

TORK MODEL T920L

LIGHTING CONTROL CENTER

SWITCH:

Single Pole, Double Throw

SWITCH CAPACITY:

20 Amps Per Pole
120V, 208-277V

INRUSH CAPACITY:

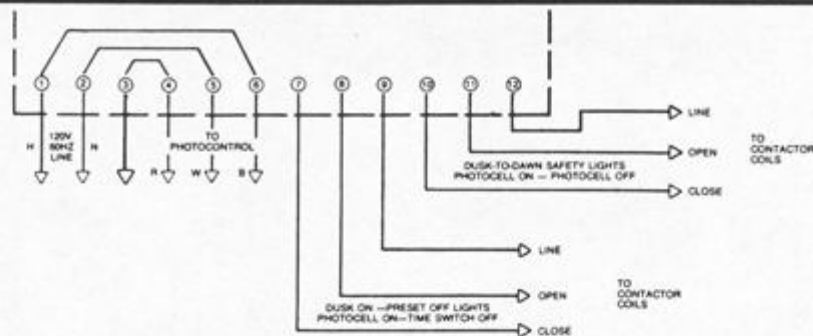
120 Amps Per Pole, 120V
55 Amps Per Pole, 208-277V

CONTACTOR CIRCUITS: Two

TIMING MOTOR VOLTAGE:

120V, 60HZ.

WITH RESERVE POWER



POWER MAY BE INTRODUCED TO CONTROL CIRCUITS BY JUMPERING TERMINALS 1, 9, AND 12.

INSTALLATION INSTRUCTIONS

Remove the four screws holding the manual switch plate in position and move the plate out of the way to expose the terminal strip. Wire in accordance with above wiring diagram. Special instructions for installing and wiring the Photocontrol are packed in its carton. Observe them carefully. Note that terminal 6 is the line connection to the Photocontrol and terminal 4 is the load connection.

Power for the Contactor Control Circuit should be taken from the contactor line circuit. This may be 120V, 240V, or 277V.

Wiring as shown is for mechanically held remote control contactors. When connecting to electrically held contactors, connect the contactor operating coils to terminals 7 and 10.

TERMINAL 3 is connected directly to the Photocontrol contact and may be used to control a load NOT IN EXCESS OF 500 WATTS.

SETTING AND OPERATING INSTRUCTIONS

Contactor connected to terminal 10, 11, or 12 is controlled only by Photocontrol and will go ON at dusk, so long as the manual switch is in the AUTO position.

For the contactor connected to terminals 7, 8 and 9 to operate, the Photocontrol and Time Switch contacts must be in the ON position and the Manual control must be in the AUTO position.

Observe carefully the following instructions on how to set the Time Switch.

TO SET ON AND OFF TIMES: ON trippers close Time Switch circuit. OFF trippers open it. The dial is graduated in one hour intervals. There must be an ON and an OFF tripper for each day of the week operations are desired. Place tripper on dial edge as shown in diagram. Set point of each tripper at the desired operating time. Hold tripper securely against dial and tighten knurled screw firmly by hand. (Do not use pliers).

NOTE: Trippers are interchangeable. With the knurled screws inserted in the side marked ON, it will become an ON tripper. If the tripper is turned over and the screw inserted in the side marked OFF, it becomes an OFF tripper.

Be certain to select the proper day and notice whether the selected time is AM or PM. Minimum ON time is 1 hour. Minimum OFF time is 2 hours. (There must be at least six hours between any two OFF trippers).

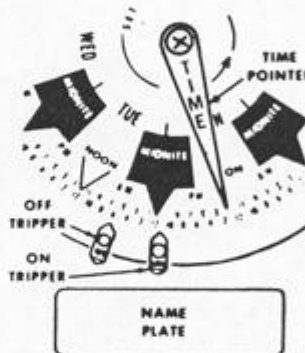
TO SET DIAL TO TIME. Turn dial COUNTER-CLOCKWISE until correct time of day and day of week is under time pointer. For accurate operation, care must be used in setting dial to time. DO NOT FORCE DIAL BACKWARDS.

TO OMIT A DAY: For PRESET OFF contactor, remove both ON and OFF trippers from the dial for the day or days to be omitted. Store extra trippers on the racks on either side of the dial. For Photocontrol contactor, days can be omitted only by operating the manual switch.

FOR NORMAL OPERATION: The OFF trippers should be set for the desired OFF time for each day. The ON trippers should be set for 9:00 A.M. This setting will permit the Photocontrol to operate both contactors in case of brief periods of darkness throughout the day.

FOR EARLY MORNING ON: Set the ON tripper to the desired ON time. The Photocontrol will open the circuit at dawn.

MANUAL CONTROL SWITCHES should be in AUTO position for normal automatic operation. When turned to the ON or OFF position, they keep the circuit in the position indicated, regardless of the position the Automatic Controls are in. THESE SWITCHES MUST BE RETURNED TO AUTO POSITION MANUALLY.



TORK®

Mount Vernon, New York