

# 1100 SERIES

SAME DAY ON/OFF  
TIMES EACH DAY  
24 HOUR TIME SWITCH



## APPLICATIONS



- Lighting
  - Pumps
  - Signs
  - Air conditioning
  - Water heaters
  - Fans
- Automatic ON/OFF control when operation is required at the same time every day.

## FEATURES

**SCHEDULING:** Minimum ON is setting 20 minutes with a minimum OFF setting of 75 minutes. Dial accommodates up to 12 pairs of trippers. One pair included.

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

## ORDERING INFO

| CATALOG NO.          | UPC CODE   | INPUT SUPPLY (VAC) 60Hz | OUTPUT CONTACTS | ENCLOSURE TYPE                              |
|----------------------|--|-------------------------|-----------------|---|
| 1101                 | 10011  | 120                     | SPST            | Metal Indoor NEMA 1                         |
| 1101-N               | 10040  | 120                     | SPST            | Noryl® Indoor/Outdoor NEMA 3R               |
| 1101-NC              | 10053  | 120                     | SPST            | Noryl® Indoor/Outdoor w/ clear Lexan® cover |
| 1101-O               | 10015  | 120                     | SPST            | Metal Indoor/Outdoor NEMA 3                 |
| 1101-M               | 10022  | 120                     | SPST            | Mechanism                                   |
| 1101-M-IAP           | 10052  | 120                     | SPST            | Mechanism and mounting plate                |
| 1101-7               | 10033  | 347                     | SPST            | Metal Indoor NEMA 1                         |
| 1102                 | 10012  | 208-277                 | SPST            | Metal Indoor NEMA 1                         |
| 1102-N               | 10045  | 208-277                 | SPST            | Noryl® Indoor/Outdoor NEMA 3R               |
| 1102-O               | 10046  | 208-277                 | SPST            | Metal Indoor/Outdoor NEMA 3                 |
| 1102-M               | 10035  | 208-277                 | SPST            | Mechanism                                   |
| 1103                 | 10013  | 120                     | DPST            | Metal Indoor NEMA 1                         |
| 1103-N               | 10041  | 120                     | DPST            | Noryl® Indoor/Outdoor NEMA 3R               |
| 1103-NC              | 10054  | 120                     | DPST            | Noryl® Indoor/Outdoor w/ clear Lexan® cover |
| 1103-O               | 10016  | 120                     | DPST            | Metal Indoor/Outdoor NEMA 3                 |
| 1103-M               | 10023  | 120                     | DPST            | Mechanism                                   |
| 1104                 | 10014  | 208-277                 | DPST            | Metal Indoor NEMA 1                         |
| 1104-N               | 10042  | 208-277                 | DPST            | Noryl® Indoor/Outdoor NEMA 3R               |
| 1104-NC              | 10055  | 208-277                 | DPST            | Noryl® Indoor/Outdoor w/ clear Lexan® cover |
| 1104-O               | 10017  | 208-277                 | DPST            | Metal Indoor/Outdoor NEMA 3                 |
| 1104-M               | 10014  | 208-277                 | DPST            | Mechanism                                   |
| 1104-M-IAP           | 10051  | 208-277                 | DPST            | Mechanism and mounting plate                |
| Replacement Trippers | Order #P47 for a pair of ON/OFF trippers                                 |                         |                 |   |
| Replacement Motor    | #101 (120V) & #201 (208-277V)<br>For Astronomic Conversion: Order #Z KIT |                         |                 |   |



## SPECIFICATIONS

**INPUT VOLTAGE:** 120 or 208-277 VAC  
60 Hz, varies by model.

**TIMING ACCURACY:** Line frequency.

**TERMINAL RANGE:** #8 - #14 AWG.

**OPERATING TEMPERATURE:**  
-40° to 165°F (-40° to +74°C).

**POWER CONSUMPTION:**  
3 watts maximum.

**ENCLOSURE:** Lockable hasp. Type varies by model (see page 153 for enclosure dimensions).

### OTHER MOUNTINGS:

Intermatic® Adaptor Plate model #IAP allows any 1100 series to fit into an Intermatic case.

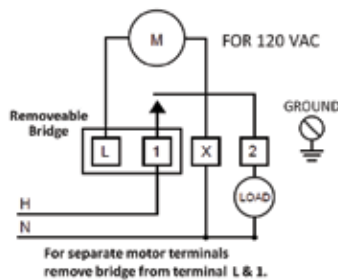
## CONTACT RATINGS

| TYPE            | VOLTAGE                     | CONTACT RATING |
|-----------------|-----------------------------|----------------|
| General Purpose | 120 -277VAC<br>single phase | 40A            |
| Resistive       | 120 -277VAC<br>single phase | 40A            |
| Tungsten        | 120VAC                      | 40A            |
| Inductive       | 120, 277VAC<br>single phase | 20A            |
| Pilot Duty      | 120 -277VAC                 | 1000VA         |
| Motor           | 120VAC                      | 2HP            |
|                 | 240VAC                      | 5HP            |

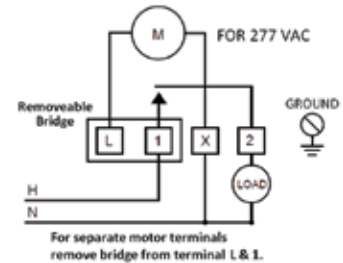
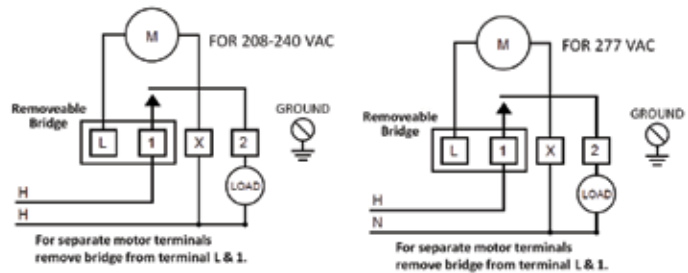
Model 1101-7 is 30 AMP inductive at 347 volts and CSA only.

## WIRING DIAGRAMS

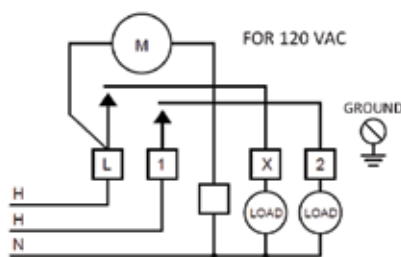
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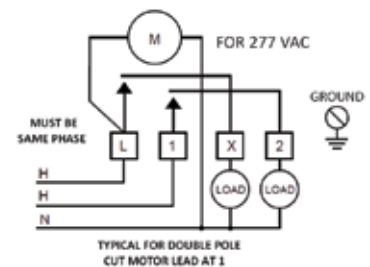
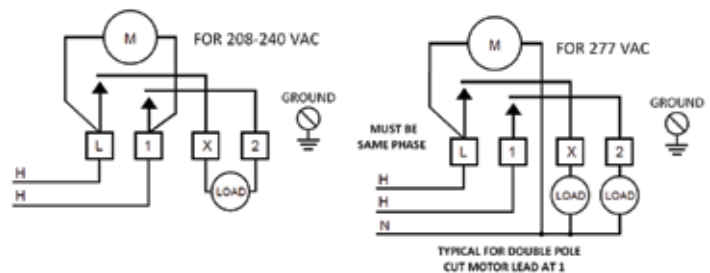
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## SPECIFICATION WRITER'S GUIDE

Furnish and install, where shown, a TORK time switch with 24 hour dial. The time switch shall be powered by a self-starting synchronous motor. Time switch contacts shall be capable of switching 40 amperes per pole continuously at 277 volts and shall be SPST (DPST as required). Removable ON/OFF trippers shall make possible automatic operation with a minimum ON period of 20 minutes and a minimum of 75 minutes between one OFF period and the next. Enclosure shall be NEMA 1 surface type, finished in beige enamel, with combination 1/2", 3/4" knockouts on bottom, both sides and back. Provision shall be made for positive padlocking. Terminals shall be capable of receiving #8AWG wire. Time switch shall be TORK Model 11\_\_ (11\_\_-, etc, to fit requirement).

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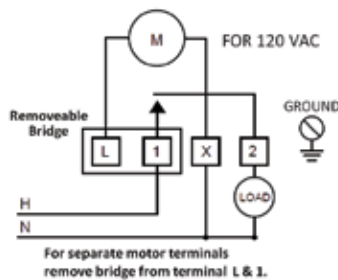
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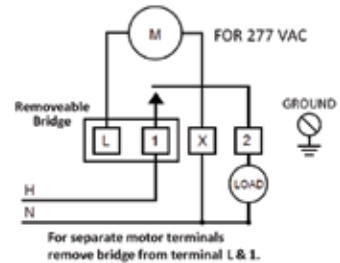
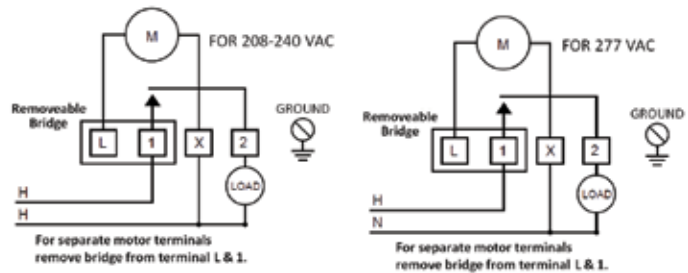
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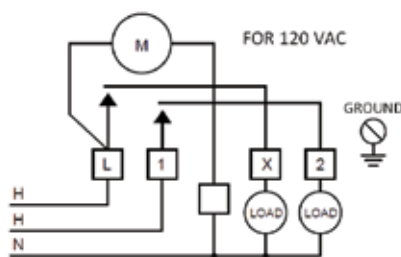
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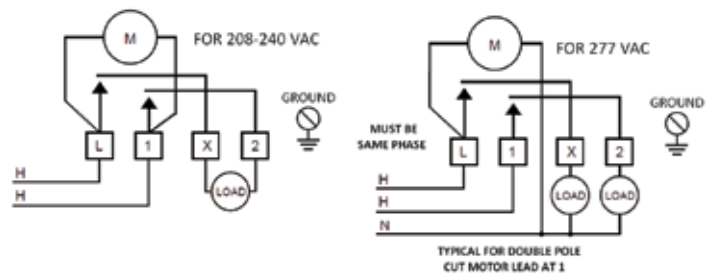
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