

Style 63 Points Simulator

Type: SIM 201



User Information

The Style 63 Points Simulator (the Simulator) connects to signalling tail cables in order to simulate Points Operating Equipment (POE).

The Simulator provides:

- a load similar to that of a Style 63 points machine
- left hand and right hand points detection contacts
- a mechanism to simulate detection contact failure.

The Simulator is portable, robust, easy to use and has an integral re-chargeable battery.

Environment

This unit is suitable for use at the trackside during testing.

Restrictions

This unit is suitable for use only with the 110V operation, Westinghouse style plug coupler versions of the Style 63 Points Machines.

Electrical connections

The Simulator has two plug couplers; an 8-pin coupler and a 14-pin coupler. These couplers enable the Simulator to be connected in place of a Points Machine.

The Simulator also has a charger connector for a battery charger to be connected.

Fuses

The Simulator has fuses to protect the detection contact relays and the drive detection circuits.

Controls and Indications

The Simulator has an ON/OFF push button switch.

The Simulator has a function switch that is used to set the detection contact break time and detection contact fault simulation.

The Simulator has the following indicators:

- RH switch detection contact
- No detection contact
- LH switch detection contact
- I0 detection delay time indicators
- Drive to close RH switch
- Drive to close LH switch
- Battery
- Temperature Normal
- Heater

Outline

The Simulator is of robust construction, having a non-metallic case, dimensions 251mm × 257mm × 121mm and weighing 8kg.

The Simulator has a carrying handle.

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