


Timermatic Product Catalog



Timermatic



Timermatic is located in the beautiful Cixi City, at the side of Hangzhou Bay, only two hours' drive from Shanghai and Hangzhou, and one hour' s drive from Ningbo city, transportation is very convenient. The company was built by a river, with a beautiful environment, some buildings, and lined trees, equipped with modern production equipments.

We have to brands, Timermatic is mainly for Box Timer, Industrial Timer Switch, Happyelec is mainly for socket and switch.

The company specializes in producing 24-hour programmable timer and smart home socket &switch, which in widely application, such as heaters, boilers, air conditioners, rice cookers, lamps, billboards, etc. With the development and demand of the market, we develop smart home in 2013, has covered WIFI, Bluetooth and Zigbee three intelligent systems. All the products have successfully docked Alibaba's Tmall Elf, Amazon's echo, Google home, IFTTT and other major intelligent voice systems. We can service different customers to embedded hardware and APP in cellphone. The company has recruited a number of technical and management personnel with many years experience, which also laid a solid foundation for the company' s decision-making, creation, production, operation and development. We have also established a set of standardized and procedure quality assurance system.

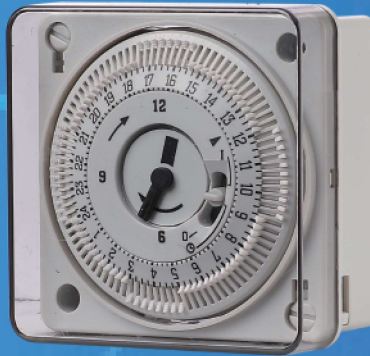
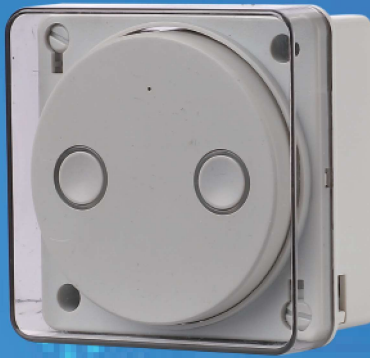
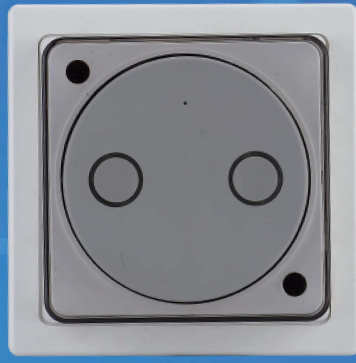
Timermatic has a complete set of production and inspection equipment, which ensured every product` s quality. Our timers have such numerous approvals as GS, SEMKO, BS, UL, ETL, CE, etc. They are sold to Europe, North America, South America, South Africa, Middle East, East Asia and many other countries and regions.

Timermatic has already accumulated a powerful innovative energy, we firmly believe that innovation can change everything. And we are actively working with innovation and focus on giving 24-hour programmable timer new features, including appearances and functions. And the most important thing is, Timermatic' s designers pay the most highly attention to the user' s experiences. Our goal is to work on a more user-friendly designing, a more convenient operating experience, and a more accurate timing function.

Facing to customers, the happier sincere on ...
Facing to employees, the happier respect for...
Facing to the society, the happier concern for...

On the way of trials and hardships, thank you for choosing, believing in Timermatic, we are looking forward to cooperate with you!





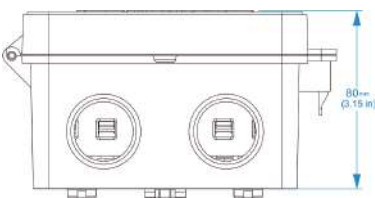
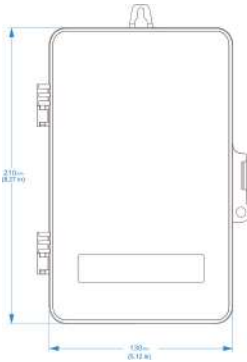


Model# T40M

Features

- * Heavy-duty 40A contact rating
- * Automatic control adjusts voltages between 120-277 VAC
- * 24-Hours flexible scheduling
- * Power and status LED indicators
- * 15 minutes min setting time
- * Manual override with load status indication
- * To-the-minute accuracy

Dimensions:



Applicants

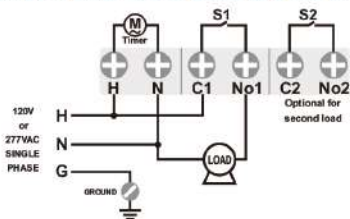
- * Lighting Control
- * Access Control
- * refrigerator
- * General Electrical Circuits
- * Pump Control
- * Motor Control
- * Fan Control

Ratings:

- 40 A Resistive 120 to 277 Vac;
- 30 A General purpose 120 to 277 Vac;
- 20A Resistive, 30Vdc;
- 1HP, 120 VAC,
- 2HP 240Vac;
- 20A Ballasted load 120 to 277 Vac;
- 15A Tungsten 120 Vac;
- 5A Tungsten, 250Vac;
- 800VA, Pilot Duty, 120Vac;
- 720VA Pilot Duty, 240 Vac;
- TV-5, 120Vac
- Type 3R, wall mounted ,
- suitable for outdoor use

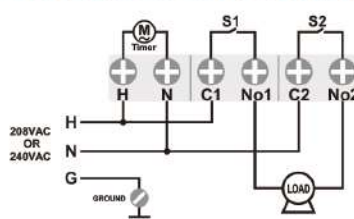
Wiring Diagrams:

TYPICAL SPST WIRING - LOAD SAME VOLTAGE AS TIMER SUPPLY



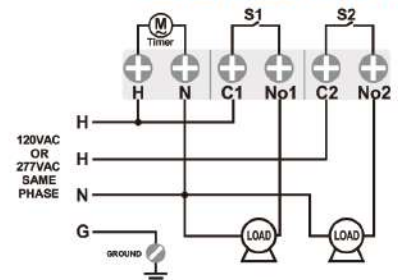
Connect line voltage H to terminal C1

TYPICAL DPST WIRING - LOAD SAME VOLTAGE AS TIMER SUPPLY



CONNECT LINE VOLTAGE H TO TERMINAL C1
CONNECT LINE VOLTAGE N TO TERMINAL C2

TYPICAL TWO CIRCUIT SPST WIRING DIAGRAM - LOADS SAME VOLTAGE AS TIMER SUPPLY



CONNECT LINE VOLTAGE H TO TERMINAL C1
CONNECT LINE VOLTAGE H TO TERMINAL C2

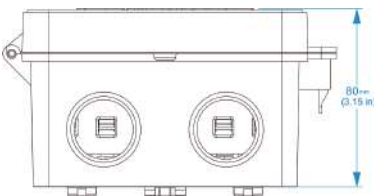
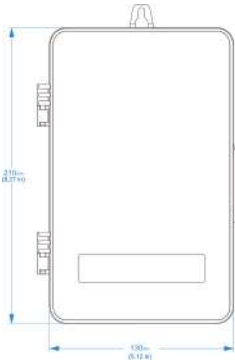


Model# T40D

Features

- *Heavy-duty 40A contact rating
- *Automatic control adjusts voltages between 120-277 VAC
- *7-day flexible scheduling
- *Power and status LED indicators
- *1 minutes min setting time
- *Self-recharging battery with back up protection up to 2500hours (battery type)
- *To-the-minute accuracy

Dimensions:



Applicants

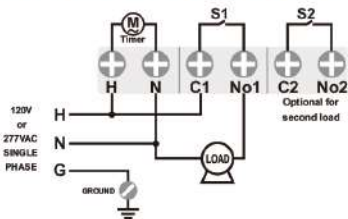
- *Lighting Control
- *Access Control
- * refrigerator
- *General Electrical Circuits
- * Pump Control
- * Motor Control
- *Fan Control

Ratings:

- 40 A Resistive 120 to 277 Vac;
- 30 A General purpose 120 to 277 Vac;
- 20A Resistive, 30Vdc;
- 1HP, 120 VAC,
- 2HP 240Vac;
- 20A Ballasted load 120 to 277 Vac;
- 15A Tungsten 120 Vac;
- 5A Tungsten, 250Vac;
- 800VA, Pilot Duty, 120Vac;
- 720VA Pilot Duty, 240 Vac;
- TV-5, 120Vac
- Type 3R, wall mounted ,
- suitable for outdoor use

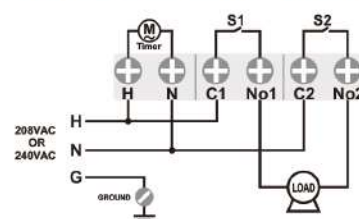
Wiring Diagrams:

TYPICAL SPST WIRING - LOAD SAME VOLTAGE AS TIMER SUPPLY



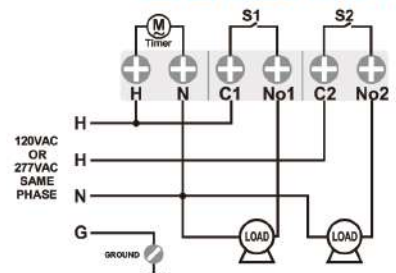
Connect line voltage H to terminal C1

TYPICAL DPST WIRING - LOAD SAME VOLTAGE AS TIMER SUPPLY



CONNECT LINE VOLTAGE H TO TERMINAL C1
CONNECT LINE VOLTAGE N TO TERMINAL C2

TYPICAL TWO CIRCUIT SPST WIRING DIAGRAM - LOADS SAME VOLTAGE AS TIMER SUPPLY



CONNECT LINE VOLTAGE H TO TERMINAL C1
CONNECT LINE VOLTAGE H TO TERMINAL C2

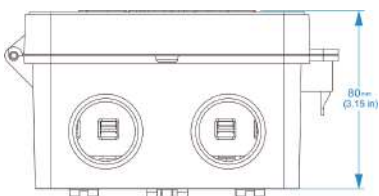
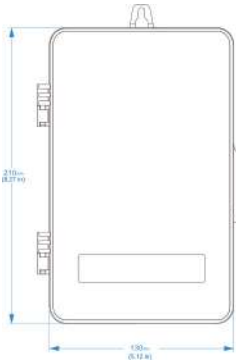


Model# T40W

Features

- * Heavy-duty 40A contact rating
- * Automatic control adjusts voltages between 120-277 VAC
- * 24-Hours/7-day flexible scheduling
- * Power and status LED indicators
- * 1 minutes min setting time
- * Manual override with load status indication
- * To-the-minute accuracy
- * IOS and Android support
- * Work with Google home and Amazon Alexa
- * 2.4GHz WiFi network

Dimensions:



Applicants

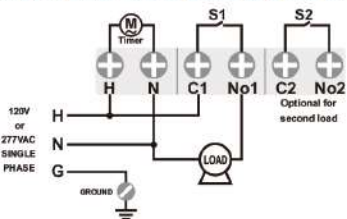
- * Lighting Control
- * Access Control
- * refrigerator
- * General Electrical Circuits
- * Pump Control
- * Motor Control
- * Fan Control

Ratings:

- 40 A Resistive 120 to 277 Vac;
- 30 A General purpose 120 to 277 Vac;
- 20A Resistive, 30Vdc;
- 1HP, 120 VAC,
- 2HP 240Vac;
- 20A Ballasted load 120 to 277 Vac;
- 15A Tungsten 120 Vac;
- 5A Tungsten, 250Vac;
- 800VA, Pilot Duty, 120Vac;
- 720VA Pilot Duty, 240 Vac;
- TV-5, 120Vac
- Type 3R, wall mounted ,
- suitable for outdoor use

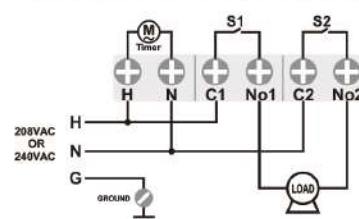
Wiring Diagrams:

TYPICAL SPST WIRING - LOAD SAME VOLTAGE AS TIMER SUPPLY



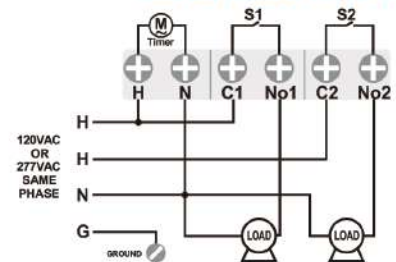
Connect line voltage H to terminal C1

TYPICAL DPST WIRING - LOAD SAME VOLTAGE AS TIMER SUPPLY



CONNECT LINE VOLTAGE H TO TERMINAL C1
CONNECT LINE VOLTAGE N TO TERMINAL C2

TYPICAL TWO CIRCUIT SPST WIRING DIAGRAM - LOADS SAME VOLTAGE AS TIMER SUPPLY



CONNECT LINE VOLTAGE H TO TERMINAL C1
CONNECT LINE VOLTAGE H TO TERMINAL C2

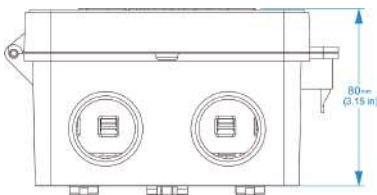
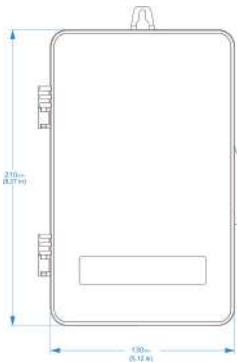


Model# T50W

Features

- * Heavy-duty 40A contact rating
- * Automatic control adjusts voltages between 120-277 VAC
- * 24-Hours/7-day flexible scheduling
- * Power and status LED indicators
- * 1 minutes min setting time
- * Manual override with load status indication
- * To-the-minute accuracy
- * IOS and Android support
- * Work with Google home and Amazon Alexa
- * 2.4GHz WiFi network
- * With Fireman Switch

Dimensions:



Applicants

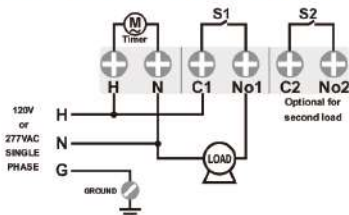
- * Lighting Control
- * Access Control
- * refrigerator
- * General Electrical Circuits
- * Pump Control
- * Motor Control
- * Fan Control

Ratings:

- 40 A Resistive 120 to 277 Vac;
- 30 A General purpose 120 to 277 Vac;
- 20A Resistive, 30Vdc;
- 1HP, 120 VAC,
- 2HP 240Vac;
- 20A Ballasted load 120 to 277 Vac;
- 15A Tungsten 120 Vac;
- 5A Tungsten, 250Vac;
- 800VA, Pilot Duty, 120Vac;
- 720VA Pilot Duty, 240 Vac;
- TV-5, 120Vac
- Type 3R, wall mounted ,
- suitable for outdoor use

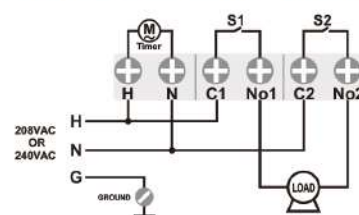
Wiring Diagrams:

TYPICAL SPST WIRING - LOAD SAME VOLTAGE AS TIMER SUPPLY



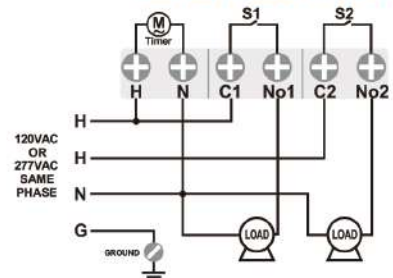
Connect line voltage H to terminal C1

TYPICAL DPST WIRING - LOAD SAME VOLTAGE AS TIMER SUPPLY



CONNECT LINE VOLTAGE H TO TERMINAL C1
CONNECT LINE VOLTAGE N TO TERMINAL C2

TYPICAL TWO CIRCUIT SPST WIRING DIAGRAM - LOADS SAME VOLTAGE AS TIMER SUPPLY



CONNECT LINE VOLTAGE H TO TERMINAL C1
CONNECT LINE VOLTAGE H TO TERMINAL C2

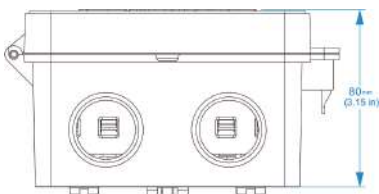
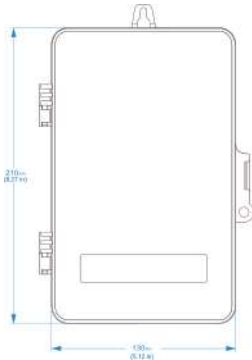


Model# T60W

Features

- * Heavy-duty 40A contact rating
- * Automatic control adjusts voltages between 120-277 VAC
- * 24-Hours/7-day flexible scheduling
- * Power and status LED indicators
- * 1 minutes min setting time
- * Manual override with load status indication
- * To-the-minute accuracy
- * IOS and Android support
- * Work with Google home and Amazon Alexa
- * 2.4GHz WiFi network

Dimensions:



Applicants

- * Lighting Control
- * Access Control
- * refrigerator
- * General Electrical Circuits
- * Pump Control
- * Motor Control
- * Fan Control

Ratings:

- 40 A Resistive 120 to 277 Vac;
- 30 A General purpose 120 to 277 Vac;
- 20A Resistive, 30Vdc;
- 1HP, 120 VAC,
- 2HP 240Vac;
- 20A Ballasted load 120 to 277 Vac;
- 15A Tungsten 120 Vac;
- 5A Tungsten, 250Vac;
- 800VA, Pilot Duty, 120Vac;
- 720VA Pilot Duty, 240 Vac;
- TV-5, 120Vac
- Type 3R, wall mounted
- suitable for outdoor use

Wiring Diagrams:

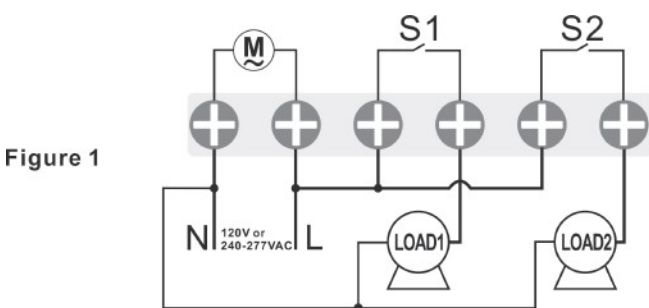


Figure 1

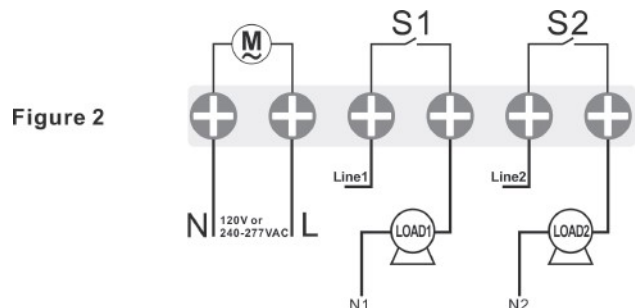


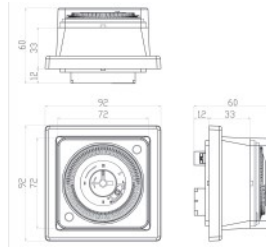
Figure 2

Model# HB-SBST

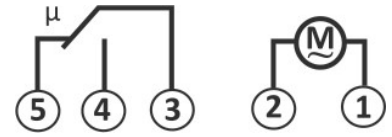


UK
CA CE

Dimensions:



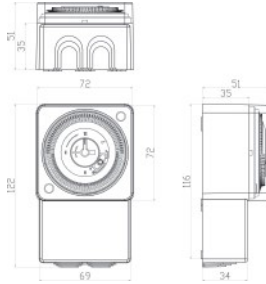
Wiring Diagrams:



Model# HB-IHTGPT



UK
CA CE



Features

- 24 Hour Synchronous
- Min switching 15 minutes
- Designed for surface mounting
- 24 Hour
- 15 Minute tappet intervals
- 16 Amp resistive, 8 Amp inductive
- Captive tappets
- Timed / OFF / Constant selection
- Not suitable for discharge or LED lighting without a contactor
- Volt free SPDT contacts (remove link)

Applicants

- *Lighting Control *Access Control * refrigerator
- *General Electrical Circuits * Pump Control * Motor Control
- *Fan Control

Ratings:

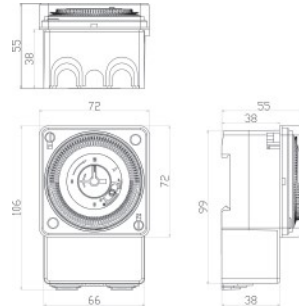
Motor: 220-240V AC 50Hz
 Temperature rating T45
 Switch type: changeover
 Rating:
 16A resistive / 8A inductive
 Not suitable for direct switching of lighting
 types: HID, SON, LED—use a contactor
 Class II control / Protection class IP20

Model# HB-TS111.1

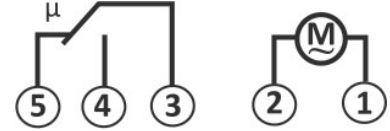


UK
CA CE

Dimensions:



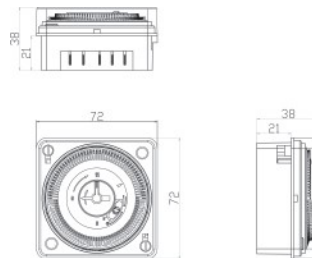
Wiring Diagrams:



Model# HB-TS111.2



UK
CA CE



Features

- 220-240 V / 50 Hz
- Daily Programme
- 1 Channel
- Manual Switch: Automatic fix ON/OFF
- Clock face
- Shortest switching time: 15 min
- Programmable: every 15 min
- Synchronous drive

Applicants

- *Lighting Control *Access Control * refrigerator
- *General Electrical Circuits * Pump Control * Motor Control
- *Fan Control

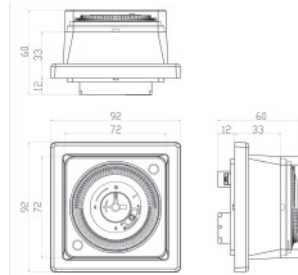
Ratings:

Motor: 220-240V AC 50Hz
 Temperature rating T45
 Switch type: changeover
 Rating: 16A resistive / 8A inductive
 Not suitable for direct switching of lighting
 types: Fluorescent, HID, SON, LED
 Use a contactor for discharge lamps
 Class II control / Protection class IP20

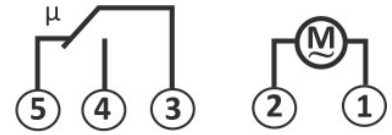
Model# HB-SBST24V



Dimensions:



Wiring Diagrams:



Features

- 24 Hour Synchronous
- Min switching 15 minutes
- Socket Box Timer
- Designed to mount directly over a single pattress
- 24 V DC
- 24 Hour programming
- 15 Minute tappet intervals
- 16 Amp resistive, 8 Amp inductive
- Captive tappets; Timed / OFF / Constant selection
- Volt free SPDT contacts
- Not suitable for discharge or LED lighting without a contactor

Applicants

- *Lighting Control *Access Control * refrigerator
- *General Electrical Circuits * Pump Control * Motor Control
- *Fan Control

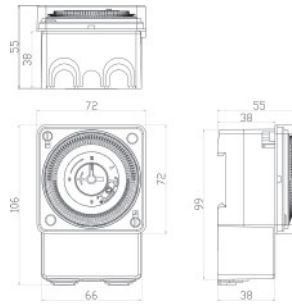
Ratings:

Motor: 220-240V AC 50Hz
 Temperature rating T55
 Switch type: changeover
 Rating: 16A resistive / 8A inductive
 Not suitable for direct switching of lighting types: Fluorescent, HID, SON, LED
 Use a contactor for discharge lamps
 Suitable for fitting to surface or flush mounted socket box. For fixed wiring only.
 Class II control / Protection class IP20

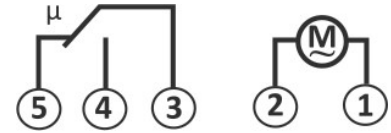
Model# HB-TS211.1



Dimensions:



Wiring Diagrams:



Features

- 220-240 V / 50 Hz
- Daily Programme
- 1 Channel
- Manual Switch: Automatic fix ON/OFF
- Shortest switching time: 15 min
- Programmable: every 15 min
- Quartz drive
- 48 Hour battery back-up

Applicants

- *Lighting Control *Access Control * refrigerator
- *General Electrical Circuits * Pump Control * Motor Control
- *Fan Control

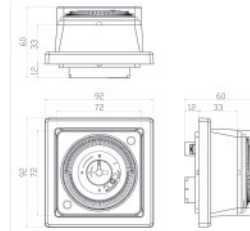
Ratings:

Motor: 220-240V AC 50Hz
 Temperature rating T45
 Switch type: changeover
 Rating: 16A resistive / 8A inductive
 Not suitable for direct switching of lighting
 types: Fluorescent, HID, SON, LED
 Use a contactor for discharge lamps
 Class II control / Protection class IP20

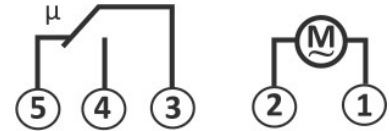
Model# HB-SBSW



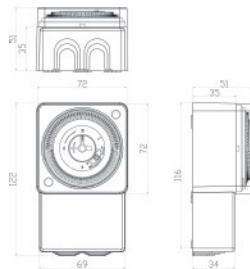
Dimensions:



Wiring Diagrams:



Model# HB-IHTGPW



Features

- 7 Day Synchronous
- Min switching 2 hours
- Single channel
- Synchronous without reserve
- Daily programme
- 15 Minute tappet intervals
- 16 Amp resistive, 8 Amp inductive
- Volt free SPDT contacts
- Incandescent lamp load 1300w
- Surface, flush and DIN rail mounting
- Not suitable for discharge or LED lighting without a contactor

Applicants

- *Lighting Control *Access Control * refrigerator
- *General Electrical Circuits * Pump Control * Motor Control
- *Fan Control

Ratings:

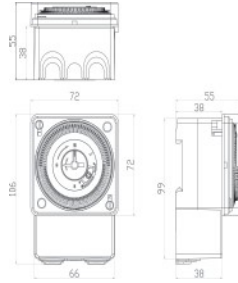
Motor: 220-240V AC 50Hz
 Temperature rating T45
 Switch type: changeover
 Rating:
 16A resistive / 8A inductive
 Not suitable for direct switching of lighting
 types: HID, SON, LED—use a contactor
 Class II control / Protection class IP20

Model# HB-TS171.1

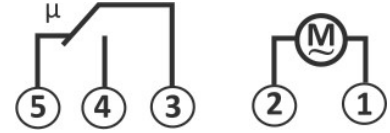


UK
CA CE

Dimensions:



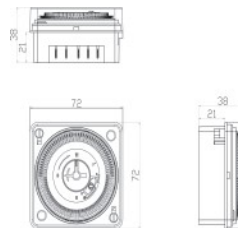
Wiring Diagrams:



Model# HB-TS7D



UK
CA CE



Features

- 220-240 V / 50 Hz
- Weekly Programme
- 1 Channel
- Manual Switch: Automatic fix ON/OFF
- Clock face
- Shortest switching time: 2 hour
- Programmable: every 2 hour
- Synchronous drive

Applicants

- *Lighting Control *Access Control * refrigerator
- *General Electrical Circuits * Pump Control * Motor Control
- *Fan Control

Ratings:

Motor: 220-240V AC 50Hz
 Temperature rating T45
 Switch type: changeover
 Rating: 16A resistive / 8A inductive
 Not suitable for direct switching of lighting
 types: Fluorescent, HID, SON, LED
 Use a contactor for discharge lamps
 Class II control / Protection class IP20



Model# HB-ECOSAVE



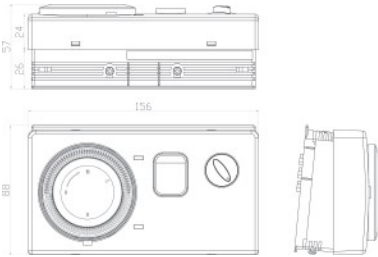
Features

Economy 7 / Multi Tariff Timer
Min switching 15 Minutes

Applicants

This timer controls the use of cheap rate electricity during the night to heat the water

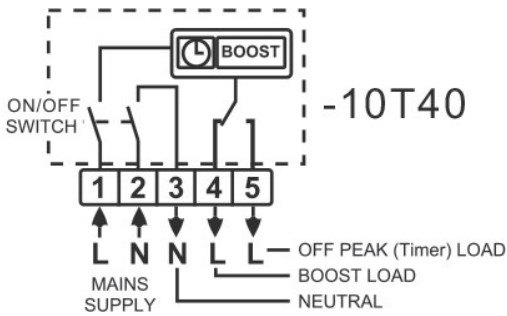
Dimensions:



Ratings:

Voltage: 220-240V AC 50Hz
Max Ambient Temperature: 40 C
Max Current: 16A resistive / 2A inductive
Boost: adjustable between 15 and 120 min
Fitting: Surface mounting
Dims (mm): 86H x 155W x 55D
Protection Category: IP20

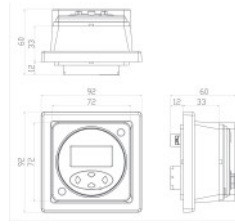
Wiring Diagrams:



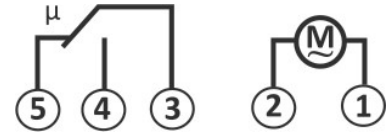
Model# HB-SBSDIGI



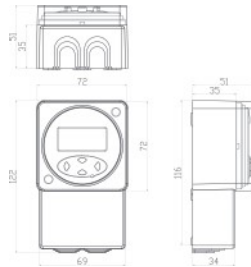
Dimensions:



Wiring Diagrams:



Model# HB-IHTDIGI



Features

- General purpose Timer switch for surface mounting
- 24 Hour and 7 day programming
- 16Amp resistive, 4 Amp inductive
- Minimum setting: 1 minute
- Not suitable for discharge or LED lighting without a contactor
- 24 On/Off programme
- Temperature rating: T45
- Running reserve: 3 years from factory @ 20°C
- Volt free SPDT contacts (remove link)
- Earth park terminal and cable clamps
- Manual override fix on / timed / fix off / Random/ Countdown

Random Setting:

If the Random switching feature is enabled it will cause the timer to switch on/off +/- 28 minutes around the set time.

E.g. The random setting time is: 8:00-9:00, the “ON” time could be any time within 7:32-8:28 and “OFF” time could be any time between 8:32-9:28

Ratings:

Voltage: 220-240V AC 50-60Hz

Temperature rating T45

Switch type: changeover

Rating:

16A resistive / 4A inductive

Not suitable for direct switching of lighting

types: HID, SON, LED—use a contactor

Class II control / Protection class IP20

Applicants

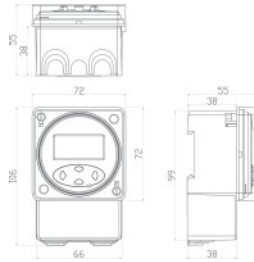
- Machinery control
- Heating systems control
- Devices, motors and pumps controls



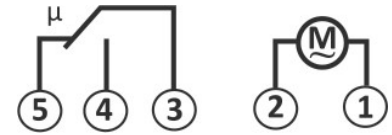
Model# HB-TS371.1



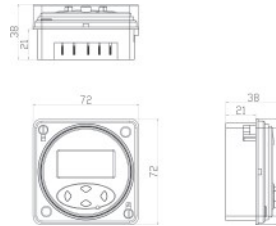
Dimensions:



Wiring Diagrams:



Model# HB-TSDIGI



Features

- General purpose Timer switch for surface mounting
- 24 Hour and 7 day programming
- 16Amp resistive, 4 Amp inductive
- Minimum setting: 1 minute
- Not suitable for discharge or LED lighting without a contactor
- 24 On/Off programme
- Temperature rating: T45
- Running reserve: 3 years from factory @ 20°C
- Volt free SPDT contacts (remove link)
- Earth park terminal and cable clamps
- Manual override fix on / timed / fix off / Random/ Countdown

Random Setting:

If the Random switching feature is enabled it will cause the timer to switch on/off +/- 28 minutes around the set time.

E.g. The random setting time is: 8:00-9:00, the “ON” time could be any time within 7:32-8:28 and “OFF” time could be any time between 8:32-9:28

Ratings:

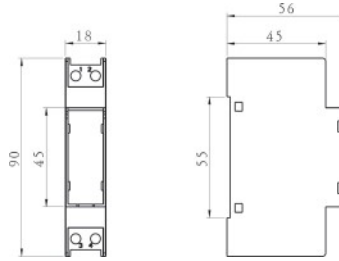
Voltage: 220-240V AC 50-60Hz
 Temperature rating T45
 Switch type: changeover
 Rating:
 16A resistive / 4A inductive
 Not suitable for direct switching of lighting types: HID, SON, LED—use a contactor
 Class II control / Protection class IP20

Applicants

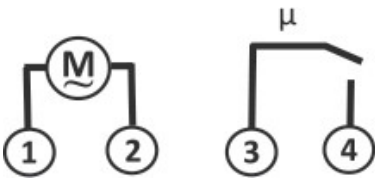
- Machinery control
- Heating systems control
- Devices, motors and pumps controls

Model# OZ-3

Dimensions:



Wiring Diagrams:



Features

- General purpose Timer switch for surface mounting
- 24 Hour and 7 day programming
- 16Amp resistive, 2 Amp inductive
- Minimum setting: 1 minute
- 6 On/Off programme

Applicants

- Machinery control
- Heating systems control
- Devices, motors and pumps controls

Ratings:

Single channel (normally open switching)

16A (2A) volt-free

Minimum switching time 1 minute

Programme capacity 6 ON / 6 OFF

Supply requirement 230V 50Hz

Liquid Crystal Display / 4mm characters

Accuracy +/- 2.5 secs / day

Reserve 100 hours

Manual override

Terminal capacity 2.5mm² maximum

Dimensions 18mm width (1 module), depth (from Din rail) 55mm, height 90mm



Model# HB-SBWF01



UK
CA CE

Model# HB-SBWF02



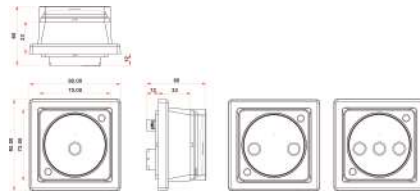
UK
CA CE

Model# HB-SBWF03

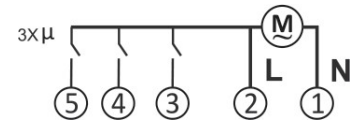
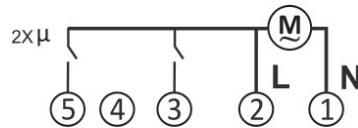
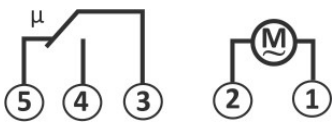


UK
CA CE

Dimensions:



Wiring Diagrams:



Description

HB-SBWF01/02/03 is a WiFi Socket Box Time Switch. Remotely programmable via the user's home WiFi hub and a smartphone app. Via the app it can be programmed for a timed switching sequence on a 24 hour or 7 day basis.

It controls a volt-free switch with a resistive rating of 16 amperes. There is a manual override button on the device, or it can be manually overridden via the app, whether the user is in wifi range, or remotely if the smartphone has a data signal.

Additional WiFi switches can be added to the system - a standard WiFi router has capacity for up to 15 devices. Devices can be grouped, and work with either amazon alexa or google home. Security is military grade A.E.S. encryption, with dynamic key allocation and an https encrypted channel.

Ratings:

- General Purpose Timer switch
- Designed To Mount Directly Over A Single Pattress
- 24 Hour / 7 Day Programming
- Day Group Programming
- Timed On/Off
- Override On/Off Button
- 15 On/off Programme
- Minimum Setting 1 Minute
- Countdown Function: Countdown On or Off
- 16 Amp Resistive, 4 Amp Inductive
- Volt Free Spdt Contacts
- Wlan 802.11 b/g/n
- Security: A.E.S. + Dynamic Key

Applicants

- * Lighting Control
- * Access Control
- * Refrigerator
- * General Electrical Circuits
- * Pump Control
- * Motor Control
- * Fan Control

Model# HB-IHTWF01 Model# HB-IHTWF02 Model# HB-IHTWF03



UK
CA CE

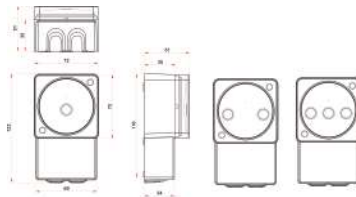


UK
CA CE

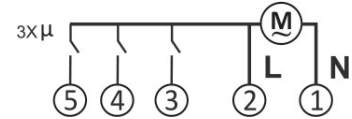
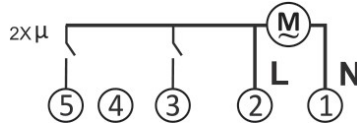
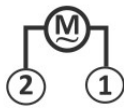
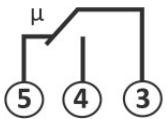


UK
CA CE

Dimensions:



Wiring Diagrams:



Description

HB-IHTWF01 is a WiFi Universal Boiler Module or Immersion Heater Control. Remotely programmable via the user's home WiFi hub and a smartphone app. Via the app it can be programmed for a timed switching sequence on a 24 hour or 7 day basis. It controls a volt-free switch with a resistive rating of 16 amperes.

There is a manual override button on the device, or it can be manually overridden via the app, whether the user is in wifi range, or remotely if the smartphone has a data signal.

Additional WiFi switches can be added to the system - a standard WiFi router has capacity for up to 15 devices. Devices can be grouped, and work with either amazon alexa or google home.

Security is military grade A.E.S. encryption, with dynamic key allocation and an https encrypted channel.

Ratings:

Surface mounting

- 24 Hour / 7 Day programming
- Day group programming
- Timed On/Off
- Override On/Off button
- Programme Capacity: 15 ON/OFF Programme
- Minimum setting 1 minute
- Countdown Function: Countdown ON or OFF
- 16 Amp resistive, 4 Amp inductive
- Volt free SPDT contacts
- WLAN 802.11 b/g/n
- Security: A.E.S. + DYNAMIC KEY
- Volt free SPDT contacts (remove link)
- Earth park terminal and cable clamps

Applicants

- * Lighting Control
- * Access Control
- * Refrigerator
- * General Electrical Circuits
- * Pump Control
- * Motor Control
- * Fan Control

Model# HB-TSWF01

Model# HB-TSWF02

Model# HB-TSWF03



UK
CA CE

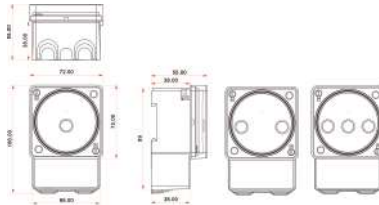


UK
CA CE

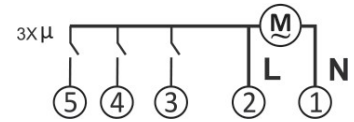
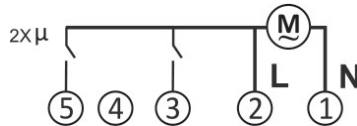
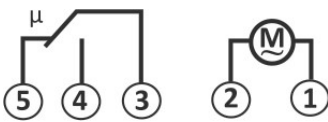


UK
CA CE

Dimensions:



Wiring Diagrams:



Description

HB-TSWF01/02/03 is a WiFi Socket Box Time Switch. Remotely programmable via the user’s home WiFi hub and a smartphone app. Via the app it can be programmed for a timed switching sequence on a 24 hour or 7 day basis. It controls a volt-free switch with a resistive rating of 16 amperes.

There is a manual override button on the device, or it can be manually overridden via the app, whether the user is in wifi range, or remotely if the smartphone has a data signal.

Additional WiFi switches can be added to the system - a standard WiFi router has capacity for up to 15 devices. Devices can be grouped, and work with either amazon alexa or google home. Security is military grade A.E.S. encryption, with dynamic key allocation and an https encrypted channel.

Ratings:

- General Purpose Timer switch
- Designed To Mount Directly Over A Single Pattress
- 24 Hour / 7 Day Programming
- Day Group Programming
- Timed On/Off
- Override On/Off Button
- 15 On/off Programme
- Minimum Setting 1 Minute
- Countdown Function: Countdown On or Off
- 16 Amp Resistive, 4 Amp Inductive
- Volt Free Spdt Contacts
- Wlan 802.11 b/g/n
- Security: A.E.S. + Dynamic Key

Applicants

- * Lighting Control
- * Access Control
- * Refrigerator
- * General Electrical Circuits
- * Pump Control
- * Motor Control
- * Fan Control

Model# HB-111.2WF01 Model# HB-111.2WF02 Model# HB-111.2WF03



UK
CA CE

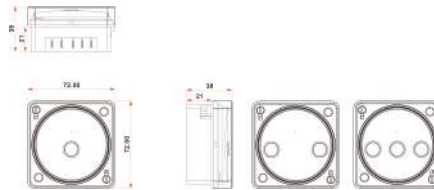


UK
CA CE

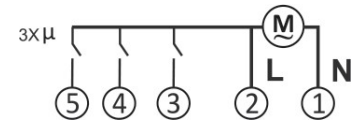
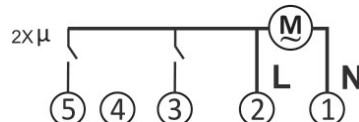
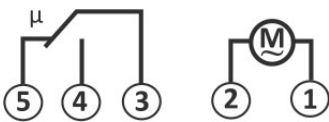


UK
CA CE

Dimensions:



Wiring Diagrams:



Description

OP-111.2WF01/02/03 is a WiFi Socket Box Time Switch. Remotely programmable via the user's home WiFi hub and a smartphone app. Via the app it can be programmed for a timed switching sequence on a 24 hour or 7 day basis. It controls a volt-free switch with a resistive rating of 16 amperes.

There is a manual override button on the device, or it can be manually overridden via the app, whether the user is in wifi range, or remotely if the smartphone has a data signal.

Additional WiFi switches can be added to the system - a standard WiFi router has capacity for up to 15 devices. Devices can be grouped, and work with either amazon alexa or google home. Security is military grade A.E.S. encryption, with dynamic key allocation and an https encrypted channel.

Ratings:

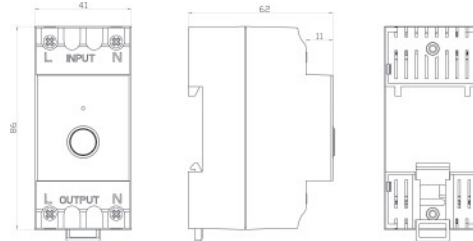
- General Purpose Timer switch
- Designed To Mount Directly Over A Single Pattrass
- 24 Hour / 7 Day Programming
- Day Group Programming
- Timed On/Off
- Override On/Off Button
- 15 On/off Programme
- Minimum Setting 1 Minute
- Countdown Function: Countdown On or Off
- 16 Amp Resistive, 4 Amp Inductive
- Volt Free Spdt Contacts
- Wlan 802.11 b/g/n
- Security: A.E.S. + Dynamic Key

Applicants

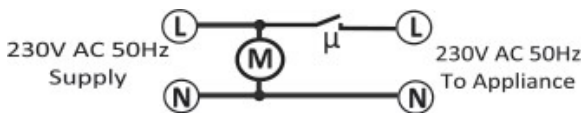
- * Lighting Control
- * Access Control
- * Refrigerator
- * General Electrical Circuits
- * Pump Control
- * Motor Control
- * Fan Control

Model# HB-5002

Dimensions:



Wiring Diagrams:



Description

HB-5002 is a WiFi DIN-Rail Timeswitch. Remotely programmable via the user’s home WiFi hub and a smartphone app. Via the app it can be programmed for a timed switching sequence on a 24 hour or 7 day basis. It controls a volt-free switch with a resistive rating of 16 amperes. There is a manual override button on the device, or it can be manually overridden via the app, whether the user is in wifi range, or remotely if the smartphone has a data signal. Additional WiFi switches can be added to the system - a standard WiFi router has capacity for up to 15 devices. Devices can be grouped, and work with either amazon alexa or google home. Security is military grade A.E.S. encryption, with dynamic key allocation and an https encrypted channel.

Ratings:

- Din Rail Mounting
- 24 Hour / 7 Day Programming
- Day Group Programming
- Timed On/Off
- Override On/Off button
- Programme Capacity: 15 ON/OFF Programme
- Minimum Setting 1 Minute
- Countdown Function: Countdown ON or OFF
- 16 Amp Resistive, 4 Amp Inductive
- Volt Free SPDT Contacts
- WLAN 802.11 b/g/n
- Security: A.E.S. + Dynamic Key

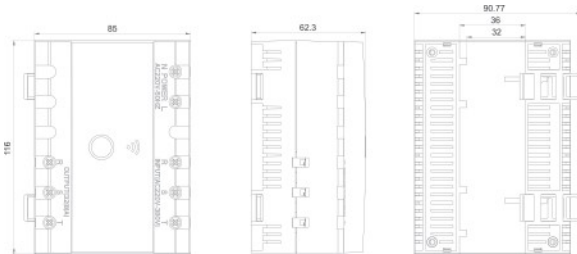
Applicants

- * Lighting Control
- * Access Control
- * Refrigerator
- * General Electrical Circuits
- * Pump Control
- * Motor Control
- * Fan Control

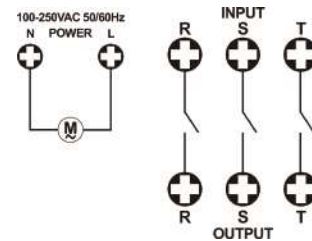
Model# HB-5009



Dimensions:



Wiring Diagrams:



Description

HB-5009 is a WiFi DIN-Rail Timeswitch. Remotely programmable via the user's home WiFi hub and a smartphone app. Via the app it can be programmed for a timed switching sequence on a 24 hour or 7 day basis. It controls a volt-free switch with a resistive rating of 16 amperes. There is a manual override button on the device, or it can be manually overridden via the app, whether the user is in wifi range, or remotely if the smartphone has a data signal. Additional WiFi switches can be added to the system - a standard WiFi router has capacity for up to 15 devices. Devices can be grouped, and work with either amazon alexa or google home. Security is military grade A.E.S. encryption, with dynamic key allocation and an https encrypted channel.

Ratings:

- Din Rail Mounting
- 24 Hour / 7 Day Programming
- Day Group Programming
- Timed On/Off
- Override On/Off button
- Programme Capacity: 15 ON/OFF Programme
- Minimum Setting 1 Minute
- Countdown Function: Countdown ON or OFF
- 32 Amp Resistive, 2.5 Amp Inductive
- Volt Free SPDT Contacts
- WLAN 802.11 b/g/n
- Security: A.E.S. + Dynamic Key

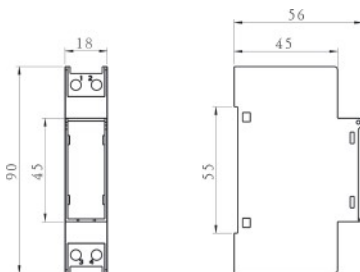
Applicants

- * Lighting Control
- * Access Control
- * Refrigerator
- * General Electrical Circuits
- * Pump Control
- * Motor Control
- * Fan Control

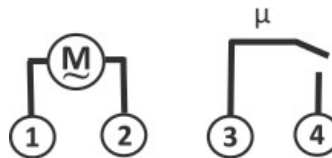
Model# OZ-3W



Dimensions:



Wiring Diagrams:



Description

OZ-3W is a WiFi DIN-Rail Timeswitch. Remotely programmable via the user's home WiFi hub and a smartphone app. Via the app it can be programmed for a timed switching sequence on a 24 hour or 7 day basis. It controls a volt-free switch with a resistive rating of 16 amperes. There is a manual override button on the device, or it can be manually overridden via the app, whether the user is in wifi range, or remotely if the smartphone has a data signal. Additional WiFi switches can be added to the system - a standard WiFi router has capacity for up to 15 devices. Devices can be grouped, and work with either amazon alexa or google home. Security is military grade A.E.S. encryption, with dynamic key allocation and an https encrypted channel.

Ratings:

- Din Rail Mounting
- 24 Hour / 7 Day Programming
- Day Group Programming
- Timed On/Off
- Override On/Off button
- Programme Capacity: 15 ON/OFF Programme
- Minimum Setting 1 Minute
- Countdown Function: Countdown ON or OFF
- 16 Amp Resistive, 2 Amp Inductive
- Volt Free SPDT Contacts
- WLAN 802.11 b/g/n
- Security: A.E.S. + Dynamic Key

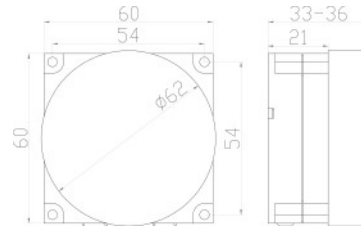
Applicants

- * Lighting Control
- * Access Control
- * Refrigerator
- * General Electrical Circuits
- * Pump Control
- * Motor Control
- * Fan Control

Model# HB-FM1STUHO



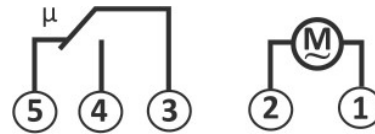
Dimensions:



Model# HB-FM1STUZH



Wiring Diagrams:



Model# HB-FM1STUZH7D



Description

HB-FM1STUHO and HB-FM1STUZH timer is a 24 hour Timer switch module used for in-boiler control applications.

When set it will automatically switch the heating on and off. A built-in manual override switch allows for manual control at any time.

HB-FM1STUZH7D timer is a 7 dayTimer switch module used for in-boiler control applications.

When set it will automatically switch the heating on and off. A built-in manual override switch allows for manual control at any time.

Applicants

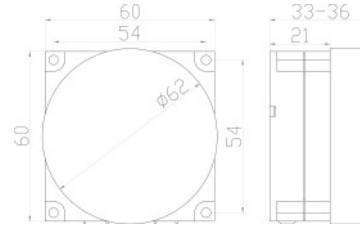
- Machinery control
- Lights control
- Devices, motors controls

Ratings:

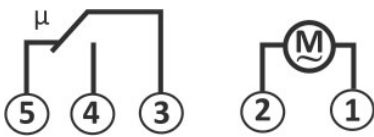
- Motor: 220-240V AC 50Hz
- Temperature rating T45
- Switch type: changeover
- Rating: 16A resistive /4A inductive
- Not suitable for direct switching of lighting types: Fluorescent, HID, SON, LED
- Use a contactor for discharge lamps
- Class II control / Protection class IP20

Model# HB-DIGI

Dimensions:



Wiring Diagrams:



Description

- 24 Hour and 7 day programming
- 16Amp resistive, 4 Amp inductive
- Minimum setting: 1 minute
- Not suitable for discharge or LED lighting without a contactor
- 20 On/Off programme
- Temperature rating: T45
- Running reserve: 3 years from factory @ 20°C
- Volt free SPDT contacts (remove link)
- Earth park terminal and cable clamps
- Manual override fix on / timed / fix off / Random/ Countdown

Random Setting:

If the Random switching feature is enabled it will cause the timer to switch on/off +/- 28 minutes around the set time.

E.g. The random setting time is: 8:00-9:00, the “ON” time could be any time within 7:32-8:28 and “OFF” time could be any time between 8:32-9:28

Applicants

- Machinery control
- Heating systems control
- Devices, motors and pumps controls

Ratings:

Voltage: 220-240V AC 50-60Hz

Temperature rating T45

Switch type: changeover

Rating:

16A resistive / 4A inductive

Not suitable for direct switching of lighting

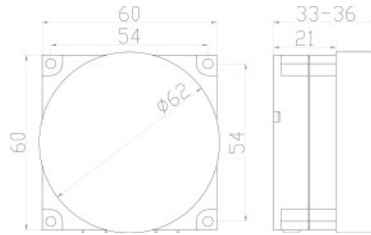
types: HID, SON, LED—use a contactor

Class II control / Protection class IP20

Model# HB-FMWF01



Dimensions:

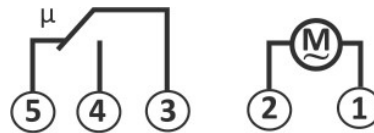


Model# HB-FMWF02



Wiring Diagrams:

Model# HB-FMWF03



Description

HB-FMWF01/02/03 is a WiFi Timer Module. Remotely programmable via the user's home WiFi hub and a smartphone app. Via the app it can be programmed for a timed switching sequence on a 24 hour or 7 day basis.

It controls a volt-free switch with a resistive rating of 16 amperes. There is a manual override button on the device, or it can be manually overridden via the app, whether the user is in wifi range, or remotely if the smartphone has a data signal.

Additional WiFi switches can be added to the system - a standard WiFi router has capacity for up to 15 devices. Devices can be grouped, and work with either amazon alexa or google home. Security is military grade A.E.S. encryption, with dynamic key allocation and an https encrypted channel.

Ratings:

General Purpose Timer switch
 Designed To Mount Directly Over A Single Pattress
 24 Hour / 7 Day Programming
 Day Group Programming
 Timed On/Off
 Override On/Off Button
 15 On/off Programme
 Minimum Setting 1 Minute
 Countdown Function: Countdown On or Off
 16 Amp Resistive, 4 Amp Inductive
 Volt Free Spdt Contacts
 Wlan 802.11 b/g/n
 Security: A.E.S. + Dynamic Ke

Applicants

- * Lighting Control
- * Access Control
- * Refrigerator
- * General Electrical Circuits
- * Pump Control
- * Motor Control
- * Fan Control



Timermatic

Professional Time Switches

 Website: [Http://www.timermatic.com](http://www.timermatic.com)

 Email: info@happy-elec.com

 Address: Dongfan, Henghe Town, Cixi City, Zhejiang, China, 315318



HappyElec