

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 <sup>1</sup> :	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

<sup>1</sup>Dimensions rounded to the nearest 0.1"