

GR_Thermostats - Electromechanical Immersion Heater timer with quartz 24-Hour clock, 220-240 VAC, 50 Hz, Surface Mount Timer Module with Manual Override, 15 minute Intervals, 16 A, SPDT - eco BG1Q

Item 043600111



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
- ▶ Quartz drive with 72 hour time-of-day reserve
- ▶ Captive tripper levers with 15 minute 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 | 043600111 |
| Description | Electromechanical Immersion Heater timer with quartz 24-Hour clock, 220-240 VAC, 50 Hz, Surface Mount Timer Module with Manual Override, 15 minute Intervals, 16 A, SPDT - eco BG1Q |
| Country of Origin (Intermatic) | MEXICO |
| TARIC HS Code | 9107.00.00 |

Control Specifications

| | |
|------------------------|-------------------|
| Clock Drive Type | Quartz |
| Backup Protection Time | 72 Hours |
| Mechanism Type | Analog/Mechanical |

Mechanical Specifications

| | |
|------------------|----------------------------------|
| Mounting Options | Flush Mounting; Surface Mounting |
|------------------|----------------------------------|

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 ² |
| Input Voltage Range(s) | 120-240 VAC, 50/60 Hz |
| Accuracy | ± 1,5 Second /Day at 20°C |
| Current Output | Changeover, Potential-free, Opening Width < 3 mm |
| Input Voltage Frequencies | 45-60 Hz |

Display and Format

| | |
|-------------------------|--|
| Shortest switching time | ON/OFF 15 minutes; Program Time 15 minutes |
| Time Display Format | Analog hands |

Packaging

| | |
|---------------------------------------|------------------------|
| Shipping Weight (kg) | 0.16 |
| Shipping Weight (lbs) | 0.353 |
| Product Weight (kg) | 0.173 |
| Product Weight (lbs) | 0.3806 |
| Unit Carton Dimensions (H x W x D) in | 2.2 x 2.838 x 4.181 in |

Operating Specifications

| | |
|----------------------|------------------------|
| Manual switch | ON/OFF/AUTO |
| Program | Daily Program (ON/OFF) |
| 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 - 55 °C / -4 - 131 °F |

Standards and Certifications

| | |
|---------------------------|---|
| Protection class | II, According to Corresponding Mounting |
| California Proposition 65 | None |
| RoHS Certification | Y |