

## INSTRUCTIONS FOR CONNECTING A HORSTMANN CENTAURPLUS C17 PROGRAMMER TO A POWERCORD ENG LTD ELECTRONIC TYPE CURTAIN MOTOR

**INTRODUCTION:** The Horstmann C17 single channel 7 day programmer is designed for use on central heating systems and general timer applications. It has single pole change-over volt free contacts that are ideally suited to the electronic inputs of the Powercord 1 or 2 curtain motors.

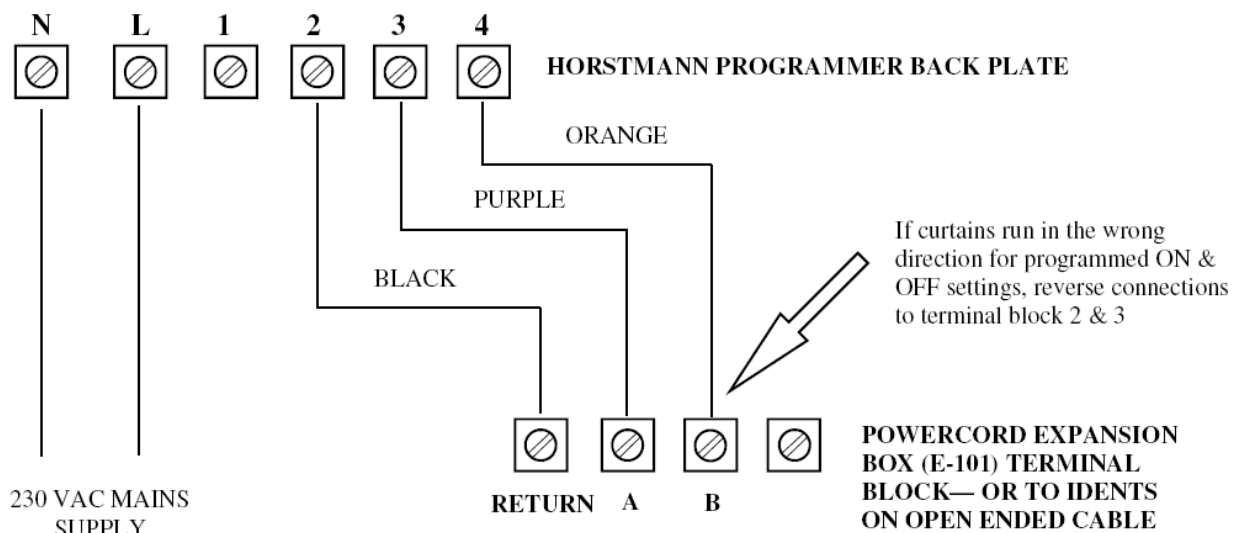
**⚠ The back plate and programmer must be installed in accordance with the Hortsmann instructions supplied and the mains supply to the programmer must be installed by a qualified electrician to the latest IEE regulations as stated in the Horstmann instructions.**

**⚠ NO VOLTAGE SOURCE SHOULD BE CONNECTED TO THE SWITCH CONTACTS WHICH ARE WIRED INTO THE POWERORD UNIT. THESE CONTACT MUST REMAIN VOLTAGE FREE.**

When you are ready to program the unit follow the Horstmann instructions for the operating periods and days required, remembering that 'ON' equals 'OPEN' and 'OFF' equals 'CLOSE'. If, after programming you find that the curtains run in the wrong direction for the 'ON' and 'OFF' settings, simply reverse the two wires into the Powercord unit as shown.

**⚠ ALWAYS DISCONNECT THE MAINS SUPPLY BEFORE REMOVING THE COVER. ALWAYS REPLACE THE COVER BEFORE RECONNECTION TO THE MAINS SUPPLY.**

The 'BOOST' functions is for CH controls and may be ignored, however the 'ADVANCE' button is useful since it will advance the programmer to the next program point, opening or closing the curtains, depending on their current position. The programmer should always be in the 'AUTO' mode after programming is complete. 'OFF' may be selected but selecting this mode may cause the motor to 'OPEN' or 'CLOSE' but after this one-off event the remote control may be used as normal.



## MOUNTING POSITION

Mounting position is largely at the discretion of the customer, but may be driven by the availability of a mains supply, but the following shows a typical installation. If an infra red receiver is not fitted, the 'ADVANCE' button may be used as a manual switch since it always advances the control to the next time setting, so if the curtains are open, pressing 'ADVANCE' will always set the motor to 'CLOSE' and the opposite applies if the curtains are already closed. If the programmer is set to 'OFF' and no infra-red receiver is fitted, the motor cannot be operated.

