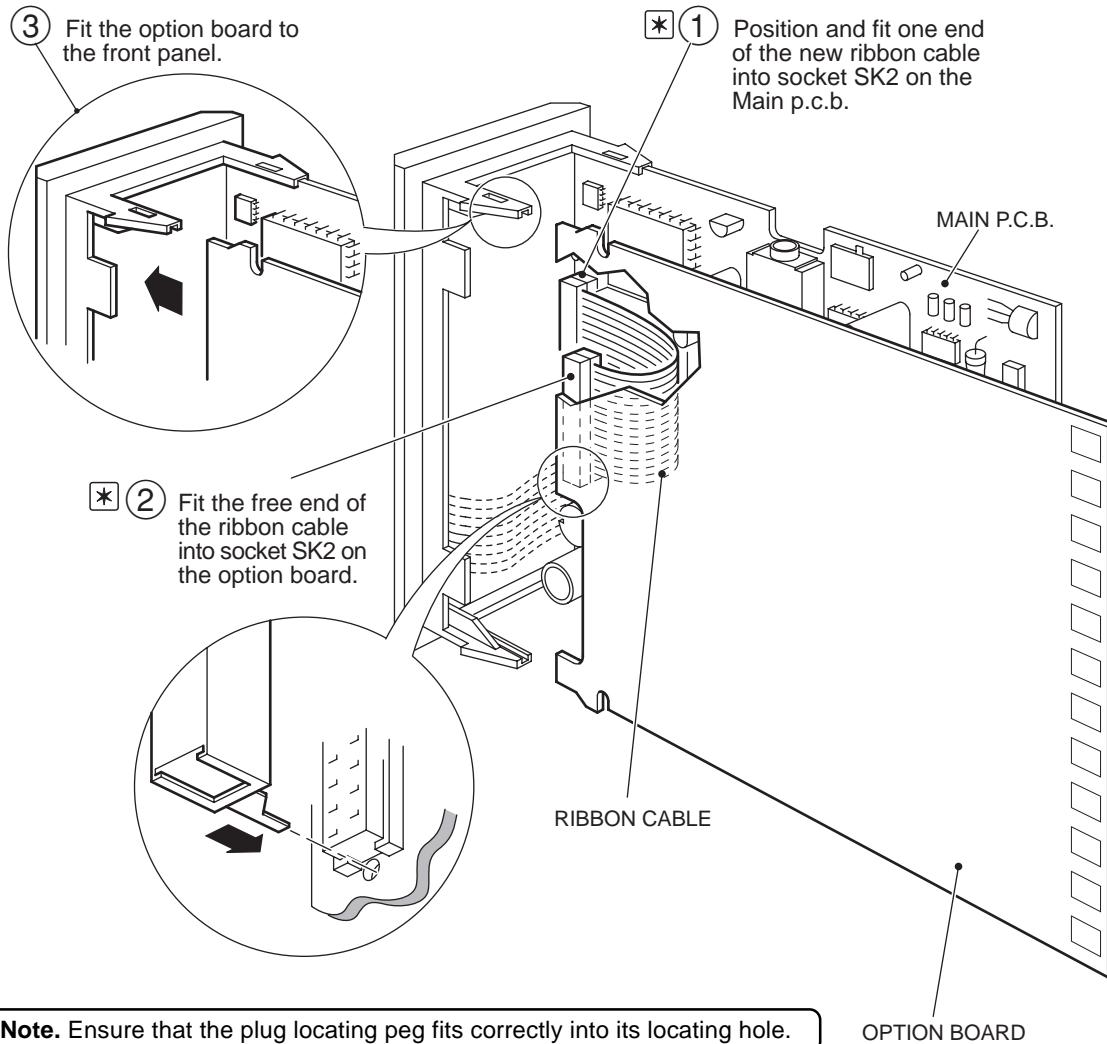


Fig. 1 Fitting an Option Board



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