

PRD/BUSKIT Presscon Bus Termination Kit

NOTE: This information is additional to “Presscon General Information” found on the Phasefale CD-Rom [tech info-Presscon] which describes the Presscon Databus in detail

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1. INTRODUCTION

The Bus Termination kit is the preferred method of terminating the Presscon Databus. This kit is necessary in all installations where a Pressnet PC is used, as the databus ends at the PC can be unplugged for service (when the Buskit connectors are used) and not affect Presscon operation.

The Termination plugs include a terminating resistor and are colour coded red for quick and easy identification of the databus start and end points.

2. WHERE TO FIT PLUGS

The plugs are fitted at each end of the databus. At one end of the databus (recommended at the switchboard end), the data shield is to be connected to a solid earth connection.

3. USING A PLUG KIT WITH A PRESSNET PC

When using this kit with a Pressnet PC, remove the top casing of the PC and ensure that the Presscon board inside the PC has the termination jumper disengaged (all Pressnet PC supplied after 2005 have the termination jumper disengaged).

4. KIT CONTENTS

Depending on the Presscon System supplied connectors vary:

A. For Presscon supplied with PC the kit contains;

2x Side mount connector (suitable for Multi controllers and Pressnet PC)

1x Top mount connector (suitable for DIN mount style boards- relay, sensor card, interface card)

1x This instruction set.

B. For Presscon NOT supplied with PC the kit contains;

1x Side mount connector (suitable for Multi controllers and Pressnet PC)

2x Top mount connector (suitable for DIN mount style boards- relay, sensor card, interface card)

1x This instruction set.

5. SWITCHBOARD BUILDERS

Referring to the photograph below, please provide the buskit terminals pre wired to the “bus-in “ and “bus-out” terminals as shown, including an earth connection. Ensure one connector of each type, plus an EARTH connection to one end of the shield.

** IMPORTANT **

Presscon DATABUSES which do not have termination resistors at each end properly engaged will almost certainly exhibit communication problems – CHECK your databus is properly terminated!

