



# RDL

ESTABLISHED 1976

COIN AND CARD METER/TIMER MANUFACTURERS

## DUAL COIN OPERATED ELECTRONIC METER & TIMER MODEL TYPE: M-101

### USER MANUAL

FOR SPECIFICATION  
AND OPERATING  
SETTINGS

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This meter complies with Class B (1%) to EN50470 1-3

MID Approval Certificate No: 0120/SGS0260

This meter is intended to be installed in a Mechanical Environment 'M1' with Shock and Vibrations of low significance, as per 2014/32/EU Directive.

This meter is intended to be installed in electromagnetic Environment 'E2', as per 2014/32/ EU Directive.

This meter is intended for Indoor use only.

This meter is intended for Non Condensing humidity.

Note that this meter is sealed and there are no user serviceable parts and no user adjustments, other than the Landlord / Meter Owner settings of the metering functions and tariffs. The maintenance and repair of this meter is only permissible by RDL Meters Ltd.

## GUARANTEE

This meter is guaranteed for a period of 12 months from the date of purchase, subject to the following guarantee conditions:

This meter is covered by RDL Meters Ltd for parts and manufacturing labour.

This guarantee will **not** cover any Consequential losses.

**This guarantee will be void under any of the following conditions:**

- ▶ Removal of one or both seals to the case
- ▶ The meter has not been installed by a competent, qualified electrician to standards that satisfy the requirements of the current Institute of Electrical Engineers (IEE)
- ▶ The meter has been incorrectly installed
- ▶ The meter has been subject to a load of greater than 100 Amps
- ▶ The meter has been tampered with, to obtain free electricity

If returning the meter, please contact RDL Meters Ltd to report the return and to arrange an RMA (Return Merchandise Authorisation) number. Make sure that the meter is carefully packed.

## METER MODE

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## TIMER MODE

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1. INTRODUCTION


1.1 Overview

This section of the manual covers the specification and operation for the M-101 single phase prepayment coin meter and timer for operating in METER MODE. These instructions cover all versions irrespective of coinage ordered, for ease of understanding all denominations will be classified as COINS.

The main features of the product are:

- ▶ All solid state with 2 x 16 character LCD
- ▶ Four versions are available - Sterling, Euro, Dollars and Tokens
- ▶ When a valid coin is inserted, value credit is copied to the meter
- ▶ Multiple coins may be entered in one session
- ▶ The remaining credit is updated and continuously displayed
- ▶ User settable cost per unit for Rate 1 and 2 in the range £0 to £99.99
- ▶ Private mode switch buttons allow settings to be easily changed
- ▶ Standing Charge
- ▶ Emergency Credit
- ▶ Up to 2 tariff rates
- ▶ Switching capacity up to 100A
- ▶ No battery replacement required
- ▶ Internal Real Time Clock with programmable switching
- ▶ Reverse Energy Detection
- ▶ Extension Terminal Cover to Protect Supply Cables
- ▶ Reverse Energy Detection
- ▶ Extension Terminal Cover to Protect Supply Cables

2. TECHNICAL DATA

The M-101 is an alternating Current Static Watt Hour Meter, Class B, with programmable timer function facility. Double Insulated. 

2.1 Meter LED & Power Registration Security

The red LED mounted on the front panel will pulse at a rate of 1000 pulses per kWh. Power registration is recorded in non-volatile memory under control of the microprocessor which is updated every 24 hours and in the event of a power failure. There are separate registers for each rate.

2.2 Main Contactor

Contactor Current Rating: ..... 100 Amps  
 Terminal Arrangement: ..... BS 7856  
 Main Terminal Dimensions: ..... 8.0mm to 8.2mm  
 Terminal Construction: ..... Solid Brass  
 Terminal Screws: ..... 6.0mm

2.3 Power Supply

Rated Voltage: ..... 230V  
 Current Range: ..... 1.0-20(100A)  
 Frequency: ..... 50Hz Standard  
 Operating Voltage Range: ..... 220V-240V

2.4 METROLOGY

Meter Accuracy: ..... Active energy, Class B (1%)

2.5 Environmental

Temperature Operating Range: ..... -25 to 55°C  
 Storage Range: ..... -25 to 55°C  
 Transportation Range: ..... -25 to 70°C  
 Ingress Protection: ..... IP51

Maximum period of 6 hours at the extremes of its temperature range.

2.6 Dimensions

Height: ..... 222.00mm  
 Width: ..... 254.00mm  
 Depth: ..... 120.00mm  
 Weight: ..... 1.80kg

3. NORMAL FUNCTIONAL OPERATION IN METER MODE

3.1 Normal Operation Display

During normal operation the display on the M-101 in METER MODE will be one of those shown below.

DISPLAY	CONTACTOR	REMARKS
XXXXXXX.X kWh R1 £XXX.XX Cred	Closed	XXXXXXX.X kWh registered on current tariff. Rate 1 represents the current tariff. The consumer has £XXX.XX credit remaining.
XXXXXXX.X kWh R1 £0.00 Credit	Open	XXXXXXX.X kWh registered on current tariff. Rate 1 represents the current tariff. The consumer has used up all credit.
XXXXXXX.X kWh £XXX.XX Debt	Open	XXXXXXX.X kWh registered on current tariff. The consumer has used up all credit and has accumulated a standing charge debt of £XXX.XX.
XXXXXXX.X kWh R1 £XXX.XX Emer	Closed	XXXXXXX.X kWh registered on current tariff. Rate 1 represents the current tariff. The consumer has selected emergency credit. £XXX.XX represents the emergency credit remaining. When £XXX.XX reaches £0.00 the display will change to this format below.
XXXXXXX.X kWh £XXX.XX Debt	Open	XXXXXXX.X kWh registered on current tariff. The consumer has used up all emergency credit and has accumulated a debt of £XXX.XX

3.2 Additional Displayed Information

When the meter is operating normally, momentarily pressing the GREEN button will sequence through the parameters, as listed in the table overleaf. If during a manual sequence cycle, the GREEN button is not pressed within 10 seconds, the meter will revert to its normal display and operation. The table overleaf gives a list of the 18 sequentially displayed parameters.

STEP	DISPLAY	REMARKS
1	**DISPLAY*TEST** **DISPLAY*TEST**	Test all character positions on display
2	Current Credit £XXX.XX	The consumer has £XXX.XX credit remaining
3	Emer Credit Left £XXX.XX	The consumer has £XXX.XX emergency credit left
4	Current Debt £XXX.XX	The consumer has used up all credit and has accumulated a debt of £XXX.XX
5	Time HH:MM	Current Time
6	Date DD/MM/YYYY	Current Date
7	Total Credit £XXX.XX	Total value of credit that has been inserted
8	Total Coins XXXXXXXXXX	Slot 1 total number of coins inserted
9	Total Coins XXXXXXXXXX	Slot 2 total number of coins inserted
10	Standing Charge £XXX.XX	Standing Charge per 24 hours
11	Rate 1 Unit Cost £XXX.XX	The tariff for rate 1
12	Rate 2 Unit Cost £XXX.XX	The tariff for rate 2
13	kWh Rate 1 XXXXXXXX.X	kWh registered on rate 1
14	kWh Rate 2 XXXXXXXX.X	kWh registered on rate 2
15	kWh Total XXXXXXXX.X	Total kWh registered
16	Emergency Credit £XXX.XX	Emergency Credit
17	Emergency Avail £XXX.XX	If the meters prepaid credit is above this point then emergency credit is not selectable
18		Software/Checksum Version

### 3.3 Standing Charge Collection

The standing charge is collected every 24 hours at midnight.

### 3.4 Rate Switching

The meter is configured to have up to 2 different rates controlled by an internal time switch.

### 3.5 Disconnection

The meter is configured to have up to 2 different rates controlled by an internal time switch.

#### 3.5.1 No Remaining Credit

When the prepaid credit expires and the meter has gone into debt the main contactor will be open, thus disconnecting the power. To restore power, sufficient coins must be inserted to clear the outstanding debt. An emergency credit facility is also available to reconnect power.

#### 3.5.2 Reverse Energy Detection

If reverse power is detected above a pre-determined level the display will indicate "RED" (Reverse Energy Detection). Reverse detection can only be reset via the private mode switch buttons. Refer to page 10 for resetting.

### 3.6 Emergency Credit

If the prepaid credit is below a given limit or the meter has gone into debt, an "Emergency Credit" facility may be invoked by pressing the RED button marked emergency credit. The meter operation whilst in emergency credit is explained in the following subsections.

#### 3.6.1 Invocation

Emergency credit is a pre-set reserve that can be selected by pressing the RED "Emergency Credit" button when the pre-paid credit has fallen below a given level. The display will change to £XXX.XX Emer to indicate the amount of emergency credit left to the consumer. The debt is to be repaid before the meter is back into prepaid credit. (Emer Credit Left £XXX.XX) may be viewed by pressing the display button.

#### 3.6.2 Reduction

The amount of emergency credit remaining (Displayed as £XXX.XX Emer) will be reduced as electricity is consumed and any Standing Charge collected. The Debt will also be increased by the same amount. (Emer Credit Left £XXX.XX) and (Current Debt £XXX.XX) may be viewed by pressing the display button.

#### 3.6.3 Expiry

When the emergency credit has fallen to zero the supply will be disconnected and the display will show £XXX.XX Debt, where £XXX.XX Debt represents the total amount owed by the customer including any Standing Charge collected. (Current Debt £XXX.XX) may be viewed by pressing the display button.

### 3.7 Prepayment Coins

#### 3.7.1 Valid Coins

When a valid coin is inserted its total monetary value is credited to the meter and its acceptance is indicated by the message "£XX.XX Credited" being displayed momentarily. The maximum credit is limited to £999.99 at which point the display will change to Excess Credit. Three examples are given below:

#### Example 1:

DISPLAY	ACTION
Rate - Credit £121.99	Insert £5 value of Coins
£5.00 Credited	
Rate - Credit £126.99	

#### Example 2:

DISPLAY	ACTION
Debt £10.99	Insert £5 value of Coins
£5.00 Credited	
Rate - Debt £5.99	

**Example 3:**

DISPLAY	ACTION
Debt £2.99	Insert £5 value of Coins
£5.00 Credited	
Rate - Debt £2.01	

**3.7.2 Excess Credit**

The message "Excess Credit" is displayed if a coin is inserted that would cause the pre-paid credit to become greater than £999.99.

**3.7.3 Emergency Credit Repayment**

When the pre-set emergency credit has expired, coins must be inserted that are of sufficient value to give a pre-paid credit of at least £1.00 above the emergency credit debt.

**4. PRIVATE MODE PROGRAMMING****4.1 Programming Method**

After REMOVING THE CASH BOX and pressing either of the exposed recessed black private mode switch buttons, the following 10 parameters can be sequentially viewed/ modified using the RED and GREEN buttons on the meter.

STEP	PROGRAMMING	SETTINGS
1	DD/MM/YYYY - HH:MM	Current Date and Time
2	Zero Credit No Yes	Manually Zero Credit - No or Yes
3	Set Credit £XXX.XX	Manually Set Credit
4	Emergency Credit £XX.XX	Emergency Credit Value
5	Emergency Credit Avail £XX.XX	Emergency Credit Available point
6	Rate 1 Unit Cost £XX.XX	Rate 1 - Cost per kWh Unit
7	Rate 2 Unit Cost £XX.XX	Rate 2 - Cost per kWh Unit
8	Standing Charge £XX.XX	Standing Charge per 24 hours
9	Operational Mode Meter Timer	Select Meter or Timer operating mode
10	Factory Defaults No Yes	Reset to Factory Defaults excluding kWh cumulative totals

To display/modify a particular parameter first press either private mode switch button upon the message 'PROGRAMMING' will be displayed. Next press the RED button until the Date and Time are displayed.

Each press of the GREEN button will increment the value above the cursor. Each press of the RED button for less than 3 seconds will move the cursor one place through the programmable setting of the displayed parameter. To store the new value press the RED button for greater than 3 seconds, then on releasing the RED button the next parameter for programming will be displayed. If no buttons are pressed within 10 seconds the display will revert to its normal operation mode without saving the new value.

**Example:** To change the value on Rate 1 Unit Cost the sequence of events will be as follows:

STEP	ACTION	DISPLAY
1	Press either private mode switch button	PROGRAMMING
2	Press and release the RED button for less than 3 seconds	Date and Time DD/MM/YY HH:MM
3	Press and hold the RED button for greater than 3 seconds to store the value	Date and Time DD/MM/YY HH:MM
4	Press and hold the RED button for greater than 3 seconds to store the value	Zero credit No Yes
5	Press and hold the RED button for greater than 3 seconds to store the value	Set Credit £XXX.XX
6	Press and hold the RED button for greater than 3 seconds to store the value	Emergency Credit £XXX.XX
7	Press and hold the RED button for greater than 3 seconds to store the value	Emergency Credit Avail £XXX.XX
8	Press and release the GREEN button until the correct value is shown	Rate 1 Unit Cost £XXX.XX
9	Press and release the RED button for less than 3 seconds to move the cursor one place through the programmable setting of the displayed parameter	Rate 1 Unit Cost £XXX.XX
10	Press and hold the RED button for greater than 3 seconds to store the settings	Rate 1 Unit Cost £XXX.XX
11	Press and hold the RED button for greater than 3 seconds to store the settings	Rate 2 Unit Cost £XXX.XX
12	Press and hold the RED button for greater than 3 seconds to store the settings	Standing Charge £XXX.XX
13	Press and hold the RED button for greater than 3 seconds to store the settings	Operational Mode Meter Timer
14	Press and hold the RED button for greater than 3 seconds to store the settings	Factory Defaults No Yes
15		Exiting Programming

4.2 Factory Defaults Reset

DISPLAY	REMARKS	FACTORY DEFAULTS
Factory Defaults	If Factory Defaults are reset then the following parameters are changed:	
	a Current Credit	£0.00
	b Emergency Credit Left	£1.00
No Yes	c Current Debt	£0.00
	d Total Credit	£0.00
	e Total Coin Counts	0
	f Standing Charge per 24 hours	£0.00
	g Rate 1 unit cost	£0.15
	h Rate 2 unit cost	£0.15
	i Emergency Credit Value	£1.00
	j Emergency Credit availability point	£0.50
	k Reverse Energy Detection "RED" when displayed	"RED" Not Displayed

4.3 Date and Time

The following date and time parameters are settable: Day, Month, Year, Hours, Minutes.

4.4 Zero Credit

Manually reset Debt and Credit to zero.

4.5 Set Credit

Manually set credit in the range of £0 to £999.99.

4.6 Emergency Credit Value

The emergency credit is settable in the range of £0 to £99.99.

4.7 Emergency Credit Available Point

The emergency credit available point is settable in the range of £0 to £99.99.

4.8 Cost per Unit for Rate 1 and 2

The cost per unit of electricity for each of the 2 rates is settable in the range £0 to £99.99.

4.9 Standing Charge per 24 hours

The standing charge is settable in the range £0 to £99.99 and is factory set to deduct the value set every 24 hours at midnight.

4.10 Operational Mode Meter Timer

The meter mode setting operates at cost per kWh unit of electricity or timer mode at cost per time of electricity.

5. APPENDIX

5.1 Starting Current

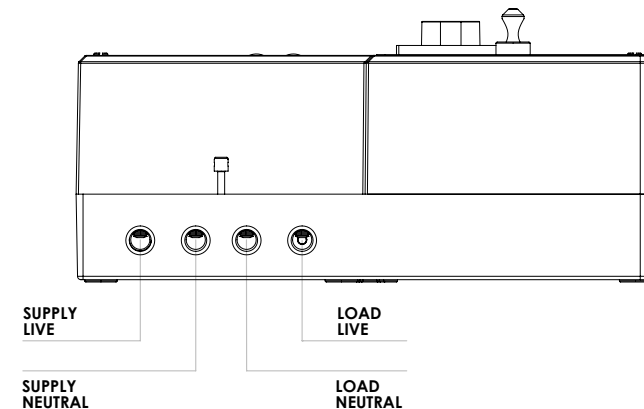
The meter starts to register at 80mA.

5.2 Wiring Diagram and Mounting Template (shown overleaf)

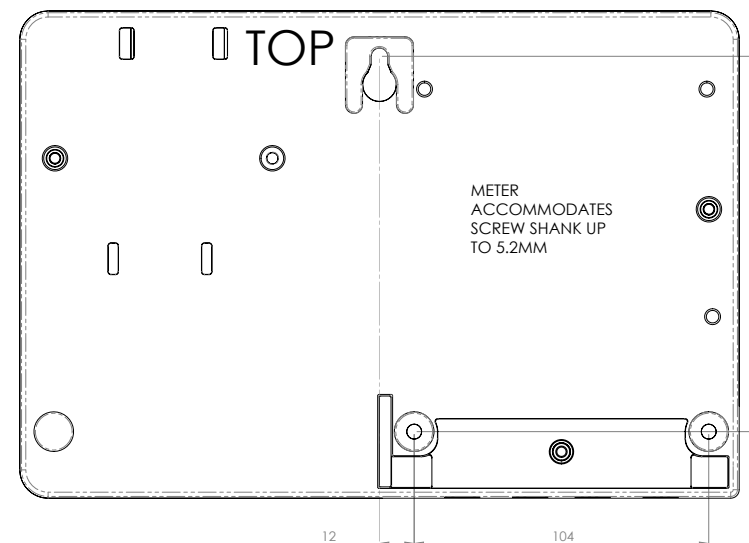
The meter must be installed by a competent, qualified electrician to the standards that satisfy the requirements of the current Institute of Electrical Engineers (IEE).

WIRING DIAGRAM AND MOUNTING TEMPLATE

WIRING DIAGRAM



WALL MOUNTING TEMPLATE





**1. INTRODUCTION**

**1.1 Overview**

This section of the manual covers the specification and operation of the M-101 single phase prepayment coin operated electricity meter and timer for operating in TIMER MODE. These instructions cover all versions irrespective of coinage ordered, for ease of understanding all denominations will be classified as COINS. **The main features of the product are:**

- ▶ All solid state with 2 x 16 character LCD
- ▶ Four versions are available - Sterling, Euro, Dollars and Tokens
- ▶ When a valid coin is inserted, time credit is copied to the timer
- ▶ Multiple coins may be entered in one session
- ▶ The remaining time credit is updated and continuously displayed
- ▶ Coin timer display counts down in hours, minutes and seconds
- ▶ User settable duration of 0 to 599 minutes
- ▶ Private mode switch buttons allow settings to be easily changed
- ▶ Tournament Mode Override
- ▶ Switches capacity up to 100A
- ▶ No battery replacement required
- ▶ Internal Real Time Clock with programmable switching
- ▶ Reverse Energy Detection

**2. TECHNICAL DATA**

The M-101 is an alternating Current Static Watt Hour Meter, Class B, with programmable timer function facility.

**2.1 Meter LED & Power Registration Security**

The red LED mounted on the front panel will pulse at a rate of 1000 pulses per kWh. Power registration is recorded in non-volatile memory under control of the microprocessor which is updated every 24 hours and in the event of a power failure. There are separate registers for each rate.

**2.2 Main Contactor**

Contactor Current Rating:..... 100 Amps  
 Terminal Arrangement:..... BS 7856  
 Main Terminal Dimensions:..... 8.0mm to 8.2mm  
 Terminal Construction:..... Solid Brass

**2.3 Power Supply**

Rated Voltage: .....230V  
 Operating Voltage Range:..... 220V-240V, Maximum 276V  
 Current Range:..... 20 to 100A Standard  
 Frequency: .....50Hz Standard

**2.4 Metrology**

Timer Accuracy: ..... 1%

**2.5 Environmental**

Temperature Operating Range: ..... -25 to 55 degrees C  
 Storage Range: ..... -25 to 55 degrees C  
 Transportation Range: ..... -25 to 70 degrees C  
 Ingress Protection:..... IP51

**2.6 Dimensions**

Height:.....222.00 mm  
 Width:.....254.00 mm  
 Depth: ..... 120.00 mm  
 Weight: ..... 1.80 kg

**3. NORMAL FUNCTIONAL OPERATION IN TIMER MODE**

**3.1 Normal Operation Display**

During normal operation the display on the M-101 in TIMER MODE will be one of those shown below.

DISPLAY	CONTACTOR	REMARKS
Timer Countdown 00:00:00	Open	The consumer has used up all credit
Timer Countdown HH:MM:SS	Closed	The consumer has HH:MM:SS credit remaining
Tournament Mode Enabled	Closed	In this mode the timer dispenses electricity without the consumer needing to enter coins

**3.2 Additional Displayed Information**

When the timer is operating normally, momentarily pressing the GREEN button will sequence through the parameters, as listed in the table overleaf. If during a manual sequence cycle, the GREEN button is not pressed within 10 seconds, the meter will revert to its normal display and operation.

**The table below gives a list of the 9 sequentially displayed parameters.**

STEP	DISPLAY	REMARKS
1	**DISPLAY*TEST** **DISPLAY*TEST**	Test all character positions on display
2	Token Minutes xxx	Amount of time credited for each coin or token inserted
3	Maximum Minutes xxxx	Maximum amount of time that can be credited by the consumer
4	Total (Value) Coins xxxxxxxxxx	Slot 1 total number of coins inserted
5	Total (Value) Coins xxxxxxxxxx	Slot 2 total number of coins inserted
6	Total Seconds xxxxxxxxxx	Total time of credit that has been inserted
7	Time HH:MM	Current Time
8	Date DD/MM/YYYY	Current Date
9		Software Version

**3.3 Tournament Mode Override**

In this mode the timer dispenses electricity without the consumer needing to enter coins.

**3.4 Disconnection**

**3.4.1 No Remaining Credit**

When the prepaid credit expires the timer main contactor will be open, thus disconnecting the power. To restore power and restart the timed cycle, coins must be inserted.

**3.4.2 Reverse Energy Detection**

If reverse power is detected above a pre-determined level the display will indicate “RED” (Reverse Energy Detection). Reverse detection can only be reset via the private mode switch buttons.

**3.5 Prepayment Coins**

**3.5.1 Valid Coins**

When a valid coin is inserted, time is credited to the timer and its acceptance is indicated by the message ‘XXXX Minutes’ being displayed momentarily. The maximum credit is limited to 1440 minutes at which point the display will change to Maximum Reached. An example is shown below:

Example 1:

DISPLAY	ACTION
Timer Countdown 00:00:00	Insert value Coin
XXXX Minutes Credited	Set time credited to timer

**3.5.2 Maximum Reached**

The message “Maximum Reached” is displayed if a coin is inserted that would cause the pre-paid credit to become greater than Maximum Time hh:mm set.

**4. PRIVATE MODE PROGRAMMING**

**4.1 Programming Method**

After REMOVING THE CASH BOX and pressing either of the exposed recessed black private mode switch buttons, the following 7 parameters can be sequentially viewed/ modified using the RED and GREEN buttons of the timer.

STEP	PROGRAMMING	SETTINGS
1	DD/MM/YYYY HH:MM	Current Date and Time
2	Zero Timer No Yes	Manually Zero Timer - No or Yes
3	Token hh:mm	Time credited for each token coin inserted
4	Max Time hh:mm	Maximum time which can be credited
5	Tournament Mode No Yes	Select Tournament Mode - No or Yes
6	Operational Mode Meter Timer	Select Meter or Timer mode
7	Factory Defaults No Yes	Reset to Factory Defaults excluding kWh cumulative totals

To display/modify a particular parameter first press either private mode switch buttons upon the message “Programming” will be displayed. Next press the RED button until the Date and Time are displayed.

Each press of the GREEN button will increment the value above the cursor. Each press of the RED button for less than 3 seconds will move the cursor one place through the programmable setting displayed parameter. To store the new value press the RED button for greater than 3 seconds, then on releasing the RED button the next parameter for programming will be displayed. If no buttons are pressed within 10 seconds the display revert to its normal operation mode without saving the new value.

**Example:** (shown overleaf)

To change the amount of time credited for each coin inserted the sequence of events will be as follows:



STEP	ACTION	DISPLAY
1	Press either private mode switch button	PROGRAMMING
2	Press and release the RED button for less than 3 seconds	Date and Time DD/MM/YY HH:MM
3	Press and hold the RED button for greater than 3 seconds to store the value	Date and Time DD/MM/YY HH:MM
4	Press and hold the RED button for greater than 3 seconds to store the value	Zero Time Credit No Yes
5	Press and release the GREEN button until the correct value is shown	Token hh:mm XX:XX
6	Press and release the RED button for less than 3 seconds to move the cursor one place through the programmable setting of the displayed parameter	Token hh:mm £XX:XX
7	Press and hold the RED button for greater than 3 seconds to store the value	Token hh:mm £XX:XX
8	Press and hold the RED button for greater than 3 seconds to store the value	Max Time hh:mm 10:00
9	Press and hold the RED button for greater than 3 seconds to store the value	Tournament Mode No Yes
10	Press and hold the RED button for greater than 3 seconds to store the value	Operational Mode Meter Timer
11	Press and hold the RED button for greater than 3 seconds to store the settings	Factory Defaults No Yes
12		Exiting Programming

4.2 Factory Default Reset

DISPLAY	REMARKS	FACTORY DEFAULTS
Factory Defaults	If Factory Defaults are reset then the following parameters are changed:	
	a Zero Timer Credit	00:00:00
	b Token Minutes	60
No Yes	c Max Time Minutes	600
	d Total Coins	0
	e Total Seconds	0
	f Reverse Energy Detection "RED" when displayed	"RED" Not Displayed

4.3 Date and Time

The following date and time parameters are settable: Day, Month, Year, Hours, Minutes.

4.4 Zero Time Credit

Manually reset credit to zero.

4.5 Token Value

The amount of time credited for each coin inserted is settable in the range 0 to 599 minutes.

4.6 Maximum Time

The maximum credit is settable in the range 0 to 1440 minutes at which point the display will change to Maximum Reached.

4.7 Tournament Mode Override

In this mode the timer dispenses electricity without the consumer needing to enter coins.

4.8 Operational Mode Meter or Timer

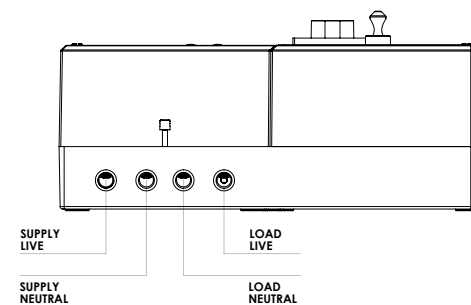
The timer mode setting operates at cost per time of electricity or meter mode at cost per kWh unit of electricity.

5. APPENDIX

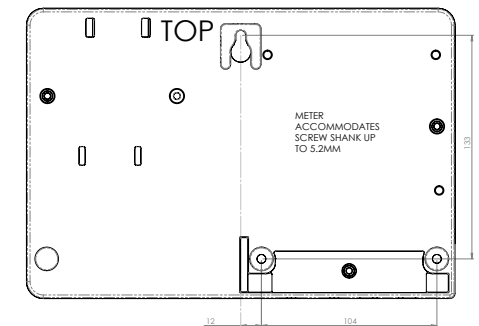
5.1 Wiring Diagram and Mounting Template (shown overleaf)

This timer must be installed by a competent, qualified electrician to the standards that satisfy the requirements of the current Institute of Electrical Engineers (IEE).

WIRING DIAGRAM



WALL MOUNTING TEMPLATE



**Meter Model: M-101  
Dual Coin Meter**

**This Declaration of Conformity applies  
to Meter Serial Number:**



**Meter Model: M-101  
Dual Coin Meter**

**This Declaration of Conformity applies  
to Meter Serial Number:**



**EU DECLARATION OF CONFORMITY**

**MIR 2016 DECLARATION OF CONFORMITY**

**RDL Meters Ltd.**

Unit E2, Westfield Business Park  
Long Road  
Paignton  
TQ4-7AU  
United Kingdom

This declaration of Conformity is issued under the sole responsibility of RDL Meters Ltd.

The fulfilment of the essential requirements set out in Annex I and in the relevant instrument specific Annexes has been demonstrated.

RDL Meters Ltd declares that the new Measuring Instrument described hereafter as M-101 Dual Coin Electronic Meter and Timer is in conformity with the provisions of EU Measurement Instrument Directive 2014/32/EU.

The object of the declaration is in conformity with the relevant Union harmonized legislation. BS EN 50470-1:2006 & BS EN 50470-3:2006.

It is identical to the Measuring Instrument which is the subject of EU type examination certificate number 0120/SGS0260 issued by SGS Fimko Ltd Notified Body No. 0598

Is subject to the procedure set out in Module D of the Directive 2014/32/EU under the supervision of SGS Fimko Ltd Notified Body No. 0598.

Verified at RDL Meters Ltd, Paignton

Date:

.....

**Peter Gibbs** - Technical Director  
RDL Meters Ltd

**RDL Meters Ltd.**

Unit E2, Westfield Business Park  
Long Road  
Paignton  
TQ4-7AU  
United Kingdom

This Declaration of Conformity is issued under the sole responsibility of RDL Meters Ltd.

RDL Meters Ltd declares that the new Measuring Instrument described hereafter as M-101 Dual Coin Electronic Meter and Timer is in conformity with the provisions of UK Measuring Instruments Regulations 2016.

The object of the declaration is in conformity with the relevant statutory requirements. BS EN 50470-1:2006 & BS EN 50470-3:2006.

It is identical to the Measuring Instrument which is the subject of MIR 2016 type examination certificate number 0120/SGS0260 issued by SGS UK Ltd Approved Body No. 0120.

Is subject to the regulations as set out in Module D of the Measuring Instruments Regulations 2016 under the supervision of SGS UK Ltd Approved Body No.

Verified at RDL Meters Ltd, Paignton

Date:

.....

**Peter Gibbs** - Technical Director  
RDL Meters Ltd



ESTABLISHED 1976



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