

**Multi-Purpose
Auto-Voltage
Time Switch**



GM40AVE

GM40AV





CONVENIENCE FEATURES:

- Auto-Voltage Selection 120 VAC thru 277 VAC – Easy to install, efficient and accurate
- Heavy Duty – Handles loads up to 40 Amps
- Power “ON” and “STATUS” indicators
- Large screw terminals for easy wiring #8 AWG wire
- Moisture resistant conformal coated board
- Ground lug termination

APPLICATIONS:

- Schools
- Offices
- Airports
- Hotels/Motels
- Parks
- Apartments
- Restaurants
- Retail sites

COMMON USES:

- Lighting
- Fans
- Pumps
- Blowers
- Air Conditioners
- Ovens
- Livestock/Poultry Equipment
- Many more uses for heavy duty loads

The GM40 Series Multi-Voltage time switch just got better... Grasslin by Intermatic now offers the best features of the GM40, with an added auto-voltage feature. We just took the guess work out of installation - saving time and money.

No more wiring worries or guessing the supply voltage on site – the GM40AV and GM40AVE automatically select the appropriate voltage, avoiding costly wiring mistakes!

- Reduces installation time
- Increases job site efficiency
- Decreases the amount of competitive sku's to stock because it covers all voltages between 120 VAC and 277 VAC
- Increases Safety - No more wiring mistakes.

It's the only clock to stock that automatically covers all voltage supply needs for 40A heavy duty loads!



Look to Intermatic to provide energy conscious solutions.



GM40AV (24 Hour)

The GM40AV auto-voltage time switch is a universal, electromechanical clock which automatically detects the input voltage without the use of a dip switch or selector pins. The clock automatically selects any voltage between 120 VAC and 277 VAC. No need to worry about setting the appropriate voltage- the GM40AV automatically selects it.

- Auto-Voltage selection 120VAC thru 277VAC
- 40 Amp resistive, 30 Amp Inductive
- Real Clock face – Makes setting and viewing easy
- 96 Captive trippers are independently adjustable at 15 minute intervals
- 48 ON/OFF operations per 24 hour time period
- ON/OFF/Override switch
- Amber and Green LED's show power and status

Specifications

Model:GM40AV
Voltage: 120-277 VAC
Amp Rating: 40A Resistive/30A Inductive
Switch Configuration: . SPDT/DPDT (2 N.O. and 2 N.C. contacts)
Wiring Connections:.....Screw box lug terminals
Wire Size:.....AWG #8
Min ON/OFF Time: 15 Minutes
Max ON/OFF Time: 23 Hours, 45 Minutes
Temperature Range:-40°F (-40°C) to 131°F (55°C)
Enclosure: NEMA 3R rain tight enclosure with lockable hasp, industrial grade plastic;
 Height: 8.8" (22.0 cm)
 Width: 6.6" (16.5 cm)
 Depth: 2.9" (7.3 cm)

Agency Approval:.....
Weight:.....2 lbs. (0.9 kg)

Specifiers Guide

Furnish and install an Intermatic GM40AV auto-voltage series electromechanical time switch with captive trippers for the 24 hour application. Input voltage can be anywhere between 120-277 volts and appropriate voltage is automatically selected. All units shall incorporate both SPDT and DPDT contacts that shall be rated at 40A, 2 HP at 277 V. To set the starting time and to provide time indication, the unit shall have an authentic clock face with hour and minute hands. LED indicators shall provide power and status feedback. Enclosure shall be NEMA 3R suitable for both indoor and outdoor installation. Time switch shall contain OFF/AUTO/ON manual override.




GM40AVE (24 Hour and/or 7 Day)

The GM40AVE auto-voltage time switch is a universal, electronic time switch that automatically selects any voltage between 120 VAC and 277 VAC. No need to worry about setting the appropriate voltage. The GM40AVE offers precision control with Automatic Daylight Savings Time adjustments.

- Auto-Voltage selection 120VAC thru 277VAC
- 40 Amp resistive, 30 Amp Inductive
- Digital clock face
- 20 ON/OFF operations per 7 Day or 24 hour time periods
- To-the-minute accuracy
- Minimum ON/OFF time is one minute
- ON/OFF/Override switch
- Amber and Green LED's show power and status
- Carry over with 3 year lithium ion battery

Specifications

Model:GM40AVE
Voltage: 120-277 VAC
Amp Rating: 40A Resistive/30A Inductive
Switch Configuration: SPDT/DPDT (2-N.O. and 2-N.C. contacts)
Wiring Connections:.....Screw box lug terminals
Wire Size:.....AWG #8
Min ON/OFF Time: 1 minutes
Max ON/OFF Time: 6 days, 23 Hours, 59 Minutes
Temperature Range:-40°F (-40°C) to 131°F (55°C)
Enclosure: NEMA 3R rain tight enclosure with lockable hasp, industrial grade plastic;
 Height: 8.8" (22.0 cm)
 Width: 6.6" (16.5 cm)
 Depth: 2.9" (7.3 cm)

Agency Approval:.....
Weight:.....2 lbs. (0.9 kg)

Specifiers Guide

Furnish and install an Intermatic GM40AVE auto-voltage electronic time switch with 20 ON/OFF electronic programs for any combination of 24 hour or 7 day application. Input voltage can be of any 120 -277VAC via auto selecting feature. All units shall incorporate both SPDT and DPDT contacts that shall be rated at 40A, 2 HP at 277 V. LED indicators shall provide power and status feedback. Enclosure shall be NEMA 3R suitable for both indoor and outdoor installation. Time switch shall have override capabilities to the next programmed event. For carry-over: the time switch shall have a lithium battery factory installed with a minimum of 3 years reserve.



Energy Controls

GM40 Series

Auto Voltage Time Switch



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