



FUSION SERIES

Circuit Protection Timers

Data
Specification **20
26**



AUSTRALIA WIDE DELIVERY
Expedited delivery to all states in
Australia



SAME DAY DISPATCH
Orders prior to 12PM will be
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5 YEAR WARRANTY
You can get a trusted 5 Year In
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[DESCRIPTION]

Electronic Time Relay

The TME2 electronic timer module is DIN rail mounted, 24 hour, 7 day programmable timer with 28 ON and OFF programs with a 3 year lithium backup battery. Rated at 240V AC, it is capable of carrying a max 5A inductive load. Termination is a maximum cable size of 6mm².

[FEATURES]

- 28 ON and OFF Programmes
- 1NO and 1NC Contacts
- Manual Override Feature
- 3 Year Lithium Backup Battery
- 2 Pole DIN Rail Mount

[COMPLIANCE]

IEC 60730

[TECHNICAL PARAMETERS]

- Voltage Rating: 12V DC - 220V AC
- AC Switching Capacity: 240V AC
- Inductive Loads: Max 5A
- Operating Temperature: -10°C - 20°C
- Accuracy: Type +/- 1s/day at 40°C
- Frequency: 50/60Hz
- Power Consumption: ≤2W
- Battery Backup: Lithium Battery and 3Y Rechargeable
- Minimum Programmable Time: 1 minute
- Maximum Programmable Time: 168 hours
- Maximum Programmes: 28 ON and 14 OFF
- Cable Termination: 6mm²
- Torque of Screw: 1.2Nm
- Utilization Category: AC1:16A, AC-15:8A

[IMAGES]



TME2



TME2 Program Buttons

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



FUSION

[DESCRIPTION]

Analogue Time Relay

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
- NI-MH Rechargeable Backup Battery
- Battery Life: 72 Hours
- 1 Pole DIN Rail Mount
- 24 Hour Cycle
- 15 Minute Increment ON/OFF Program Setting

[COMPLIANCE]

BS EN ISO9001:2008

[IMAGES]

[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
- Rechargeable Battery: 72 Hours
- Auto ON/OFF: ON/AUTO/OFF Switch
- Resistive Load: 16A
- Incandescent Lamp: 1000W
- Inductive Load: 4A
- Energy Saving Lamps: 150W
- ON/OFF Program Setting: 15 Minutes
- Minimum Interval: 15 Minutes
- No. of ON/OFF Operations: 96
- Ambient Temperature: -10°C ~ + 50°C
- Ambient Humidity: Max 85%
- Utilization Category: AC-1:16A, AC-15:8A



TMA116

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FUSION

[DESCRIPTION]

Electronic Time Relay

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 30 ON/OFF programmes and lithium backup battery. Rated at 240V AC 16A, it is capable of carrying a 10A inductive load. The single pole width means more space on the DIN rail, if you choose to install multiple timers for different loads.

[FEATURES]

- Daylight Savings Setting
- LCD Display
- 18mm Module Width
- 35mm DIN Rail Mount
- 30 ON/OFF Programs
- Lithium Backup Battery
- Battery Life: 1.5 - 2 Years

[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 Change-over Contact
- Utilization Category: AC1:16A, AC-15:4A

[COMPLIANCE]

IEC 60730

[IMAGES]



TME116



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FUSION

[DESCRIPTION]

Bluetooth Electronic Time Relay

The TMEB116 Bluetooth Timer is a 24hr 7 day timer perfect for residential and commercial applications. With the ability to control everything from the mobile app, this timer brings flexibility to a new level. This includes a daylight saving feature, astronomical timer setting and more.

[FEATURES]

- Bluetooth Connectivity
- Mobile App Control
- 24 ON and OFF programs
- Manual Override Feature
- Astronomical Timer Setting
- Daylight Saving Feature
- LED Indicator for Relay Status
- 1 Pole, 18mm DIN Rail Mount
- 1 x NO contact + 1 x NC contact

[COMPLIANCE]

IEC 60947-5-1

[TECHNICAL PARAMETERS]

- Function: Bluetooth Time Control Relay
- Voltage Range: AC/DC 24-240V 50Hz
- Supply Indication: Green LED
- Time Setting: App (Bluetooth Connectivity)
- Time Deviation: $\pm 2s/day$
- Output: 1 x SPDT
- Current Rating: 1 x 16A (AC1)
- Output Indication: Red LED
- Mechanical Life: 1×10^7
- Operating Temperature: $-20^{\circ}C$ to $+55^{\circ}C$
- Protection Degree: IP20
- Max Cable Size: 1 x 2.5mm² or 2x1.5mm²
- 0.4N·m
- Dimensions: 90mm x 18mm x 64mm
- Weight: 62g
- Utilization Category: AC1:16A, AC-15:8A

[IMAGES]



TMEB116

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FUSION

[DESCRIPTION]

Weatherproof Electronic Time Relay

The TME116-66 weatherproof electronic timer is ideal for residential, commercial and industrial applications. As a 24 Hour, 7 Day, Weekly programmable timer you can 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
- Lithium Backup Battery
- Battery Life: 1.5 - 2 Years

[COMPLIANCE]

IEC 60730

[IMAGES]



TME116-66

[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
- Backup Battery Life: 1.5 - 2 Years
- 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
- Utilization Category: AC1:30A, AC-15:10A

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FUSION

[DESCRIPTION]

Multifunction Time Relay

The TMEM116 DIN Rail mount multifunction time relay is suitable for controlling a variety of different loads with a choice of 10 different functions and 10 time ranges. Variable input voltage increases its application range. Time setting range is from 0.1s – 10 days divided into 10 ranges. 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. Setting is controlled by the 3 dials on the face of the module.

[FEATURES]

- 10 Function Modes
- 5 Functions controlled by supply voltage
- 4 Functions controlled by control input
- 1 Latching Relay Function
- Rotary Switches
- LED Light Status Indicator
- Adjustable timing from 0.1 secs - 10 days

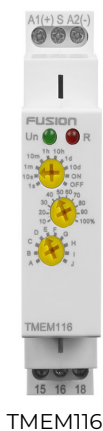
[TECHNICAL PARAMETERS]

- Function Modes: 10
- Voltage Range: AC/DC 12 - 240V (50-60Hz)
- Time Deviation: 10% - Mechanical Setting
- Repeat Accuracy: 0.2% - Set Value Stability
- Output: 1 x SPDT
- Current Rating: 16A / AC1
- Switching Voltage: 250V AC / 24V DC
- Min Breaking Capacity DC: 500mW
- Mechanical Life: 1×10^7
- Reset Time: Max .200ms
- Operating Temperature: -20°C to +55°C
- Protection Degree: IP40 for Front Panel, IP20 Terminals
- Max Cable Size: $1 \times 2.5\text{mm}^2$
- Tightening Torque: 0.4Nm
- Utilization Category: AC1:16A, AC-15:8A

[COMPLIANCE]

IEC 60947-5-1

[IMAGES]



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FUSION

[DESCRIPTION]

Multifunction Digital Time Relay

The TMEDM116 DIN Rail mount multifunction time relay with digital display is suitable for controlling a variety of different loads with a choice of 20 delay modes from 0.1s to 99 days. Delay trigger can be controlled by either power supply or signal. Variable input voltage increases its application range. 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.

[FEATURES]

- 20 Delay Function Modes
 - 5 Delay modes controlled by supply voltage
 - 13 Delay Modes controlled by signal
 - ON/OFF Mode
- Adjustable Time Range 0.1 secs - 99 days
- LED Light Status Display
- 1 Pole DIN Rail Mounting

[TECHNICAL PARAMETERS]

- Function Modes: 20
- Voltage Range: AC/DC 12 - 240V (50-60Hz)
- Time Ranges: 0.1 Secs - 99 Days, ON, OFF
- Time Deviation: $\leq 1\%$
- Output: 1 x SPDT
- Current Rating: 1 x 16A (AC1), 2 x 16A (AC1)
- Switching Voltage: 250V AC / 24V DC
- Mechanical Life: 1×10^7
- Reset Time: Max .200ms
- Operating Temperature: -20°C to $+55^{\circ}\text{C}$
- Max Cable Size: $1 \times 2.5\text{mm}^2$
- Utilization Category: AC1:16A, AC-15:8A

[COMPLIANCE]

IEC 60947-5-1

[IMAGES]



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FUSION

[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