

GR_Thermostats - Electromechanical Immersion Heater timer with synchronous 24-Hour clock, 220-240 VAC, 50 Hz, Surface Mount Timer Module with Manual Override, 15 minute Intervals, 16 A, SPDT - eco BL1S

Item 043300231



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
- ▶ 24 hour timer
- ▶ Captive trippers with 15 minute intervals
- ▶ Manual override, ON-AUTO-OFF
- ▶ Easy-set true 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	043300231
Description	Electromechanical Immersion Heater timer with synchronous 24-Hour clock, 220-240 VAC, 50 Hz, Surface Mount Timer Module with Manual Override, 15 minute Intervals, 16 A, SPDT - eco BL1S
Country of Origin (Intermatic)	MEXICO
TARIC HS Code	9107.00.00.90

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	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 ²
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 15 minutes; Program Time 15 minutes
Time Display Format	Analog hands

Packaging

Shipping Weight (kg)	0.185
Shipping Weight (lbs)	0.408
Product Weight (kg)	0.173
Product Weight (lbs)	0.3806
Unit Carton Dimensions (H x W x D) in	1.995 x 2.864 x 4.824 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 - 85 °C / -4 - 185 °F

Standards and Certifications

Protection class	I, After Appropriate Mounting
California Proposition 65	None
RoHS Certification	Y