

MP10

Versatile switch motor

Mounting compatible with Tortoise™ Slow Motion Switch Machine

- Slow movement, high torque
- 4 adjustable throw ranges
- Two auxiliary switching contacts
- Two-wire or three-wire control

The MP10 combines the functions of the basic MP1 together with the advanced features of the MP5, while maintaining a low price. It is designed as a compatible replacement for the Tortoise™ switch machine, with the same mounting footprint, but a much reduced installation height.

The adjustable throw range of 3.5, 6.0, 9.5, or 12.5mm suits many gauges, including Z, N, TT, HO, S and O.

A motorized internal gear train increases power and reduces the speed of movement.

The MP10 has two independent internal SPDT auxiliary switching contacts with a capacity of 1A each.

At the end of an activation cycle which draws 110ma, the motor is turned off, with no residual current draw

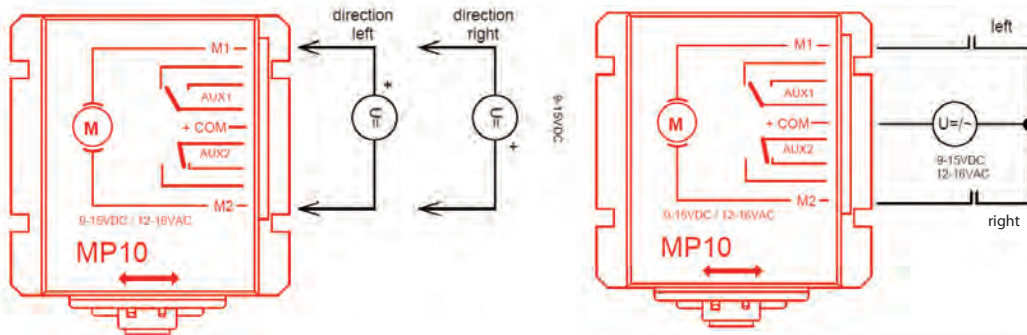
The MP10 can be powered via either a Two-wire connection, with movement controlled by the polarity of the power supply, or by a Three-wire connection, alternately applying power to control movement.

Detachable polarized connector included for ease of wiring.

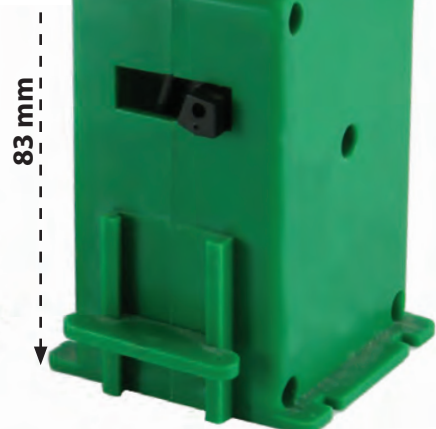
Screw terminals for 16-22 AWG wire.



Connection Schematics:



Compatible mounting, but only 25% of the height



MTB model
Prague
Made in Czech Republic

www.mtb-model.com

Tortoise™ Slow Motion-Switch Machine is a registered mark of Circuitron Inc, USA and is used here for reference and comparison only.