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]

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 6mm².

[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: 6mm²
- Torque of Screw: 1.2Nm

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[PROGRAMMING SETTING]

Serial	Key	Programming
1	Press **P** Once	Setting Channel (28 times ON/OFF settings are optional
2	Press **D**+	Select days of the week
3	Press **H**+	Setting hours
4	Press **M**+	Setting minutes
5	Press '**Clock**' Symbol	Setting normal display time
6	Press **Manual**	Setting permanent ON/permanent OFF/permanent
7	Press **Reset**	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 presssing 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 programing. 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
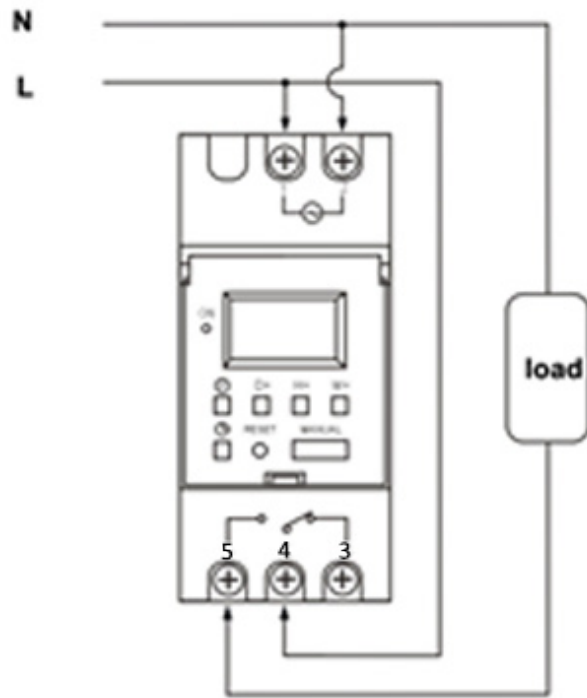   ◆Setting H+ from 1 to 24 hours setting -1, 2, 3, 4 ... 24 hours+
   ◆Setting M+ from 1 to 60 minutes settings - 01, 02, 03, 04 ... 60 minutes
   3.3) Repeat Above for programme setting 2 ... 14
4. Exit to Clock
   To exit to normal display press <⊕> once

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[WIRING DIAGRAM]

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

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[DESCRIPTION]

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 mulitple 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
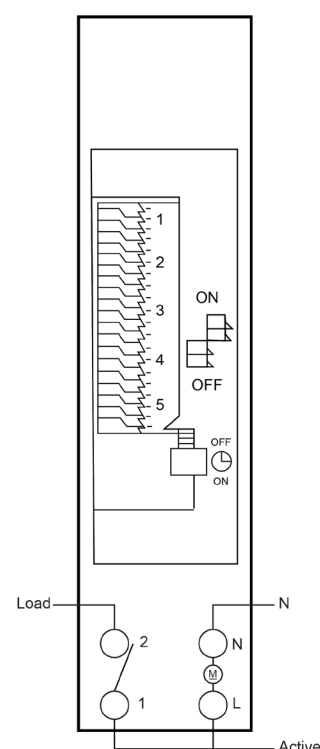
[COMPLIANCE]

BS EN ISO9001:2008

[IMAGES]

TMA116

[TECHNICAL PARAMETERS]

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

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[TECHNICAL PARAMETERS]

- Operation Voltage: 240V AC
- Accuracy: ≤+/- 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
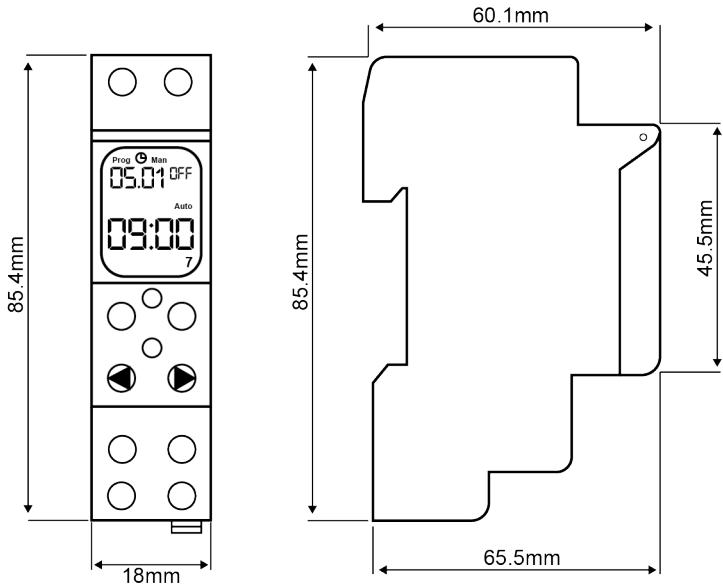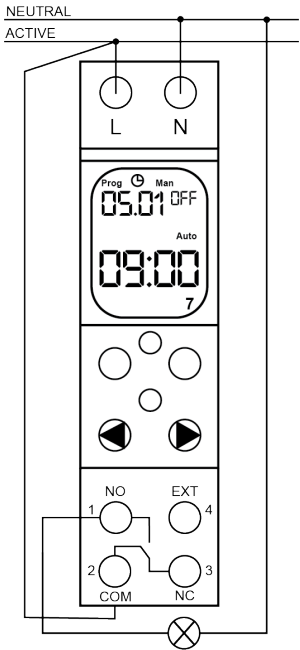
[IMAGES]

TME116

Scan the QR to download the wiring instructions or visit www.connectedswitchgear.com.au/technical-downloads/

FUSION

[WIRING DIAGRAM]

Rated Voltage	240V AC
Frequency	50Hz
Drive Method	Electronic
Accuracy	≤± 2 Sec / Day at 20°C
Cycle	7 Days
Power Consumption	3 VA
Battery Reserve	72 Hours
ON/OFF Operation	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

Load Capacity		
	Resistive Load	16A
	Incandescent Lamp	1000W
	Inductive (COS Φ = 0.4)	4A
	Energy Saving Lamps	150W

Ambient Temperature	-10°C ~ + 50°C
Ambient Humidity	Max 85%
Mounting	35mm DIN Rail Mount

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[DESCRIPTION]

The TME116-66 weatherproof electronic timer is ideal for residential, commercial and industrial 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 LCD display means clear and easy programming.

[FEATURES]

- LCD Display
- IP66 Protection Rating
- 28 ON/OFF Programs
- Minimum Time Setting: 1 Minute
- Manual Override Feature
- Weekly Auto Time Correction

[COMPLIANCE]

IEC 60730

[TECHNICAL PARAMETERS]

- Operation Voltage: 240V AC
- Maximum Switchable Current: 16(8)A
- Power Consumption: 0.1VA
- Minimum Interval: 1 Minute
- Changeover Switching Contacts
- Maximum Time Setting: 168 Hours
- Lithium Backup Battery
- Ambient Temp: -10~+40°C
- Ambient Humidity: 35~85%RH
- Service Life:
  Mechanical 10^7
  Electronic 10^5
- Size: 101 x 101 x 101mm
- Conduit Entries:
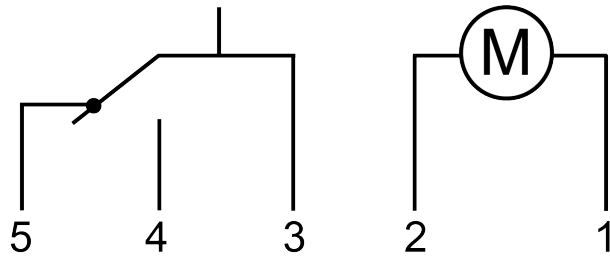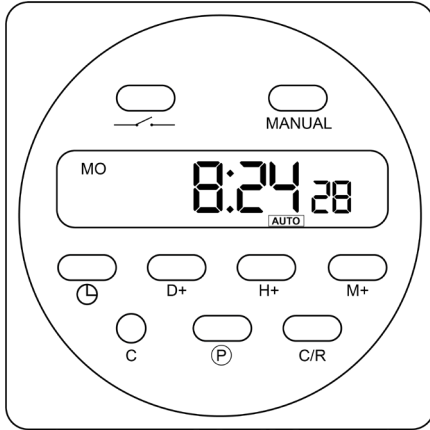 2 x 25mm, 1 x 32mm, 25/32mm
  Threaded Adaptors

[IMAGES]

TME116-66

Scan the QR to download the wiring instructions or visit www.connectedswitchgear.com.au/technical-downloads/

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[WIRING DIAGRAM]

[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

FUSION