# TORK® nsi INDUSTRIES

## SPECIFICATION SHEET

# SS700Z & SS721Z SERIES
## SUNSET IN-WALL TIMER
## SUNSET/SUNRISE/7 DAY

c UL us

## WIRING DIAGRAM



WIRING DIAGRAM: INSTALLATION SS700Z

WIRING DIAGRAM: THREE-WAY INSTALLATION SS700Z
Connect a wire inside the gang-box between Traveler A and Hot.

WIRING DIAGRAM: INSTALLATION SS721Z

WIRING DIAGRAM: THREE-WAY INSTALLATION SS721Z
Connect a wire inside the gang-box between Traveler A and Hot.

## APPLICATIONS
- Commercial outdoor security lighting.
- Interior lobby lighting.
- Contactors for fans and motors.
- Sign lighting.

## FEATURES
**SCHEDULING:**
10 ON and OFF pairs of set points for individual programs on each day of the week.
11 day groups speed programming. Minimum setting is 1 minute.

**SunSet ASTRONOMIC:**
Adjusts daily to changes in sunset times. Sunset and sunrise times are adjustable from 10°- 60° Northern or Southern latitudes. Can be individually offset +/- 1-240 minutes for earlier or later operation.

**RANDOM MODE:**
Varies ON and OFF times to create lived in look when away.

**DAYLIGHT SAVING:**
Automatic adjustment (can be omitted).

**LEAP YEAR:**
Automatic Compensation.

**MANUAL OVERRIDE:**
Until the next regularly scheduled ON or OFF, automatic operation then resumes.

**MANUAL MODE:**
Does not run programs until set to AUTO (automatic) mode.

**VACATION MODE:**
No operation when away.

**EASY WIRING:**
SS700Z does not require a neutral, can be used as a 3-way switch.
SS721Z Requires a neutral, can be used as a 3-way switch.

**CLOCK FORMAT:**
AM/PM.

**POWER OUTAGE BACKUP:**
Permanent schedule retention. Supercapacitor provides 2 days of real time backup.

**COMMERCIAL GRADE SPECS:**
Control lighting contactors and 277VAC loads. Compatible with CFL lamps.

**FULL SWITCHING:**
No minimum load requirement.

## SPECIFICATIONS
**TIMING ACCURACY:**
Line frequency.
**INPUT VOLTAGE:**
120/277VAC, 50/60Hz.
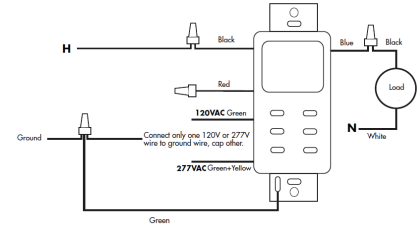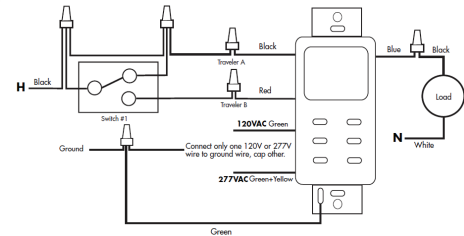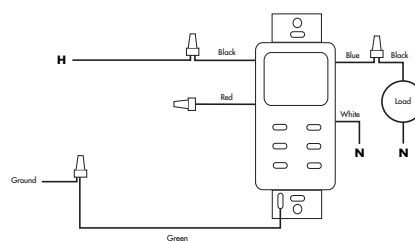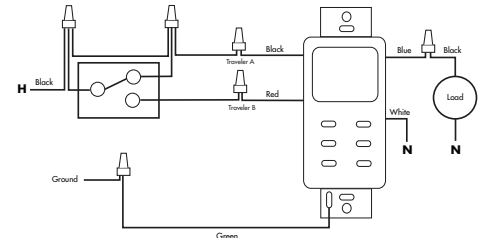**WIRE SIZE:**
#12AWG input/output - #16AWG 3-way (remote).
**OPERATING TEMPERATURE:**
32 °F to 104 °F (0 °C to 40 °C).

## ORDERING INFO

| CAT. NO. | UPC CODE | INPUT SUPPLY (VAC) 50/60 Hz | SWITCH TYPE | COLOR |
|---|---|---|---|---|
| SS700Z | 14019 | 120/277 | SPST | White |
| SS700ZA | 14020 | 120/277 | SPST | Light Almond |
| SS721Z | 14027 | 120/277 | SPST | White |
| SS721ZA | 14028 | 120/277 | SPST | Light Almond |

## CONTACT RATINGS

| TYPE | SS700Z SERIES RATING | VOLTAGE (VAC) | SS721Z SERIES RATINGS |
|---|---|---|---|
| Resistive | 16A | 120-277 | 16A |
| Ballast | 10A | 120-277 | 13A |
| LED Driver | 10A | 120-277 | 10A |
| Tungsten | 8A | 120 | 8A |
| Pilot Duty | 360VA | 120 | 720VA |
| Motor | 1/2HP | 120 | 1/2HP |