



P R O W A S H

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OPERATOR PROGRAMMING GUIDE SR2

Part # DH31266IVM

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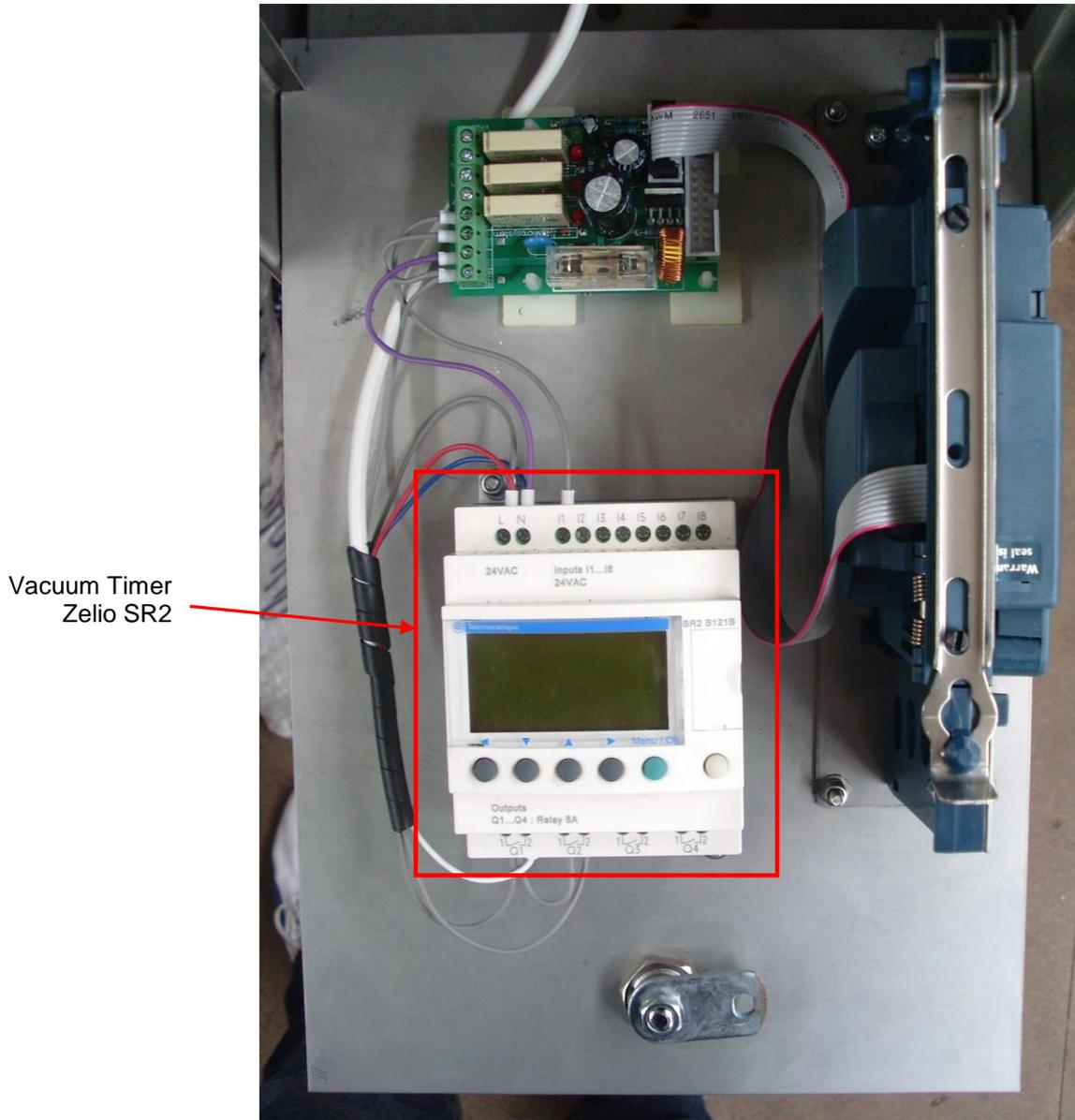
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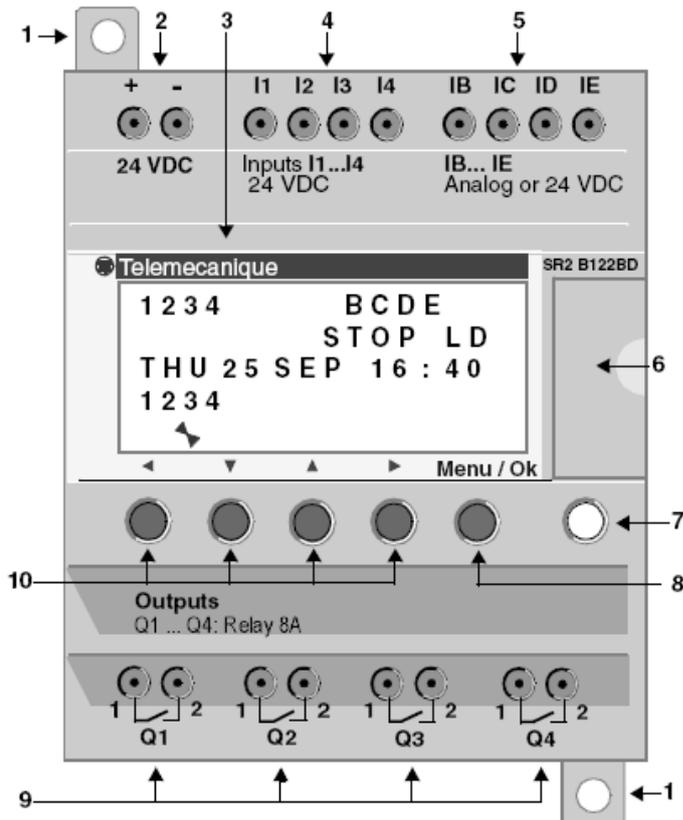
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ZELIO SR2 MOUNTED IN VACUUM



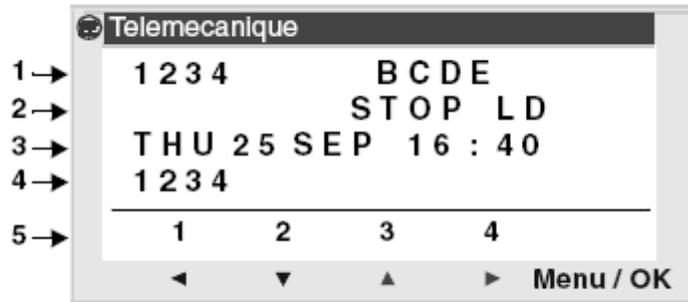
OVERVIEW OF ZELIO SR2

As of February 2008 the programming of the Zelio SR2 has changed and allowed us to display the resettable coin counter as the primary screen, also by pressing the **up arrow** you can view the non-resettable coin counter. Press **shift + menu/ok** together to be taken to the run screen, by repeating this you will return to the resettable coin counter screen.



REF	DESCRIPTION
1	Retractable mounting feet
2	Screw terminal block for the power supply
3	LCD, 4 lines, 18 characters
4	Screw terminal block for inputs
5	Screw terminal block for 0-10 Volt analog inputs usable in discreet mode on some models
6	Connector for backup memory of PC connection cable
7	Shift key
8	Selection and validation key
9	Relay output screw terminal block
10	Arrow keys or after first configuring them, Z push buttons

OVERVIEW OF LCD SCREEN & PROWASH INTERNAL FUNCTIONS



REF	DESCRIPTION
1	Input status display (B...E represent the analog inputs*)
2	Display of the operation mode (RUN/STOP) and programming mode (LD/FBD)
3	Display of the date (day and time for products with clock)
4	Output status display
5	Contextual menus / push buttons / icons indicating the operating modes

Internal Functions

Timers

- TT1 Time per \$1.00
- TT2 Timer per \$2.00
- TT3 Bonus Time per \$1.00
- TT4 Bonus Time per \$2.00

Counters

- CC1 Coin Count
- CC2 Token Count
- CC3 Non Reset Coin
- CC4 Non Reset Token

Time Clocks

- H1 Bonus Time
- H2 Vacuum Operation Time



DATE & TIME SETTING

1. Press **shift + menu/ok** together to access the **run screen**
2. Press **menu/ok** to access the main menu
3. Use the **up** or **down arrow** to scroll to **Change D/H**, once selected it will flash
4. Press **menu/ok** to access settings
5. Use the **right arrow** to scroll to the setting that needs to be adjusted
6. Once the setting you want to adjust is flashing use the **up** or **down arrow** to change the value.
7. Once all the settings are adjusted as required press **menu/ok** to save settings
8. To exit the main menu press the **left arrow**

SETTING OF VAC RUN TIME PER COIN

Prowash standard times per coin

TT1 (\$1 Coin) = 3:00Minutes

TT2 (\$2 Coin) = 6:00Minutes

1. Press **shift + menu/ok** together to access the **run screen**
2. Press **menu/ok** to access the main menu
3. Use the **up** or **down arrow** to scroll to **Parameters**, once selected it will flash
4. Press **menu/ok** to access settings, the screen will display **CC1 Counter**
5. Using the **up arrow** advance to **TT1 Timer C**
6. Press **right arrow** and the time will flash
7. Use the **up** or **down arrow** to change the time setting
8. Press **menu/ok**. The screen will ask you to confirm the settings, press **menu/ok** while **yes** is flashing to confirm, you will return to the TT1 Timer settings screen and the new time will be flashing
9. Press the **right arrow**. The TT1 will now be flashing
10. Press the **up arrow**, now the **TT2 Timer C** screen will be shown
11. Press the **right arrow** and the time will flash
12. Use the **up** or **down arrow** to change the time setting
13. Press **menu/ok**. The screen will ask you to confirm the settings, press **menu/ok** while **yes** is flashing to confirm, you will return to the TT2 Timer settings screen and the new time will be flashing
14. Press **menu/ok** to return to the **coin counter screen**.

A feature built into this timer allows for a \$2 coin to be programmed with a different run time, not just double the value of \$1 coin. E.g. \$2 = 7:00Minutes



PROWASH

CHECKING & RESETTING COIN & TOKEN COUNTERS

Viewing Counters

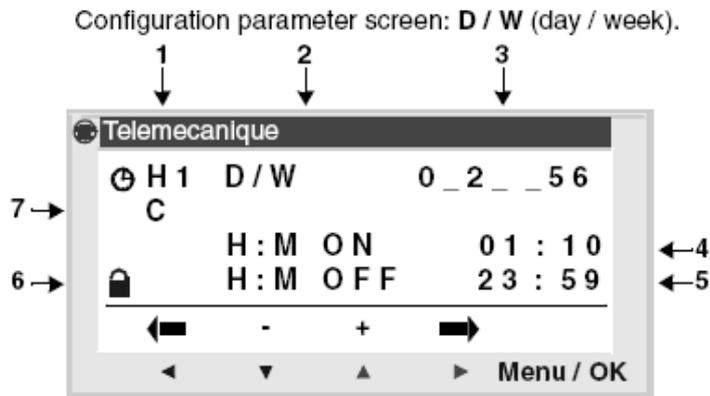
1. It is quite common for the display to be showing the **resettable coin counter**, however, if you are in the **run screen** press **shift + menu/ok** to access the **resettable coin counter** screen.
2. To view the **non resettable coin counter** screen press and hold the **up arrow**, once the button is released the screen will revert back to the **resettable coin counter** screen

Resetting Counters

1. It is quite common for the display to be showing the **resettable coin counter**, however, if you are in the **run screen** press **shift + menu/ok** to access the **resettable coin counter** screen.
2. To reset the coin counter press the **down arrow**

ZELIO SR2 CLOCK DISPLAY

Clock function block parameters



PARAMETER	REF	DESCRIPTION
Clock module number	1	Eight blocks can be used, numbered from 1 to 8
Type of date configuration	2	D/W: Days of the week
Validity day (D/W TYPE)	3	Validity day: 0: Monday 1: Tuesday 6: Sunday Days that are not selected are indicated by a _ character
Start time (D/W TYPE)	4	This is the operation start time, in Hour : Minute format (00.00 to 23.59)
End time (D/W TYPE)	5	This is the operation END time, in Hour : Minute format (00.00 to 23.59)
Parameter lock  Locked  Unlocked	6	This parameter is used to lock the parameters of the Clock function block. Once locked, the preset value is no longer displayed in the Parameter menu
Operating ranges	7	4 operating ranges are available: A,B,C & D

SETTING THE OPERATING TIME

DO NOT adjust this if 24 Hrs 7 days a week operation is required as this is a default setting

1. Press **shift + menu/ok** together to access the **run screen**
2. Press **menu/ok** to access the main menu
3. Use the **up** or **down arrow** to scroll to **Parameters**, once selected it will flash
4. Press **menu/ok** to access settings, the screen will display **CC1 Counter**
5. Use the **up arrow** to scroll to **H2**
6. Use the **right arrow** to scroll through the options
7. The **right arrow** will take you to a flashing **A**. Using the **up** or **down arrow** you can scroll thru **A, B, C** and **D**. This allows you to have 4 different operating times. Please note: The B, C & D operating times should only be used if you have different operating times for different days of the week.
8. Starting with **A**, and once its flashing use the **right arrow** to scroll to the next setting. From here you can select what days of the week you would like this program to run.
9. Use the **up** or **down arrow** to select the corresponding number to the day, use the **right arrow** to scroll to the next day.
0 = Monday
1 = Tuesday
2 = Wednesday
3 = Thursday
4 = Friday
5 = Saturday
6 = Sunday
NB: If you want to exclude a particular day for this operating time leave it as “-“.
10. After selecting the days for this specific operating time press the **right arrow**. The **On Time hour** will begin to flash. Use the **up** or **down arrow** to select the appropriate hour. Use the **right arrow** to scroll to the **On Time Minutes**. Use the **up** or **down arrow** to select the appropriate minutes
11. Continue scrolling with the **right arrow** to program the **Off Time** hours and minutes in the same way as detailed in Step 10
12. Once all the fields have been completed press **menu/ok**. The screen will ask you to confirm the settings, press **menu/ok** while **yes** is flashing to confirm, you will return to the H2 screen and the new operating times will be flashing
13. Press **menu/ok** to return to the **coin counter** screen



PROGRAMMING BONUS TIME

Bonus Time is a feature that allows you to give extra running time per coin to your customers during times set by you. For example, if you give 3 minutes running time per \$1.00 as a standard, during Bonus Time you can give the customer 4 minutes running time per dollar as a bonus of 33%.

The use of this function is only required if you want to run a bonus time feature at a certain time of the day or week.

TT3 = Bonus Time per \$1 Coin

TT4 = Bonus Time per \$2 Coin

1. Press **shift + menu/ok** together to access the **run screen**
2. Press **menu/ok** to access the main menu
3. Use the **up** or **down arrow** to scroll to **Parameters**, once selected it will flash
4. Press **menu/ok** to access settings, the screen will display **CC1 Counter**
5. Using the **up arrow** advance to **TT3 Timer C**
6. Press the **right arrow** and the time will flash
7. Use the **up** or **down arrow** to change the time setting
8. Press **menu/ok**. The screen will ask you to confirm the settings, press **menu/ok** while **yes** is flashing to confirm, you will return to the TT3 Timer settings screen and the new time will be flashing
9. Press the **right arrow**. The TT3 will now be flashing
10. Press the **up arrow**, now the **TT4 Timer C** screen will be shown
11. Press the **right arrow** and the time will flash
12. Use the **up** or **down arrow** to change the time setting
13. Press **menu/ok**. The screen will ask you to confirm the settings, press **menu/ok** while **yes** is flashing to confirm, you will return to the TT4 Timer settings screen and the new time will be flashing
14. Press **menu/ok** to return to the **coin counter** screen

PROGRAMMING OPERATING HOURS FOR BONUS TIME

1. Press **shift + menu/ok** together to access the **run screen**
2. Press **menu/ok** to access the main menu
3. Use the **up** or **down arrow** to scroll to **Parameters**, once selected it will flash
4. Press **menu/ok** to access settings, the screen will display **CC1 Counter**
5. Use the **up arrow** to scroll to **H1**
6. Use the **right arrow** to scroll through the options
7. The **right arrow** will take you to a flashing **A**. Using the **up** or **down arrow** you can scroll thru **A, B, C & D**. This allows you to have 4 different bonus times.
Please note: The B, C & D times should only be used if you have different bonus times for different days of the week.
8. Starting with **A**, and once its flashing use the **right arrow** to scroll to the next setting. From here you can select what days of the week you would like the bonus time to run.
9. Use the **up** or **down arrow** to select the corresponding number to the day, use the **right arrow** to scroll to the next day.
0 = Monday
1 = Tuesday
2 = Wednesday
3 = Thursday
4 = Friday
5 = Saturday
6 = Sunday
NB: If you want to exclude a particular day for this operating time leave it as “-“.
10. After selecting the days for this specific bonus time press the **right arrow**. The **On Time hour** will begin to flash. Use the **up** or **down arrow** to select the appropriate hour. Use the **right arrow** to scroll to the **On Time Minutes**. Use the **up** or **down arrow** to select the appropriate minutes
11. Continue scrolling with the **right arrow** to program the **Off Time** hours and minutes in the same way as detailed in Step 10
12. Once all the fields have been completed press **menu/ok**. The screen will ask you to confirm the settings, press **menu/ok** while **yes** is flashing to confirm, you will return to the H1 screen and the new bonus times will be flashing
13. Press **menu/ok** to return to the **coin counter** screen



PROWASH

ELECTRICAL CONNECTIONS

Input

- I1 Coin Input
- I2 Token Input (*if applicable*)

Outputs

- Q1 Motor Relay Output
- Q2 Power to Coin Mechanism