

SWARCO

McCain NEMA TS 1 INTERSECTION CONTROLLER TESTER



The McCain NEMA TS 1 Intersection Controller Tester is a valuable tool for testing, troubleshooting, demonstrating, or to burn-in a NEMA TS 1 controller. The McCain NEMA TS 1 Intersection Controller Tester is suitable for testing in the shop, office, or in the field as technicians can simulate any controller function on command for expedited troubleshooting.



KEY BENEFITS

- Conducts a variety of valuable controller tests
- Simulates controller functions to expedite troubleshooting
- Compact and portable design for testing in the shop or field
- Powered by an internal power supply, no controller power required

PRODUCT DESCRIPTION

The McCain NEMA TS 1 Intersection Controller Tester enables signal technicians to clearly observe controller functions as outputs are displayed with appropriately colored LEDs and identified by their corresponding controller function.

The “Extended Functions” section allows the tester to connect to most NEMA controllers with a D connector. It provides access to the D connector input and output functions assigned per the specific controller through the proper custom made adapter cable and extended functions templates.

The McCain NEMA TS 1 Intersection Controller Tester is conveniently sized and housed in plastic case, for improved tester durability and the ability to withstand water. Portable and sturdy, it is the ideal tool for testing and repair in the shop or field.

McCain NEMA TS 1 INTERSECTION CONTROLLER TESTER

INPUTS

Per Controller

Call to Non Act 1&2
 Test A&B
 Minimum Recall
 Walk Rest Modifier
 Manual Advance
 Manual Control Enable
 Lamps Off
 External Start

Per Ring

Max Inhibit
 Stop Time
 Force Off
 Red Rest
 Omit All Red
 Ped Recycle
 Max 2

Per Phase

Veh Det
 Ped Det
 Hold
 Phase Omit
 Ped Omit

OUTPUTS

Per Controller

Flashing Logic
 Voltage Monitor
 Overlap A, B, C, D
 Red, Yellow, Green

Per Ring

Status Bits

Per Phase

Red, Yellow, Green
 Walk, Don't Walk
 Phase On
 Phase Next
 Phase Check
 Ped Clear

STANDARD FEATURES

- Tests all standard and extended NEMA controller functions
- Extended function inputs (36)
- Output displays (132)
- Test points (9)
- Power interrupt test adjustable from 0.1 to 1.1 seconds

GENERAL SPECIFICATIONS

Dimensions ¹ :	15.2"W x 7.3"H x 19.2"D
Enclosure:	HPX High-performance resin luggage style case
Connectors:	A: 55-pin MS twist-lock B: 55-pin MS twist-lock C: 61-pin MS twist-lock D: 63-pin CPC connector size 23-63 E: 57-pin CPC connector size 23-57
Power:	120 VAC, 1 AMP
Environment:	Operating Temperature: +20°C to +74°C Humidity: 0 to 95% (non-condensing)
Shipping Weight:	23 lbs
Part Number:	M55435

OPTIONS

- Phase type display

¹Dimensions rounded to the nearest 0.1"