

ZTC 313 Berko LED 2 Colour Light Signal INTERFACE

DESCRIPTION.

The ZTC 313 is used to connect Berko LED Colour Light Signals to the ZTC 304 or ZTC 305 accessory decoders. This instruction assumes that you are already familiar with installation and operation of accessory decoders and the Berko signal instructions.

GENERAL NOTE

One end of the ZTC 313 has 3 pins for connecting to the accessory decoder. The pins are spaced to fit in the existing screw terminals on the accessory decoder plug. This makes installation extremely simple.

- The maximum load of ZTC 313 is 0.1 A in continuous use; the brief peak load is 0.2 A for 1 sec.

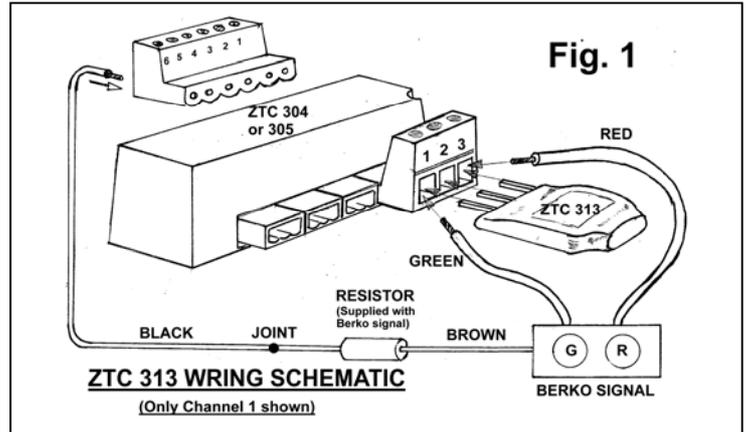
In Fig.1 the wiring schematic for the Berko LED Signal is shown as a block symbol. **ZTC Controls** recommend that the output of the channel used is set to "continuous" (no timer) operation by setting CV 3, 4, 5 or 6 to 0 as required.

The negative lead of the Berko LED signal has a resistor which must be retained.

Connecting the ZTC 313 to the ZTC 304 or ZTC 305 Accessories.

This task could not be simpler!

1. First slacken off all the screws in the plug of the selected channel.
2. Insert the ZTC 313 fully into the connector, label uppermost, and fully tighten the **middle screw only**. (Pin 2)
3. Extend the wires on the signal with matching coloured thin pvc covered cable and expose 5mm of copper at the far end. Insert the RED wire into Pin 3 and the GREEN wire into Pin 1 and fully tighten both screws. (Note:- It is easier to insert the wires below the gold pins on the ZTC 313 rather than above)
4. Connect a BLACK wire to the resistor and then connect it to pin 6 of the ZTC 304 or ZTC 305 **6 pin input connector**. (This is the common connection for all signals on each ZTC 304 or ZTC 305's.
5. If the colour of the led signal illuminated is incorrect for your use then the two connections (pin 1 & 3) can be changed over.



COMPATIBLE

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Canvin Court, Somerton Business Park, Bancombe Road

Somerton, Somerset. TA11 6SB

Tel:- 0870 241 8730 Fax:- 01458 273979

E mail: sales@ztcccontrols.com Web: www.ztcccontrols.com



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