

## GR\_Thermostats - Electromechanical Universal 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 BL7S

Item 043300241



### PRODUCT DESCRIPTION

The BL1S and BL7S are mechanical multi-tariff single-time switches with daily or weekly program. They allow individual adjustment of the heating period within 24 hours, every 15 minutes or every day in 24 hours, as well as every 2 hours in order to avoid expensive peak hours. They enable the control of electric immersion heaters with a capacity of up to 3,000 watts. Switching between the operating modes automatic, fixed ON and OFF can be made using a hand switch. These models are distinguished by a simple and modern design with a low profile and easy installation.

### FEATURES

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

### APPLICATIONS

- ▶ Heater Thermostat Control

### TECHNICAL DATA

#### General

Model Number	043300241
Description	Electromechanical Universal 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 BL7S
Country of Origin (Intermatic)	MEXICO
TARIC HS Code	9107.00.00

#### Control Specifications

Clock Drive Type	Synchronous
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	112 x 72 x 55 mm
Product Dimensions (H x W x D) in	4.409 x 2.834 x 2.165 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)	0.183
Shipping Weight (lbs)	0.403
Product Weight (kg)	0.184
Product Weight (lbs)	0.4048
Unit Carton Dimensions (H x W x D) in	1.996 x 2.884 x 4.824 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
California Proposition 65	None
RoHS Certification	Y