

## GR\_Thermostats - Electromechanical Immersion Heater timer with Synchronous 7-day clock, 220-240 VAC, 50 Hz, Surface Mount Timer Module with Manual Override, 2-hour Intervals, 16 A, SPDT - eco BG7S

Item 043600101



### PRODUCT DESCRIPTION

The BG1S and the BG7S are analogue, single-channel synchronous time switches. The BG1Q is an analogue single-channel quartz time switch. Using the tappets of the mechanical clock, the daily or weekly programming is very easy with a very short response time of 15 minutes and 2 hours. Switching between the operating modes automatic, fixed ON and OFF can be made using a hand switch. These variants are distinguished by a simple and modern design with a low profile and easy mounting on flush boxes.

### FEATURES

- ▶ 16 A / 250 VAC SPDT switch
- ▶ Synchronous drive
- ▶ Captive tripper levers with 2 hour intervals
- ▶ Manual override, ON-AUTO-OFF
- ▶ Easy-set true clock face
- ▶ Flush mounting
- ▶ Clear plastic dust cover
- ▶ Compact size
- ▶ Optimal tamper protection through sealable housing

### APPLICATIONS

- ▶ Greenhouse Misting Control
- ▶ Heater Thermostat Control
- ▶ Landscape Lighting
- ▶ Machinery & Pump Controls
- ▶ Motor Control
- ▶ Outdoor Lighting Control
- ▶ Outdoor Water Fountains
- ▶ Pool Pump
- ▶ Pump Control
- ▶ Septic Treatment
- ▶ Water Heater Control
- ▶ Water Circulation

### TECHNICAL DATA

#### General

Model Number	043600101
Description	Electromechanical Immersion Heater timer with Synchronous 7-day clock, 220-240 VAC, 50 Hz, Surface Mount Timer Module with Manual Override, 2-hour Intervals, 16 A, SPDT - eco BG7S
Country of Origin (Intermatic)	MEXICO
TARIC HS Code	9107.00.00

#### Control Specifications

Clock Drive Type	Synchronous (Network Frequency)
Backup Protection Time	No
Mechanism Type	Analog/Mechanical

#### Mechanical Specifications

Mounting Options	Flush Mounting; Surface Mounting
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### Dimensions

Product Dimensions (H x W x D) mm	92 x 72 x 60 mm
Product Dimensions (H x W x D) in	3.622 x 2.834 x 2.362 in

### Material Specifications

Color	White/grey
Enclosure Material	Thermoplastics, self-extinguishing & high-temperature resistant

### Electrical Specifications

Wiring Option	Screw terminal with wire protection Max 2.5 mm <sup>2</sup>
Input Voltage Range(s)	220-240 VAC
Accuracy	Mains synchronized
Current Output	Changeover, Potential-free, Opening Width < 3 mm
Input Voltage Frequencies	50 Hz

### Display and Format

Shortest switching time	ON/OFF 2 hours; Program Time 2 hours
Time Display Format	Analog hands

### Packaging

Shipping Weight (kg)	0.153
Shipping Weight (lbs)	0.337
Product Weight (kg)	0.173
Product Weight (lbs)	0.3806
Unit Carton Dimensions (H x W x D) in	3.365 x 3.617 x 3.617 in

### Operating Specifications

Manual switch	ON/OFF/AUTO
Program	Weekly Program
Tampering protection	Lead-sealable

### Environmental Specifications

Storage Temperature Min (°F)	-4
Storage Temperature Max (°F)	131
Storage Temperature Min (°C)	-20
Storage Temperature Max (°C)	55
Operating Humidity	10% ... 90% relative humidity, non-condensing
Temperature (operation)	-20 - 85 °C / -4 - 185 °F

### Standards and Certifications

Protection class	II, According to Corresponding Mounting
RoHS Certification	Y