



# FUSION SERIES

## Circuit Protection Timers

Data  
Specification **20  
23**



**AUSTRALIA WIDE DELIVERY**  
Expedited delivery to all states in  
Australia



**SAME DAY DISPATCH**  
Orders prior to 12PM will be  
dispatched the same day



**5 YEAR WARRANTY**  
You can get a trusted 5 Year In  
House Warranty with CSG

## [ DESCRIPTION ]

TME2

The TME2 electronic timer module is DIN rail mounted, 24 hour, 7 day programmable timer with 28 ON and OFF programmes with a 10 year lithium backup battery. Rated at 240V AC 16A, it is capable of carrying a 5A inductive load. Termination is a maximum cable size of 6mm<sup>2</sup>.

## [ FEATURES ]

- 28 ON and OFF Programmes
- 1NO and 1NC Contacts
- 10 Year Lithium Backup Battery
- Replaceable Battery
- DIN Rail Mounted

## [ COMPLIANCE ]

IEC 60730

## [ IMAGES ]



TME2



TME2 Programme Buttons

## [ TECHNICAL PARAMETERS ]

- Operation Voltage: 240V AC
- AC Switching Capacity: 240V AC
- Inductive Load: 5A
- Ambient Temperature: -10°C - 20°C
- Accuracy: Type +/- 1s/day at 20°C
- Frequency: 50/60Hz
- Battery Backup: 10 Year Lithium
- Minimum Programmable Time: 1 minute
- Maximum Programmable Time: 168 hours
- Maximum Programmes: 14 ON and 14 OFF
- Cable Termination: 6mm<sup>2</sup>
- Torque of Screw: 1.2Nm

**FUSION**

## [ PROGRAMMING SETTING ]

Serial	Key	Programming
1	Press <b>P</b> Once	Setting Channel (28 times ON/OFF settings are optional)
2	Press <b>D+</b>	Select days of the week
3	Press <b>H+</b>	Setting hours
4	Press <b>M+</b>	Setting minutes
5	Press ' <b>Clock</b> ' Symbol	Setting normal display time
6	Press <b>Manual</b>	Setting permanent ON/permanent OFF/permanent
7	Press <b>Reset</b>	Reset timer

## [ SETTING INSTRUCTIONS ]

### 1. Restore Factory Settings

Press button <Reset> on timer before setting the program you require

### 2. Setting Current Time On Timer

Press and hold button <⊕> on timer to set day by pressing D+, H+, M+

### 3. Programme Setting

Press the button <P> on the timer once. Follow by pressing D+, H+, M+ to set the desired working programme and repeat the same step (for ON/OFF and multiple programming)

Example:

3.1) Press button <P> once = ON programming. Setting of Day/Hour/Minutes press D+, H+, M+

3.2) Press button <P> once again = OFF programming. Setting of Day/Hour/Minutes press D+, H+, M+

◆ Setting D+, there are 15 different combinations for week settings such as:

MO/TU/WE/TH/FR/SA/SU (each setting for each single day)

MO TU WE TH FR SA SU (from Monday to Sunday)

MO TU WE TH FR SA

MO TU WE TH FR

SA SU

MO WE FR

TU TH SA

MO TU WE

TU FR SA

◆ Setting H+ from 1 to 24 hours setting -1, 2, 3, 4 ... 24 hours+

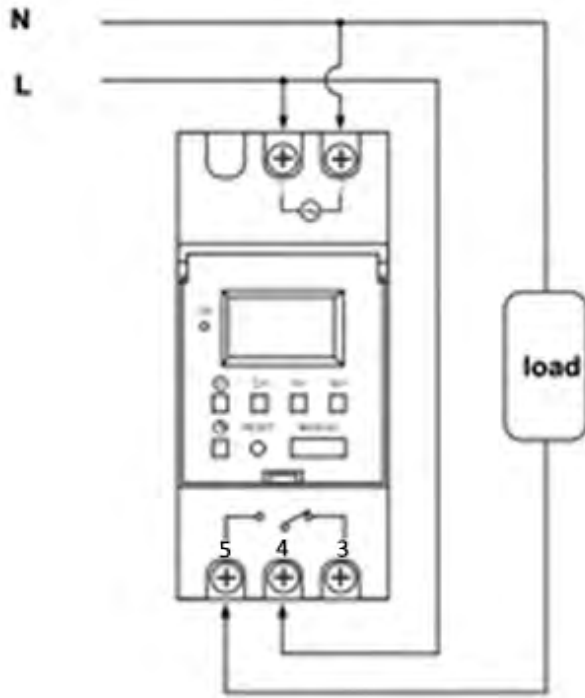
◆ Setting M+ from 1 to 60 minutes settings - 01, 02, 03, 04 ... 60 minutes

3.3) Repeat Above for programme setting 2 ... 14

### 4. Exit to Clock

To exit to normal display press <⊕> once

## [ WIRING DIAGRAM ]



Terminal 5 - Normally Opened Contact  
Terminal 3 - Normally Closed Contact

## [ DESCRIPTION ]

TMA116

The TMA116 24 hour analogue timer is ideal for residential and commercial applications. Say goodbye to expensive electricity bills by programming the timer to turn your electricity on when it's required, and turn it off when it's not. The 15 time intervals allow for flexibility in programming times. The single pole width means more space on the DIN rail, if you choose to install multiple timers for different loads.

## [ FEATURES ]

- Analogue
- Quartz Controlled
- Battery Backup
- 1 Pole DIN Rail Mount
- 24 Hour Cycle
- 15 Minute Increment ON/OFF Program Setting

## [ COMPLIANCE ]

BS EN ISO9001:2008

## [ IMAGES ]

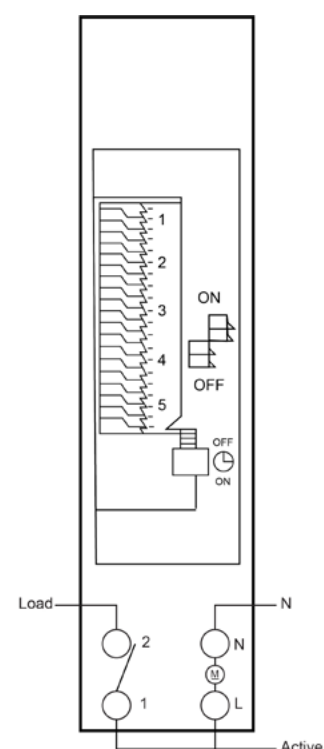


TMA116

## [ TECHNICAL PARAMETERS ]

	<b>Rated Voltage</b>	240V AC
	<b>Frequency</b>	50Hz
	<b>Drive Method</b>	Quartz Controlled
	<b>Accuracy</b>	+/- 3 Sec / Day at 22°C
	<b>Cycle</b>	24 hours
	<b>Power Consumption</b>	1W
	<b>Battery</b>	72 Hours
	<b>Auto ON/OFF</b>	ON/AUTO/OFF Switch
	<b>Resistive Load</b>	16A
<b>Load Capacity</b>	<b>Incandescent Lamp</b>	1000W
	<b>Inductive (COS Φ = 0.6)</b>	4A
	<b>Energy Saving Lamps</b>	150W
<b>Time Setting</b>	<b>ON/OFF Program Setting</b>	15 Minutes
	<b>Min. Interval</b>	15 Minutes
	<b>No. of ON/OFF Operations</b>	96 Operations
	<b>Ambient Temperature</b>	-10°C ~ + 50°C
	<b>Ambient Humidity</b>	Max 85%

## [ WIRING DIAGRAM ]



**FUSION**

## [ DESCRIPTION ]

TME116

The TME116 electronic timer is ideal for residential and commercial applications. Say goodbye to expensive electricity bills by programming the timer to turn your electricity on when it's required, and turn it off when it's not. This DIN rail mounted timer is a 24 hour, 7 day programmable timer with 16 ON/OFF programmes, 10 ON/OFF holiday programs and lithium backup battery. Rated at 240V AC 16A, it is capable of carrying a 4A inductive load. The single pole width means more space on the DIN rail, if you choose to install multiple timers for different loads.

## [ FEATURES ]

- 1 Pole
- LCD Display
- 35mm DIN Rail Mount
- 16 ON/OFF Programs
- 10 ON/OFF Holiday Programs
- 32 Pulse Outputs with Countdown
- Lithium Backup Battery

## [ COMPLIANCE ]

IEC 60730

## [ TECHNICAL PARAMETERS ]

- Operation Voltage: 240V AC
- Accuracy:  $\leq \pm 2$  sec/day (20°C)
- Pulse Output: 1 sec - 99 secs
- Countdown: 1 sec - 99 mins 59 secs
- Power Consumption: 3VA
- Weight: 90g
- Mechanical Life: 100, 000 Cycles
- Contact Type: Normally Open + 1 Changeover Contact

## [ IMAGES ]



TME116

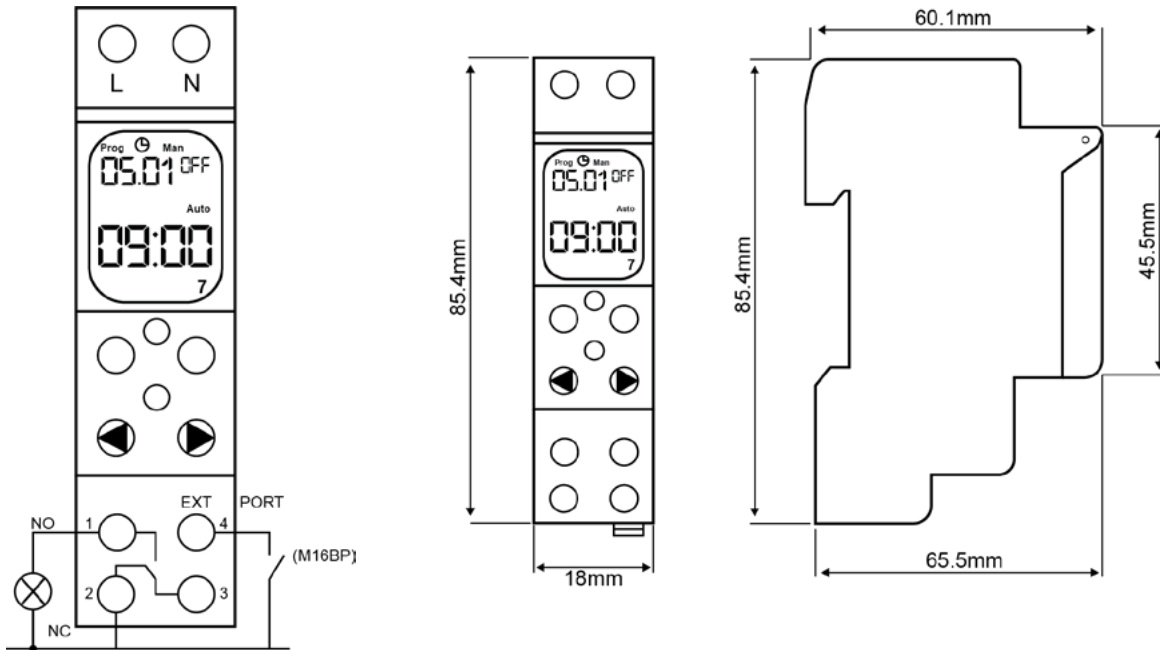


Scan the QR to download the wiring instructions or visit [www.connectedswitchgear.com.au/technical-downloads/](http://www.connectedswitchgear.com.au/technical-downloads/)



# FUSION

## [ WIRING DIAGRAM ]



	<b>Rated Voltage</b>	240V AC
	<b>Frequency</b>	50Hz
	<b>Drive Method</b>	Electronic
	<b>Accuracy</b>	±2 Sec / Day at 20°C
	<b>Cycle</b>	7 Days
	<b>Power Consumption</b>	3 VA
	<b>Battery Reserve</b>	72 Hours
	<b>ON/OFF Operation</b>	16 ON/OFF 32 Pulse Time Settings: 1 - 99 secs 10 Holiday Time Settings Countdown Timer: 1 sec - 99min 59 secs Auto ON/Auto OFF
	<b>Resistive Load</b>	16A
<b>Load Capacity</b>	<b>Incandescent Lamp</b>	1000W
	<b>Inductive (COS Φ = 0.4)</b>	4A
	<b>Energy Saving Lamps</b>	150W
	<b>Ambient Temperature</b>	-10°C ~ + 50°C
	<b>Ambient Humidity</b>	Max 85%
	<b>Mounting</b>	35mm DIN Rail Mount

## [ WARRANTY ]

Connected Switchgear FUSION series of product come with a trusted 5 Year In House Warranty. That means that you have peace of mind knowing that if a fault develops within a five year period, Connected Group Australia will cover the cost of replacing the product and it's installation.\*

\* See our website for full terms and conditions [www.connectedswitchgear.com.au](http://www.connectedswitchgear.com.au)

# FUSION