



A **theben** Group Company

a u t u m n / w i n t e r 2 0 1 2



New Faces to our timer range

Featuring the latest time control
solutions from Timeguard.

www.timeguard.com

Time for Precision!

Introducing the New range of Compact Timeswitches from Timeguard!



NTT02

A range of new compact analogue and digital timeswitches for single BS flush or surface box mounting with a choice of styles and functionality. Multiple timing choices are available with easy programming, manual override, boost control and full switching status. Ideal for economical and convenient control of immersion heater systems, lighting and general appliances. Voltage free contact models included for connection to lower voltage source.

- 24 hour segment or 7 day digital timing.
- Quick-set 24 hour segment dial with up to 48 ON/48 OFF programmes per week.
- Digital programming with up to 4 ON/4 OFF easy set programme periods per day (28 ON/28 OFF programmes per week).
- Up to 16(8)A load rating.
- Switches up to 750W incandescent or halogen lighting/750W fluorescent lighting/100W compact fluorescent lighting (CFL's). Not suitable for discharge lighting.
- Extra large 'Easy View' screen with blue LED backlighting.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Large easy push programme buttons.
- Self-cancelling override button to next programme change.
- Optional 1 and 2 hour boost button.
- Automatic Summer/Winter changeover.
- 720 hours rechargeable memory back-up.
- Voltage free contacts.
- Fit a standard flush or surface mount box min. 32mm deep.



NTT04



Special 'Traffic Light' slider switch for easy ON (green), AUTO (green & red) and OFF (red) mode indication.

Extra large 'Easy View' screen with blue LED backlighting.



For further information & product specifications visit timeguard.com

compact time controllers



NTT01

NTT02

NTT01

24 Hour Compact Immersion Heater Timeswitch

- 16(6)A load rating.
- 96 quick-set segments for up to 48 ON/48 OFF programmes.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Special 'Traffic Light' slider switch for easy ON (green), Auto (green & red) and OFF (red) mode indication.
- Switches ON and OFF at preset times.
- Easy to use captive segment dial.
- Permanent ON/OFF control.
- Fits a standard flush or surface mount box min. 32mm deep.

NTT02

24 Hour Compact General Purpose Timeswitch with Voltage Free Contacts

Shares the same features and benefits of the NTT01 plus voltage free contacts.

- 16(8)A load rating.
- 96 quick-set segments for up to 48 ON/48 OFF programmes.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Special 'Traffic Light' slider switch for easy ON (green), Auto (green & red) and OFF (red) mode indication.
- Switches up to 750W incandescent or halogen lighting/750W fluorescent lighting/100W compact fluorescent lighting (CFL's). Not suitable for discharge lighting.
- Voltage free contacts.



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NTT03



NTT04

NTT03

24 Hour/7 Day Compact Electronic Immersion Heater Timeswitch

- 16(4)A load rating.
- 4 ON/4 OFF easy-set programme periods per day, 28 ON/28 OFF programmes per week.
- Shortest switching time 1 minute.
- Extra large 'Easy View' screen with blue LED backlighting.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Large easy push programme buttons.
- Self-cancelling override button to next programme change.
- Optional 1 and 2 hour boost button.
- Automatic Summer/Winter changeover.
- 720 hours rechargeable memory back-up.
- Fits a standard flush or surface mount box min. 32mm deep.

NTT04

24 Hour/7 Day Compact Electronic General Purpose Timeswitch with Voltage Free Contacts

Shares the same features and benefits of the NTT03 plus voltage free contacts.

- 16(4)A load rating.
- Switches up to 750W incandescent or halogen lighting/750W fluorescent lighting/100W compact fluorescent lighting (CFL's). Not suitable for discharge lighting.
- Voltage free contacts.



Look out for our wide range of energy saving products saving you money, energy and helping the environment by reducing your carbon footprint.

Time to Save Energy

Our new slimline General Purpose Timeswitches offer total control.

NTT06

NTT08

Timeguard's new range of Slimline surface mount General Purpose timeswitches with analogue and digital displays for all types of installations including the economical control of immersion heater systems, lighting and general electrical appliances. A range with multiple timing choices including 24 hour, 7 day, 1 and 2 hour boost control, manual override and automatic Summer/Winter changeover. Voltage free contact models included for connection to lower voltage source.

- 24 hour segment or 7 day digital timing.
- Quick-set segment 24 hour dial with up to 48 ON/48 OFF programmes per week.
- Digital programming with up to 4 ON/4 OFF easy set programme periods per day (28 ON/28 OFF programmes per week).
- Special 'easy slide' programme cover to prevent accidental programme changes (NTT08).
- Up to 16(8)A load rating.
- Switches up to 750W incandescent or halogen lighting/750W fluorescent lighting/100W compact fluorescent lighting (CFL's). Not suitable for discharge lighting.
- Extra large 'Easy View' screen with blue LED backlighting.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Self-cancelling override button to next programme change.
- Optional 1 and 2 hour boost button.
- Automatic Summer/Winter changeover.
- 720 hours rechargeable memory back-up.
- Voltage free contacts.

NTT08

7 Day Slimline Electronic Immersion Heater Timeswitch

- 16(4)A load rating.
- Special 'easy slide' programme cover to prevent accidental programme changes.
- 4 ON/4 OFF easy-set programme periods per day, 28 ON/28 OFF programmes per week.
- Shortest switching time 1 minute.
- Extra large 'Easy View' screen with blue LED backlighting.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Large easy push programme buttons.
- Self-cancelling override button to next programme change.
- Optional 1 and 2 hour boost button.
- Automatic Summer/Winter changeover.
- 720 hours rechargeable memory back-up.



For further information & product specifications visit timeguard.com

Extra large 'Easy View' screen with blue LED backlighting.

slimline time controllers



Special 'Traffic Light' slider switch for easy ON (green), AUTO (green & red) and OFF (red) mode indication.



NTT05

NTT05

24 Hour Slimline General Purpose Timeswitch

- 16(8)A load rating.
- 96 quick-set segments for up to 48 ON/48 OFF programmes.
- Switches up to 750W incandescent or halogen lighting/750W fluorescent lighting/100W compact fluorescent lighting (CFL's). Not suitable for discharge lighting.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Special 'Traffic Light' slider switch for easy ON (green), Auto (green & red) and OFF (red) mode indication.
- Switches ON and OFF at preset times.
- Easy to use captive segment dial.
- Permanent ON/OFF control.
- Voltage free contacts.



Application Options

Ideal for economical control of immersion heater systems, lighting and general electrical appliances.



NTT06



NTT07

NTT06

24 Hour Slimline Electronic General Purpose Timeswitch

- 16(4)A load rating.
- 4 ON/4 OFF easy-set programme periods per day.
- Shortest switching time 1 minute.
- Switches up to 750W incandescent or halogen lighting/750W fluorescent lighting/100W compact fluorescent lighting (CFL's). Not suitable for discharge lighting.
- Extra large 'Easy View' screen with blue LED backlighting.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Large easy push programme buttons.
- Self-cancelling override button to next programme change.
- Optional 1 and 2 hour boost button.
- Automatic Summer/Winter changeover.
- 720 hours rechargeable memory back-up.
- Voltage free contacts.

NTT07

7 Day Version

Shares the same features and benefits of the NTT06 plus:

- 16(4)A load rating.
- 28 ON/28 OFF easy-set programme periods per week.
- Voltage free contacts.

A Timely Boost!

Press the button for instant ON/OFF control and walk away knowing you're saving energy and money.



FST17A

Simply install our new Electronic Boost Timers which automatically countdown the selected time period you set, making them ideal for immersion heaters, heated mirrors, towel rails and lighting applications. We have also 'boosted' our 24 hour and 7 day Fused Spur Timeswitches (FST11A & FST17A) incorporating a 1 and 2 hour boost facility as well as automatic Summer/Winter changeover.

Reliable Timing... when you need it!

- 13(6)A load rating.
- SupplyMaster 24 hour and 7 day options with up to 42 ON/42 OFF programmes per week.
- Switches up to 1500W of incandescent or halogen lighting. Not suitable for discharge lighting.
- Boost timer countdown selections from 1/4 hour up to 4 hours.
- Fit a standard flush or surface mount box min. 25mm deep.
- Automatic Summer/Winter time changeover.
- SupplyMaster fitted with DP switch and BS1362 fuse (replaceable from front).
- Easy push button selections with clear output status.
- Memory back-up retains set programmes in the event of a power failure.
- Self-cancelling override to next programme change.
- Ideal for immersion heaters, room heaters, towel rails and lighting applications.



TGBT4



Easy push button selections with clear output status.



Boost timer countdown selections from 1/4 hour up to 4 hours.



Save Money
Save Energy
Reduce Emissions
On All These Products

Look out for our wide range of energy saving products saving you money, energy and helping the environment by reducing your carbon footprint.



TGBT5

TGBT4

TGBT4

2 Hour Electronic Boost Timer

The TGBT4 is a boost timer for immersion and room heaters. Simply press the button to increase the ON time for up to 2 hours.

- Automatic timer countdown selection for up to 2 hours – 13A (3kW) loading.
- Up to 4 ON times can be selected: 1/4 hour, 1/2 hour, 1 hour and 2 hours.
- Ideal for immersion and room heaters automatically switching OFF at end of time period set.
- Easy push button selection with clear LED output status.
- Fits a standard flush or surface mount BS wall box min. 25mm deep.
- Typical applications such as immersion heaters, room heaters, heated mirrors, towel rails and lighting.

TGBT5

4 Hour Electronic Boost Timer

- Automatic timer countdown selection for up to 4 hours – 13A (3kW) loading.
- Up to 4 ON times can be selected: 1 hour, 2 hours, 3 hours and 4 hours.



TGBT6

Plug-in 2 Hour Electronic Boost Timer

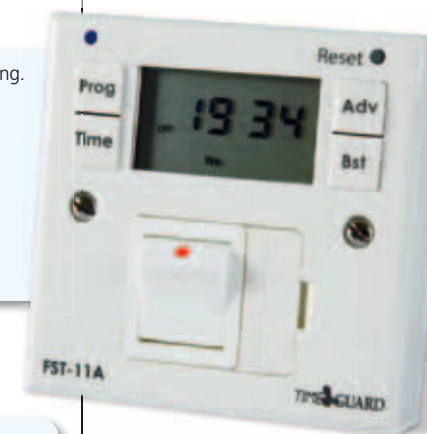
Simple and convenient plug-in version – the TGBT6 2 hour electronic boost timer shares the features and benefits of the TGBT4 with 1/4 hour, 1/2 hour, 1 hour and 2 hours countdown timing selections.



For further information & product specifications visit timeguard.com



Email csc@timeguard.com Website www.timeguard.com



FST11A



FST17A

FST11A

SupplyMaster 24 Hour Fused Spur Timeswitch

Digital time control for immersion heaters, storage heaters, convector heaters, water heaters etc.

- Up to 4 ON and OFF programmes per day.
- Permanent OFF and timed outputs available.
- Easy view 24 hour digital clock/timer display.
- Optional 1 or 2 hour boost facility.
- Automatic summer/winter time correction.
- Self-cancelling override.
- Shortest switching time 1 minute.
- Programme advance and review options.
- BS1362 fuse replaceable from front.
- Double pole switch for ease of control.
- Integral memory back up battery retains programmes in event of power failure.
- Fits a single gang wall box min. 25mm deep.

FST17A

SupplyMaster 7 Day Fused Spur Timeswitch

Shares all the features and benefits of the FST11A, plus weekday/ weekend (5–2) or individual day (7) programming. Six programmes are available and if selected to operate over all 7 days, 42 ON & OFF switchings per week can be used.

Time to Take Control!

Reliable Timing when you need it with a choice of styles, functionality and multiple timing choices.



E169S

TR 635 top

Our updated range of electro-mechanical and digital trade timeswitches offer the perfect solution for controlling boilers, storage, convactor and water heaters, central heating systems and all manner of industrial equipment and machinery up to 20 Amps.

- 20(12)A load rating.
- Multiple timing choices including 24 hour, 7 day, random and pulse (0 – 59 seconds) settings.
- Analogue or digital display with multiple channel selection.
- Automatic Summer/Winter time changeover.
- Up to 112 memory locations – 56 different ON/OFF operations per week.
- Self-cancelling override until next programme change.
- Shortest switching time 1 minute.
- Up to 10 years power reserve (lithium battery).
- Permanent ON/OFF switch.
- Voltage free change-over contacts.



For further information & product specifications visit timeguard.com

TR 635 top

24 Hour/7 Day/Random/Pulse 16A Digital Timeswitch

- 16(10)A digital timeswitch with weekly programme.
- Text-oriented user guidance in display.
- Preset date and time fully operable without mains connection.
- 42 memory locations.
- 10 year power reserve (lithium battery).
- Pulse and cycle programme.
- Switching preselection.
- Permanent switching ON/OFF.
- Holiday and random programme.
- PIN coding.
- Automatic summer/winter time changeover.
- 72 x 72mm plug-in base surface mount.

TR 636 top

24 Hour/7 Day 2 Channel/Pulse 2x6A Digital Timeswitch

- 2 channels with a total of 42 memory locations allocated between them in any proportion.

Multiple timing choices including 24 hour, 7 day, random and pulse (0 – 59 seconds) settings.



trade time controllers

Clock hands for time display and easy set captive segment dial.



E169S

E269H

E169S

24 Hour Segment 20(12)A Timeswitch

Captive segment setting dial with a maximum of 48 ON & OFF programmes per day.

- 20(12)A analogue timeswitch.
- 1 channel.
- Synchronised with mains.
- Daily programme.
- 96 switching segments.
- Shortest switching time 15 minutes.
- Clock hands for time display.
- Switching preselection.
- Permanent ON/OFF switch.
- Simple summer/winter time correction.
- Time can be changed clockwise or anti-clockwise.
- Optional panel mount (clip included).
- Tamper proof transparent dial cover.

E269H

24 Hour/7 Day 20(12)A Timeswitch

Surface mount with changeover dial to allow either 24 hour or 7 day operation with colour coded switching tappets.

- 20(12)A analogue timeswitch with daily or weekly programmes (switching disc can be turned).
- 32 tappets included on switch.
- Shortest switching time 20 minutes or 2 hours.
- Switching status display.



Look out for our wide range of energy saving products saving you money, energy and helping the environment by reducing your carbon footprint.



ELU56/ELU5620

RTS113/RTS114

ELU56

7 Day 16 Amp Electronic Timeswitch

16A version with 8 independent programme selections per day allowing 56 different ON/OFF operations per week.

- 16(6)A (3.68kW) loading.
- 72 x 72mm plug-in base surface mount.
- 112 memory locations – 56 different ON/OFF operations per week.
- Self-cancelling override until next programme change.
- Shortest switching time 1 minute.
- Programme suspension.
- 1000 hours rechargeable memory back-up.

ELU5620

7 Day 20 Amp Electronic Timeswitch

- 20(8)A (4.6kW) loading.
- Can be used with up to 3000W of fluorescent or low energy lighting and up to 3000W of filament lighting. Can also be used with up to a 2hp motor and up to 1000W of discharge lighting.

RTS113

24 Hour/Half Day & Day Omit 3 Pin 20A Round Pattern Timeswitch

Electro-mechanical round pattern double insulated time controller comes with a 3 pin wireable base. It is compatible with the base used for the single channel ON/OFF mains linked industry standard round pattern timeswitch.

- Up to 24 ON/OFF programmes in a 24 hour period.
- Half day(s) and day(s) omit facility, unlimited over a 7 day period.
- Permanent ON facility (with a prominent visual indicator) accessible without removing the transparent cover.
- Minimum ON time is 30 minutes which can be incremented in 15 minute steps.
- Transparent cover can be locked.

RTS114

24 Hour/Half Day & Day Omit 4 Pin 20A Round Pattern Timeswitch

Shares all the features and benefits of the RTS113 but has voltage free contacts and a 4 pin industry standard round pattern timeswitch base.



Time and Motion!

OEM Timer Modules for accurate, cost effective time control.



NTM01

NTM02

Timeguard's range of OEM timer modules offer accurate, cost effective time control for all types of OEM applications. All models form part of Timeguard's extensive range of timeswitches which are designed and built to meet all relevant UK (BS) and European (CE) standards including EMC compliance.

NTM01

24 Hour Compact Segment Module

- 16(6)A load rating.
- 96 quick-set segments for up to 48 ON/48 OFF programmes.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Special 'Traffic Light' slider switch for easy ON (green), Auto (green & red) and OFF (red) mode indication.
- Easy to use captive segment dial.
- Permanent ON/OFF control.



For further information & product specifications visit timeguard.com

NTM02

24 Hour/7 Day Compact Digital Module

- 16(4)A load rating.
- 4 ON/4 OFF easy-set programme periods per day, 28 ON/28 OFF programmes per week, shortest switching time 1 minute.
- Extra large 'Easy View' screen with Blue LED backlighting.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Self-cancelling override button to next programme change.
- Optional 1 and 2 hour boost button.
- Automatic Summer/Winter time changeover.



Special 'Traffic Light' slider switch for easy ON (green), AUTO (green & red) and OFF (red) mode indication.



Extra large 'Easy View' screen with blue LED backlighting.



oem timer modules



TR671 top/TR672 top

TR 671 top

24 Hour/7 Day Single Channel Digital 'TOP' Module (Without Power Supply)

- Text Oriented Programming.
- 42 memory locations & random switching.
- ON/OFF times may be repeated over a number of days without using extra memory locations.
- Holiday suspension of programmes.
- Manual override & permanent ON/OFF.
- Pulse (1 to 59 seconds) and repetitive pulse programmes.

TR 672 top

24 Hour/7 Day 2 Channel Digital 'TOP' Module (Without Power Supply)

Shares all the features and benefits of the TR 671 top plus 2 channel operation with 42 memory locations distributed as required over both channels.



SMS24

SMS24

24 Hour Mini Segment Timer Module

24 hour Mini Segment Timer module, 230V AC, 16 amp resistive, 8 amp inductive, permanent ON, permanent OFF and timed selector switch.

- 16A change over contacts.
- No power reserve.



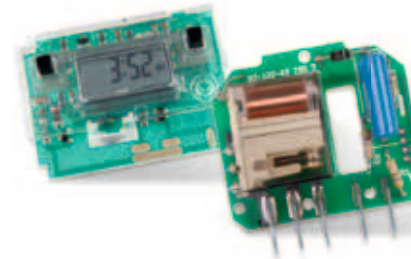
EMU56

EMU56

24 Hour/7 Day Single Channel Digital Module (Without Power Supply)

8 independent programme selections per day allowing up to 56 different ON/OFF operations per week.

- Operates from 1.4V to 1.6V supply.
- 112 memory locations – 56 different ON/OFF operations per week.
- Self-cancelling override until first programme change.
- Shortest switching time 1 minute.
- Programme suspension.



MEU11/MEU17

PB05

MEU11/EMU11

PanelMaster 24 Hour Electronic Timer Module

The module requires only an external diode, resistor and relay to switch mains. The EMU11 is an MEU11 housed in an easy fit panel mount case giving permanent ON/permanent OFF/timed selection. It can also be surface mounted in an enclosure or cubicle.

- Supply voltage 24V DC.
- Up to 4 ON/OFF programmes per day.
- Shortest switching time 1 minute.
- Self-cancelling override.
- 1000 hours rechargeable memory back-up.
- One year warranty only.

MEU17/EMU17

PanelMaster 7 Day Electronic Timer Module

Shares all the features and benefits of the MEU11/EMU11 above plus individual day, everyday, every weekday or weekend programme selections over a 7 day period. Six programmes are available, and if selected to operate over all 7 days, 42 ON & OFF switchings per week can be used.



EL11/EMU11

EL11

PanelMaster 24 Hour Timeswitch

The EL11 is an EMU11 combined with a PB05 creating a compact 16A timeswitch for panel mounting with permanent ON/permanent OFF/timed selection.

- Supply voltage 230V.
- 16(6)A SPCO voltage free contacts.
- Can be surface mounted within a box or enclosure.
- Five year warranty.

EL17

PanelMaster 7 Day Timeswitch

The EL17 is an EMU17 combined with a PB05 creating a compact 16A timeswitch.

- Five year warranty.

PB05

PanelMaster Power/Relay PCB

A power supply and relay PCB designed for use with the MEU11/17 and EMU11/17 timer modules. It operates from 230V AC generating the required charge current for the module battery and provides single pole changeover voltage free contacts. All connections are via .25 inch blades.

- One year warranty only.



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Whenever you need us just visit our website at www.timeguard.com.

It's not just our catalogue that's now online, it's the latest information, press releases and downloading facilities for product operating instructions.

Check out Timeguard online now for simple selection of the right products for your needs.



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