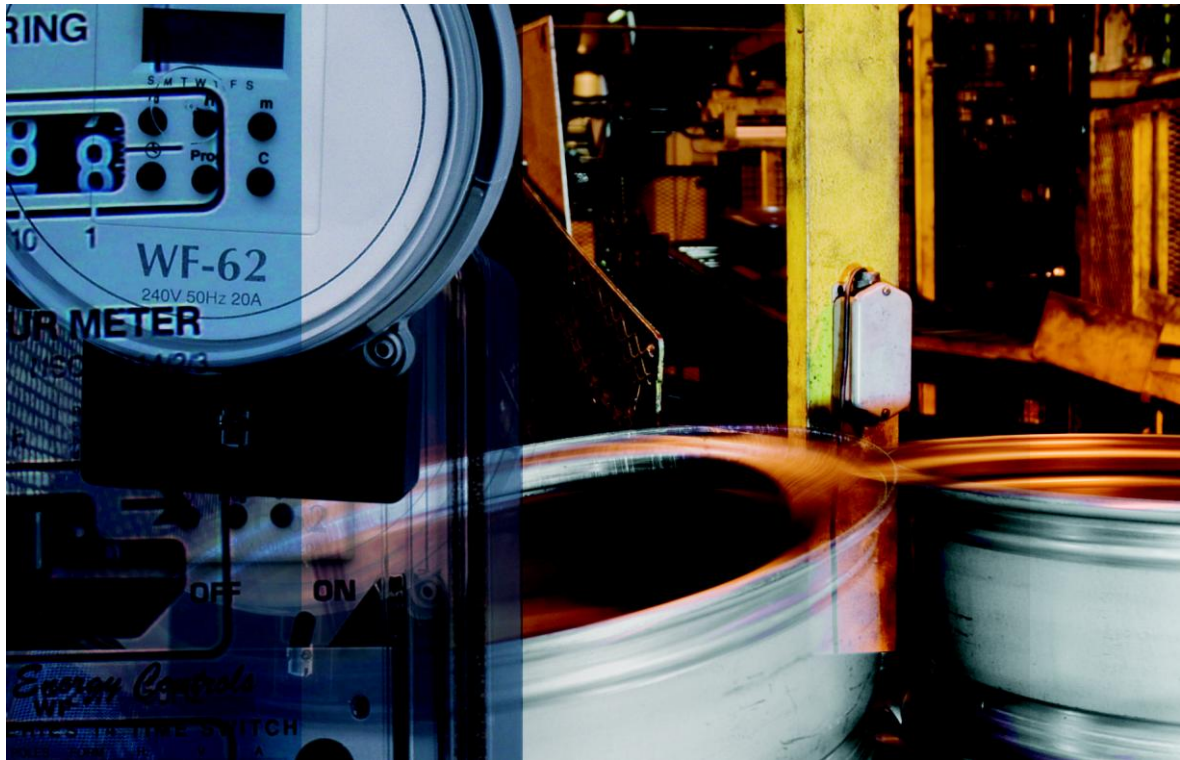


Time Switches & Timers



Time Switches	D1-D2
Load Switches	D3

Full current load control



The Heavy Duty Load Control Digital Time Switches are manufactured in rated currents of 20A, 30A and 50A. They have a single pole N/O contact, with the exception of the 50A unit which is also available with 2 x N/O contacts. The ratings are resistive. These time switches are typically used by Power Utilities for full load, off peak switching of domestic hot water, underfloor heating etc. These time switches meet the requirements of AS1284.7 (Australian Standard for Electricity Metering Part 7: Internal clocks for meters and load control devices). They can be used in any application where high accuracy full load switching is required. Back-up operation is provided on power failure to maintain switch timing.


Model WF62
20A – 1 Channel

- Operating voltage range of 216 to 264V AC
- Mains frequency range of 45Hz to 55Hz
- Power consumption: Approx. 2.4 watts
- Operating Temperature Range: -10C to +50C
- Relay Type: Electro-Mechanical
- Contact Arrangement: Single Pole normally open
- Contact Material: Silver Alloy
- Switching Capacity @ 240V AC: 20A resistive
- Relay Life Expectancy: 100,000 operations at full load
- Back-Up storage device: Rechargeable Nickel Metal Hydride
- Reserve Capacity: 1200 hours (standard configuration)
- Display Type: Liquid Crystal
- Clock Accuracy: Within +/- 0.1667 secs per day (as per AS1284-7 and IEC1038)
- Up to 6 'ON' and 'OFF' switching functions per day
- 24 hour or 7 day programmable
- Over voltage and over current protection circuits
- Plug-In housing
- Timer Mechanism (Plug-In section) may be used as a replacement for the older electro mechanical time clocks


Model WF17
30A – 1 Channel

- Operating voltage range of 216 to 264V AC
- Mains frequency range of 45Hz to 55Hz
- Power consumption: Approx. 2.4 watts
- Operating Temperature Range: -10C to +50C
- Relay Type: Electro-Mechanical
- Contact Arrangement: Single Pole normally open
- Contact Material: Silver Alloy
- Switching Capacity @ 240V AC: 30A resistive
- Relay Life Expectancy: 100,000 operations at full load
- Back-Up storage device: 1 F Supercap (* see options below)
- Reserve Capacity: Typically 8 days (minimum 5.5 days)
- Display Type: Liquid Crystal
- Clock Accuracy: Within +/- 0.1667 secs per day (as per AS1284-7 and IEC1038)
- Up to 6 'ON' and six 'OFF' switching functions per day
- 24 hour or 7 day programmable
- Over voltage and over current protection circuits
- Choice of bottom connect (4 terminal) or plug in housing (as per AS1284.1 and AS1284.4)

* Option: Battery options available

Full current load control



Model EC14 50A – 1 Channel

- Operating voltage range of 192 to 264V AC
- Mains frequency range of 45Hz to 55Hz
- Power consumption: Less than 1 watt
- Operating Temperature Range: -10C to +50C
- Relay Type: Impulse – Mechanical Latching
- Contact Arrangement: Single Pole normally open
- Switching Capacity @ 240V AC: 50A resistive
- Manual over ride facility
- Back-Up storage device: 1 F Super Capacitor
- Reserve Capacity: Typically 8 days (minimum 5.5 days)
- Display Type: Liquid Crystal
- Clock Accuracy: Within +/- 0.1667 secs per day (as per AS1284-7 and IEC1038)
- Up to 6 'ON' and 'OFF' switching functions per day
- 7 day 24 hour programmable
- Over voltage and over current protection circuits
- Choice of bottom connect (4 terminal) or plug in housing (as per AS1284.1 and AS1284.4)



Model 14/7D 50A – 2 Channel

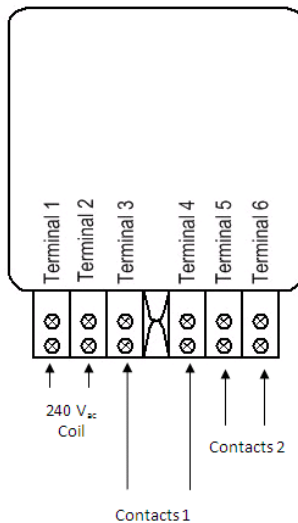
- Operating voltage range of 192 to 264V AC
- Mains frequency range of 45Hz to 55Hz
- Power consumption: Less than 1 watt
- Operating Temperature Range: -10C to +50C.
- Relay Type: Impulse – Mechanical Latching
- Contact Arrangement: 2 x Single Pole normally open
- Switching Capacity @ 240V AC: 50A resistive
- Manual over ride facility
- Back-Up storage device: 2 x 1 F Super Capacitor
- Reserve Capacity: Typically 4.8 days (minimum 3 days)
- Display Type: Liquid Crystal
- Clock Accuracy: Within +/- 0.1667 secs per day (as per AS1284-7 and IEC1038)
- Up to 24 'ON' and 'OFF' switching functions per day
- 7 day 24 hour programmable
- Over voltage and over current protection circuits
- Standard 6 terminal bottom connect housing (as per AS1284.1)

Dual 40A Load Switch Box - TYPE LSB-40D



The load switches are used to switch between two different loads. The contacts will close when voltage is applied, connecting the respective load to the circuit. Similarly, the switches can be used for load shedding by removing voltage to the contacts. These switches are efficient for controlling two different load applications without incurring downtime.

CONNECTION



Model: LSB-40D
40 A – 2 Contacts

- Mains frequency 50/60 Hz
- Coil resistance 1200 Ω
- Coil voltage 240 VAC
- Contact rating 40A
- 2BA brass nickel plated screws
- Phenolic 10992 base
- High impact acrylic plexiglass cover
- Brass terminals
- Cork gasket

Dimensions	mm
Width	125
Length	225
Height	105