

ZTC 310 SLOW-MOTION POINT MOTOR INTERFACE

DESCRIPTION.

The ZTC 310 is used to connect motor drives for turnouts (points) to the ZTC 304 or ZTC 305 accessory decoders. This instruction assumes that you are already familiar with installation and operation of accessory decoders.

GENERAL NOTE

One end of the ZTC 310 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 310 is 1.0 A in continuous use; the brief peak load is 2.0 A for 1 sec.

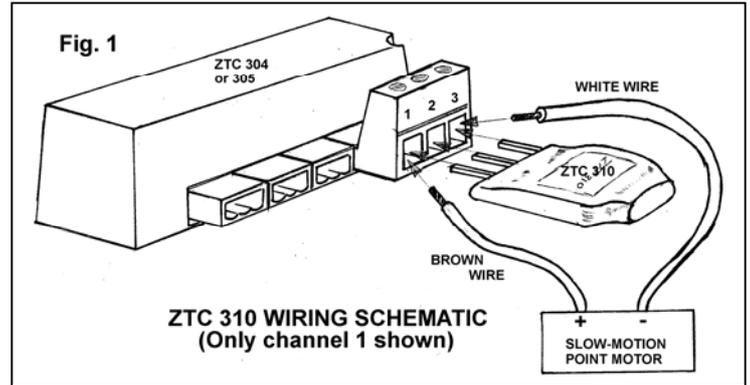
In Fig.1 the wiring schematic for the slow-motion turnout (point) motor is a block symbol. **ZTC Controls** recommend that the output of the channel used is set to "continuous" (no timer) operation by setting CV3, 4, 5 or 6 to 0 as required.

The motor drive you use may have built-in motor power disconnection switches at each end of the movement. You can leave these as they are.

Connecting the ZTC 310 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 310 fully into the connector, label uppermost, and fully tighten the middle screw only. (Pin 2)
3. Prepare the wires with 5mm of copper showing and insert one into Pin 1 and the other into Pin 3 and fully tighten both screws. Note:- It is easier to insert the wires below the gold pins on the ZTC 310 rather than above
4. If the direction of movement of the motor is incorrect for your turnout (point motor) then the two wires can be changed over to reverse the motor's direction of travel.



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