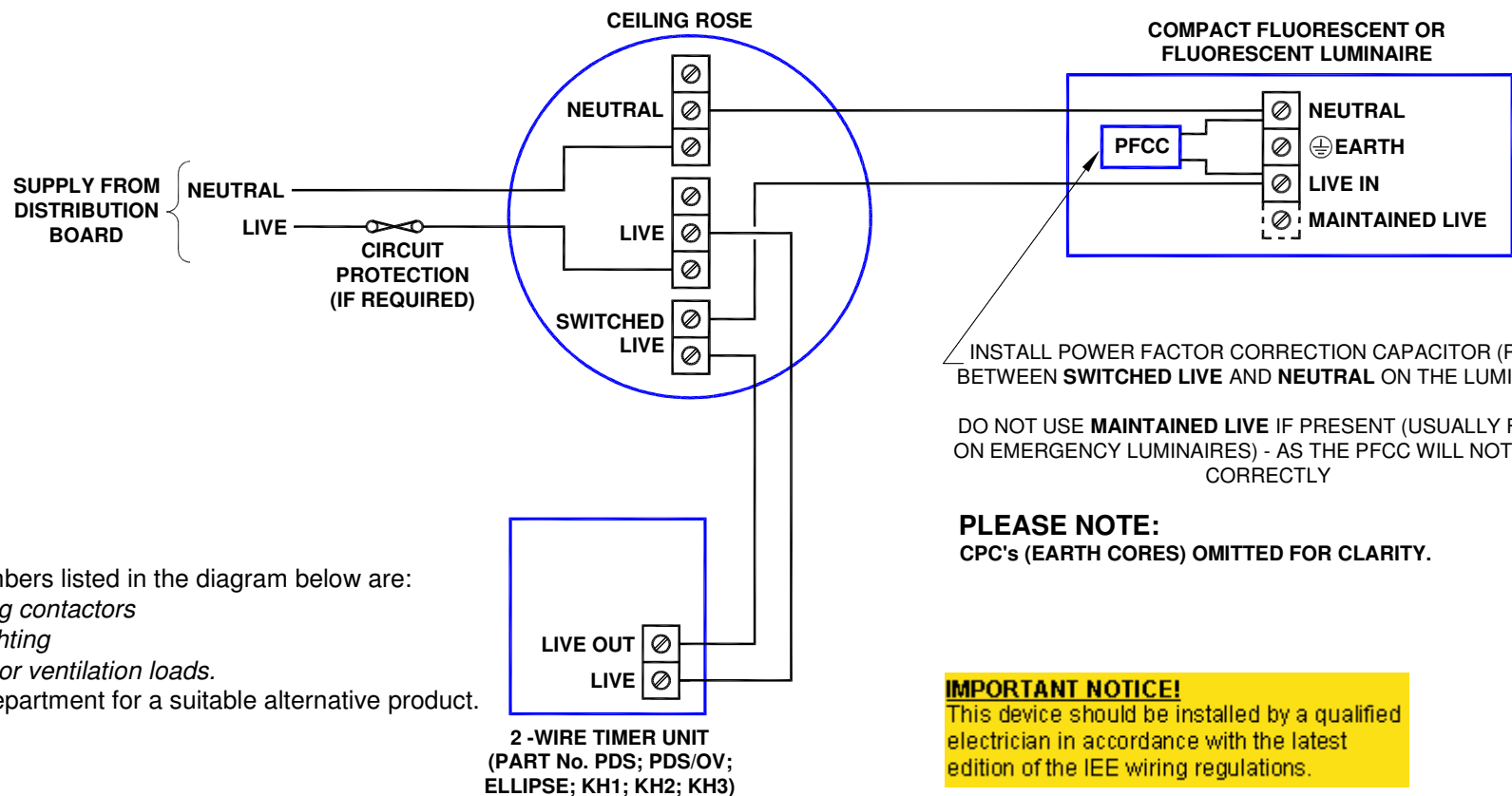


## Installing a Power Factor Correction Capacitor (PFCC) in conjunction with a 2-wire timer

Most fluorescent fittings have power factor correction capacitors fitted. If they are not present the unit may fail the installation procedure, in which case fit one 240Vac rated capacitor per circuit with a minimum value of 1 $\mu$ F (microfarad) for every unit installed. For fluorescent lighting total power factor correction capacitance must not exceed 40 $\mu$ F. Note that it is not necessary to fit a capacitor on every fitting. Install a PFCC between **SWITCHED LIVE** and **NEUTRAL** on a luminaire in order to make the circuit operate correctly. Power factor correction capacitors **must** be fitted when “switch start” ballasts are used. Fluorescent and compact fluorescent fittings with “switch start” ballasts – a maximum limit of 6 ballasts apply.



The 2-Wire Timer Part Numbers listed in the diagram below are:

- *Not suitable for switching contactors*
- *Not suitable for SON lighting*
- *Not suitable for heating or ventilation loads.*

Please contact our sales department for a suitable alternative product.

### **C.P. Electronics Ltd.**

Unit 2 Abbey Manufacturing Estate, Mount Pleasant, Wembley, Middlesex, HA0 1RF  
 enquiry@cpelectronics.co.uk www.cpelectronics.co.uk  
 Tel: +44 (0) 20 8900 0671 Fax: +44 (0) 20 8900 0674

