T900 SERIES
PHOTOELECTRIC & 7 DAY CONTROL COMBO
DIFFERENT SCHEDULES EACH DAY
RESERVE POWER STANDARD
2 & 3 CIRCUIT LIGHTING CONTROL CENTERS

APPLICATIONS
- Parking lot lighting
- HVAC
- Display lighting
- Security lighting
- Lighted signage
- Storefront lighting

FEATURES
- SCHEDULING:
  - CIRCUIT 1: On automatically at dusk, off at individual preset times each day, including skipping days when desired. Unit can be set to turn ON before dawn for early morning lighting.
  - CIRCUIT 2: On at dusk, off at dawn._verts on automatic daily.
  - CIRCUIT 3: Individual daily ON and OFF settings at desired times, including skipping any desired day or days. Minimum ON is setting 1 hour with a minimum OFF setting of 2 hours. Minimum 8 hours between 2 OFF settings. 7 day calendar dial will accommodate up to 2 pairs of ON-OFF settings per day – 7 pairs are supplied.

- SKIP-A-DAY: One operation on any day.
- MANUAL BY-PASS SWITCHES: Single pole, 20 amps—one per circuit. Factory pre-wired to terminal strips ON/OFF/AUTO positions for each circuit is independent — will not disturb automatic settings.
- RESERVE POWER: Standard feature on all models keep load on timer up to 24 hours during power outage.

NOTE: All models are designed to control a contactor circuit and are not recommended for direct switching of most lighting loads.

ORDERING INFO

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Replacement Trippers: #99 for 7 pairs of ON/OFF trippers.
Replacement Note: #56 (120V)
Replacement By-pass Switch: #6063

SPECIFICATIONS

- INPUT VOLTAGE: 120 or 208-277VAC, 60 Hz, varies by model.
- TIMING ACCURACY: Line frequency.
- TERMINAL RANGE: 46 to 165°F (-40˚ to +74˚C).
- OPERATING TEMPERATURE: 40 to 165°F (-40˚ to +74˚C).
- POWER CONSUMPTION: 5 watts maximum.

ENCLOSURE: Indoor NEMA 1 Metal with lockable knock. Other enclosures include cover for access to by-pass switches with suffix “E” or Indoor/Outdoor NEMA 3 metal with suffix “O” (see page 153 for enclosure dimensions).

WIRING DIAGRAMS

T920L
ONLY CIRCUITS 1 AND 2 ARE INCLUDED IN T920L
T930L
ALL 3 CIRCUITS ARE INCLUDED IN T930L

SPECIFICATION WRITER’S GUIDE
T900 SERIES – Furnish and install, where shown, a TORK Photo/Time Control of the 7 Day Calendar dial type, which shall be suitable to operate mechanically-held contactor(s). Photo/Time Control shall be pre-wired to a central terminal block which provides connecting terminals for Photocell and independent contactor circuit(s). Time switch shall function to prevent energization of lighting for preset periods each day. Time switch shall permit different ON/OFF settings for each day of the week, with provision for omitting selected days. Control shall include pre-wired manual switching for each contactor circuit specified. Enclosure shall be NEMA 1 surface. Photocell to be remotely installed in appropriate outside location. Photocell to be fully temperature compensated and shall be subject to a delay of at least 15 seconds to prevent false switching. Photocell shall be pre-wired to a central control center to energize whenever natural light falls below 1.5 - 3.5 foot candles turn on. Spring driven reserve timing motor shall be provided sufficient to operate time switch controls at least 24 hours after power failure. On restoration of power, time switch shall transfer to synchronous motor drive and automatically rewind reserve power unit. FOR DUSK TO DAWN LIGHTS: Control shall provide additional contactor circuit to above specifications except that it shall be responsive to Photocell only. Tork Model T-930L, or equal. FOR PRESET ON/RESET OFF: Control shall provide for additional contactor circuit to above specification except that it shall be responsive to time switch only. Tork Model T-930L.