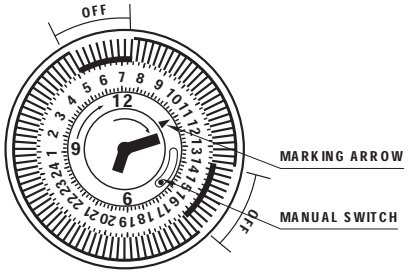
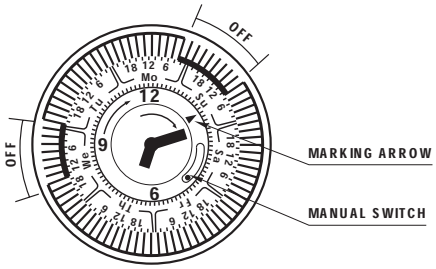
Timer Switches

56TC7,GY



56TC



56TC7

Surface Mounting Combinations with Timer - IP66

56 Series TC Synchronised Timers allow time control in IP56 environments. They are available in 24 hour and 7 day configurations with minimum switching times as indicated.

All timers are supplied with sliding tabs for easy setting and are fitted with manual override switches.

Earth and neutral connectors accommodating 3 x 6mm² cables are supplied.

This timer has a 150 hour battery running reserve.

Note: The 56TC Timer range is not suitable for fluorescent loads.

Options available

- Add LE to Catalogue Numbers for models Less Enclosure. LE models are suitable for mounting in 56ES1 shallow type enclosures.

Catalogue Number	Switching	I_{the} (Amp)	U_i/U_e (Volt)	I_e (A) Utilisation Category			M Rating	Battery Running Hrs	Min. Switch Time	Switching Sliding Tab Col.	Conductor Terminal Size in mm²		IP Rating	O/A Dims. (H) x (W) x (D)
				AC21A	AC22A	AC23A					Min.	Max.		
56TC	1 NO / 1 NC	16A	250V	16	10	8	M90	150	15	Black	2.5	6	66	107x101x102
56TC7	1 NO / 1 NC	16A	250V	16	10	8	M90	150	120	Black	2.5	6	66	107x101x102

Note: AC utilisation categories to AS/NZS3947.3 I_{the} - Conventional Enclosed Thermal Current U_i - Insulation Voltage U_e - Operational Voltage I_e - Operational Current **Nicad rechargable battery requires 70 hours for full recharge.

56SWT216(GY)

Surface Switch with Timer - IP56

Clipsal's 56 Series Two Hour Process Timer is a surface mounting model that features a mechanical timer operated by a rotary switch.

The timer is fully variable with the range of zero to two hours in 10 minute increments which can be reset or overridden at any stage.

A single gang module, the unit is double pole 250V 16A a.c. and is supplied as standard with a power on neon.

The 16A mechanism has pressure plate type terminals. The 56SWT216 is ideally suited to run pumping or filtering operations or for use with hot water service boosters. Also suitable for fluorescent loads.

Earth and Neutral connectors accommodating 3 x 6mm2 cables are supplied.

This timer has a 150 hour battery running reserve.

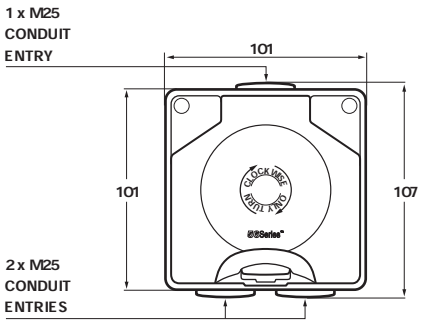
Option available

- Less enclosure - Add LE to Catalogue Number e.g. 56SWT216 becomes 56SWT216LE.

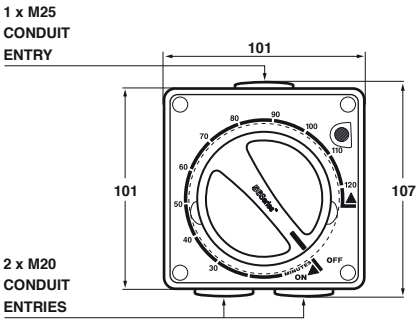
Catalogue Number	Switching	I_{the} (Amp)	U_i/U_e (Volt)	I_e (A) Utilisation Category			M Rating	Battery Running Hrs	Switching Time	Conductor Terminal Size in mm²		IP Rating	O/A Dims. (H) x (W) x (D)
				AC21A	AC22A	AC23A				Min.	Max.		
56SWT216	2 Pole	16A	250V	16	10	8	120	N/A	10 mins. minimum 120 mins. maximum	2.5	4	66	107x101x102

Note: AC utilisation categories to AS/NZS3947.3 I_{the} - Conventional Enclosed Thermal Current U_i - Insulation Voltage U_e - Operational Voltage I_e - Operational Current **Nicad rechargable battery requires 70 hours for full recharge.

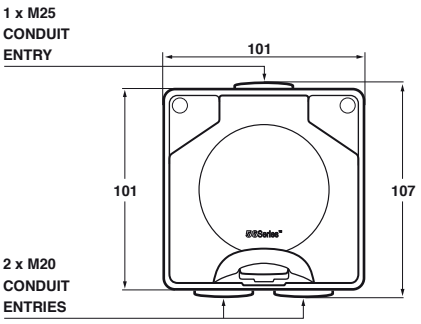
Dimensional Drawings



56TC FRONT COMPLETE



56SWT216 FRONT COMPLETE



56TCDB FRONT COMPLETE

56TCDB,GY

Surface Mounting Digital Timer - IP66

When a timer with pin point precision is required in an IP66 environment, the 56TCDB Digital Timer is the answer.

The digital timer features highly accurate timing and multi-function control with fully programmable push button facilities.

Earth and neutral connectors accommodating 3 x 6mm2 cables are supplied.

The 56TCDB also incorporates a 150 hour battery running reserve that retains information in the event of a loss of mains power.

Note: The 56TCDB Timer is not suitable to switch fluorescent loads. The timer has a stored charge and therefore should not be connected to portable equipment.

Other features are as follows:

Holiday Programming
Before going away, a simple holiday program can be set for a period of up to 99 days.

This program will have priority over the normal program and can either operate as set or continually without a preset limit. Program start can be immediate or delayed by up to six days.

Seven Day Fully Programmable
42 Memory Locations
This facility enables up to 21 on/off switching commands to be given at any time during a seven day period. i.e.

- Memory No. 1 (ON) Mon, 8.00a.m.
- Memory No. 2 (OFF) Mon, 8.25a.m.
- Memory No. 3 (ON) Mon, Tue, Wed, 9.00p.m.
- Memory No. 4 (OFF) Mon, Tue, Wed, 9.40p.m.

Settings can continue through to a maximum of 42 locations (21 on / 21 off).

Daylight Saving Switch
Enables summer/winter time changes at the press of a button.

150 Hour Battery Running Reserve
Retains program and setting during power blackout.

Inbuilt Bypass Switch
This function disengages timing when not required. The Inbuilt Bypass Switch can be set at permanently 'on' or permanently 'off' or 'on' until programmed 'off' or 'off' until programmed 'on'.

**For further details refer to operating instructions.*

Catalogue Number	Switching	I_{the} (Amp)	U_i/U_e (Volt)	I_e (A) Utilisation Category			M Rating	Battery Running Reserve Hours	Min. Switch Time	Conductor Terminal Size in mm²		IP Rating	O/A Dims. (H) x (W) x (D)
				AC21A	AC22A	AC23A				Min.	Max.		
56TCDB	1 NO / 1 NC	10A	240V	10	10	8	100	**150 hours	1 min	2.5	6	66	107x101x102

Note: AC utilisation categories to AS/NZS3947.3 I_{the} - Conventional Enclosed Thermal Current U_i - Insulation Voltage U_e - Operational Voltage I_e - Operational Current **Nicad rechargable battery requires 70 hours for full recharge.