



MODBUS PRIUS PROTOCOL
Firmware 7.6 and following





NORME CE
EC RULES(STANDARD EC)
NORMAS DE LA CE

Direttiva Bassa Tensione }
Low Voltage Directive } **2014/35/UE**
Directiva de baja tensión }

Direttiva EMC Compatibilit  Elettromagnetica }
EMC electromagnetic compatibility directive } **2014/30/UE**
EMC directiva de compatibilidad electromagn tica }



GENERAL SAFETY GUIDELINES

Danger!

In emergencies the pumps should be switched off immediately! Disconnect the power cable from the power supply!

When installing always observe local regulations!

Manufacturer is not liable for any unauthorized use or misuse of this product that may cause injury, damage to persons and / or materials.

Caution!

pumps must be accessible at all times for both operating and servicing. Access must not be obstructed in any way!

Feeder should be interlocked with a no-flow protection device to automatically shut-off the pumps when there is no flow!

Pumps and accessories must be serviced and repaired by qualified and authorized personnel only!

Always discharge the liquid end before servicing the pumps!

Empty and rinse the liquid end before work on a pump which has been used with hazardous or unknown chemicals!

Always read chemical safety datasheet!

Always wear protective clothing when handling hazardous or unknown chemicals!

pumps must be operated / serviced by trained technicians only!

All connection operations must be performed while the pumps is not connected to main supply!

MODBUS PROTOCOL INTRODUCTION

Modbus is a serial communications protocol created in 1979 by Modicon (a company now part of the Schneider Electric group) to communicate its Programmable logic controllers (PLC). It has become a de facto standard in industrial communication, and is currently one of the most popular connection protocols in the world among industrial electronic devices. The main reason for such a high use of Modbus Compared to other communication protocols Is that this is an open and royalty- free protocol.

With the MODBUS protocol we define the format and the communication mode between a "master" who managed the system and one or mhour "slaves" that answer the master's queries. Our PRIUS-MF pump is a "slave" with MODBUS protocol.

The device address (ID), the date format, and the communication speed in baud September can be directly from the menu MODBUS Communication from the PRIUS-MF pumps.

MESSAGES FORMAT

The format of the messages between the master and the slave includes:

- The address of the device (ID) with Which the master has established communication (address 0 Corresponds to a broadcast message sent to all slave devices).
- The code of the function to be performed or Has Been.
- The data to be Exchanged.
- The error control according to Functional composed the CRC16 algorithm.

If a device detects an error in the message received (of format, parity or in the CRC16) or the address does not Correspond to an online device, the message is Considered invalid and discarded.

A slave who detects an error in the message therefhour will not perform the action, will not respond to the request or reply with an exceptional message.

DATA FORMAT

MODBUS protocol devices Use the following data formats for communication

Format 8N1 (default): 8 data bits, without any parity check (No parity) and with 1 stop bit.

8O1 format: 8 data bits, odd parity check on bits (Odd parity) and with 1 stop bit.

8E1 format: 8 data bits, odd parity check on bits (Even parity) and with 1 stop bit.

8N2 format: 8 data bits, no parity check and with 2 stop bits.

ADDRESS

MODBUS transactions always involve the master, who managed the line, and a slave at a time (except in the case of broadcast messages).

To identify the recipient of the message, a byte is sent as the first character containing the numeric address of the selected device.

Each of the slaves will therefhour have assigned a different address number Which uniquely identifies it.

The time between one interrogation and another must be greater than or equal to: 500 ms (thousand seconds)

The admissible addresses Are Those from 1 to 255, while the address 0, Which can not be assigned to a slave, Placed at the head of the message Transmitted by the master Indicates That this is "broadcast", ie directed to all the slaves simultaneously.

That Only messages do not require a reply to Carry Out Their function, therefhour only assignments, can be Transmitted.

FUNCTION CODE

The second character of the message Transmitted by the master identifies the function to be performed, to the slave Which in turn responds with the same code to the function indicated That Has Been performed.

In our case, the only MODBUS functions That can be used are the Following:

FUNCTION	DESCRIPTION
03	Read Holding Registers
06	Preset single register
10	Preset Multiple register

The last two characters of the message Contain the cyclic redundancy check code Calculated according to Functional the CRC16 algorithm.

MODBUS FUNCTIONS

Below is a detailed description of the MODBUS functions we use.

Read Output Registers (03)

This function Allows to request the value of 16-bit registers (word) containing numeric variables.

Request

In addition to the slave address and the function code (03), the message contains the starting address Expressed on two bytes and the number of words to be read Also on two bytes. The maximum number of words That can be read is 125.

Example: Request to read from the slave with ID 25 (19 HEX) of registers from 69 (44 hexadecimal) to 71.

ID	FUNC	Starting address (HI)	Starting address (THE)	Number of Words (HI)	Number of Words (LO)	CRC (HI)	CRC (THE)
19	03	00	44	00	03	46	06

ANSWER

In addition to the slave address and function code (03), the reply message includes the number of bytes read and the data contained in the registers read.

The registers are composed of two bytes each, the first of Which contains the most significant part.

Example of a response to the request above.

ID	FUNC	Number byte read	DATE address 69 (HI)	DATE address 69 (LO)	DATE address 70 (HI)	DATE address 70 (LO)	DATE address 71 (HI)	DATE address 71 (LO)	CRC HI	CRC THE
19	03	06	02	2B	00	00	00	64	AF	7A

Preset Single Register (06)

This function Allows you to set the value of a single 16-bit register (2 bytes). The broadcast mode is allowed.

Request

In addition to the slave address and function code (06), the message contains the address of the variable Expressed in two bytes and the value That must be assigned.

Example: set the value 928 on the slave having ID 35 (23 hexadecimal) to address 25 (hexadecimal 19).

ID	FUNC	address (HI)	address (THE)	DATE WORD (HI)	DATE WORD (LO)	CRC (HI)	CRC (THE)
23	06	00	19	03	A0	5E	07

ANSWER

In addition to the slave address and function code (06), the message contains the address of the variable Expressed in two bytes and the value assigned to it.

Example of response to the above request.

ID	FUNC	address (HI)	address (THE)	DATE WORD (HI)	DATE WORD (LO)	CRC (HI)	CRC (THE)
23	06	00	19	03	A0	5E	07

Preset Multiple Register (10)

This function Allows you to Set the value of a consecutive block of 16-bit register registers. Broadcast mode is allowed.

REQUEST

In addition to the slave address and function code 10 , the message contains the starting address, the number of words to be written, how many bytes are made up of the words and the value of the registers.

In our case it is allowed to write only one word at a time and only 2 or 4-byte words. Since we use the function with code 06 to write 2-byte registers, we basically use this function to write four-byte words.

Example: request to Set on the slave having ID 17 (11 hexadecimal) 1 word at address 34 (hexadecimal 22).

ID	FUNC	Starting address (HI)	Starting address (THE)	Number of Words (HI)	Number of Words (LO)	Byte for Words	DATE Word Address 22 (HI)	DATE Word Address 22 (LO)	CRC (HI)	CRC (THE)
11	10	00	22	00	01	02	01	0C	6C	87

ANSWER

In addition to the slave address and the function code (10), the message contains the address of the variable Expressed on two bytes, the number of words written (in our case only one word is allowed to be written) and the value assigned to en.

Example of response to the above request.

ID	FUNC	Starting address (HI)	Starting address (THE)	Number of Words (HI)	Number of Words (LO)	Byte for Words	DATE Word Address 22 (HI)	DATE Word Address 22 (LO)	CRC (HI)	CRC (THE)
11	10	00	22	00	01	02	01	0C	6C	87

ERRORS MANAGEMENT

There are two types of errors in MODBUS, handled differently: transmission errors and operational errors. Transmission errors are errors That alter the message, in its format, in parity (if it is used), or in the CRC16. That The device detects errors of this type in the message considers it to be invalid and unresponsive. If, on the other hand, the message is correct in its form but the function requested, for any reason, is not executable, there is an operating error. The slave device responds to this error with an exception message. This message Consists of the address, the requested delta function code, an error code and the CRC. To That indicated the response is the notification of an error, the function code is returned with the most significant bit at "1".

TRANSMISSION ERROR DEMO

TRANSMISSION ERROR DEMO

MASTER REQUEST

ID	FUNC	Starting address (HI)	Starting address (THE)	Number of Words (HI)	Number of Words (LO)	CRC (HI)	CRC (THE)
03	03	00	00	00	0A	C4	2F

Read (function 03) the first 10 words (1 word = 2 byte = 16 bits) of the slave having ID equal to 3 starting from address 0 (address 40001)

ANSWER

If a device (Slave) with an ID equal to 3 does not exist, the message is Considered invalid and there is no reply.

REQUEST

Read requests for content That does not exist in the slave

Reading request (function 03) the first three words of the slave having ID equal to 3 starting from address 11 (hexadecimal 0B) (address 40012)

ID	FUNC	Starting address (HI)	Starting address (THE)	Number of Words (HI)	Number of Words (LO)	CRC (HI)	CRC (THE)
01	03	00	0B	00	04	46	06

ANSWER

ID	FUNC	exeption queues	CRC (HI)	CRC (THE)
01	83	02	91	31

REQUEST

Write requests on a read-only location

Write request (function 06)

Example: set the value 0 on the slave having ID 01 address to 40001 (location 0).

ID	FUNC	address (HI)	address (THE)	DATE WORD (HI)	DATE WORD (LO)	CRC (HI)	CRC (THE)
01	06	00	00	00	00	89	CA

ANSWER

In addition to the slave address and function code (06), the message contains the address of the variable Expressed in two bytes and the value assigned to it.

Example of response to the request above.ANSWER

ID	FUNC	expection queues	CRC (HI)	CRC (THE)
01	86	02	C3	A1

Exception codes

CODE	FIRST NAME	decription
01	ILLEGAL FUNCTION VALUE	The function code received does not correspond to a function allowed on the addressed slave function.
02	ILLEGAL DATA ADDRESS	The address referred to by the data field is not an address allowed on the addressed slave.
03	ILLEGAL DATA VALUE	The valhour to assign referenced the data field is not allowed for this address.
05	BUSY WRITING	

VALUE ADDRESS LIST:

Starting address	Number byte	DATE FORMAT	PROPERTY	FUNCTION	DESCRIPTION *
RUNTIME					
Alarms					
40001	2	uint16	R	03	LEVEL OF ALARM 0: No ALARM - 1: ALARM
40002	2	uint16	R	03	STATE OF PUMP DURING LEVEL ALARM 0: The pump is dosing (the reserve is exhausted). 1: The pump is stopped (the reserve is exhausted)
40003	2	uint16	R	03	STANDBY 0: No Standby - 1: Standby

40004	2	uint16	R	03	ALARM OVERFLOW 0: No ALARM - 1: ALARM
40005	2	uint16	R	03	ALARM HIGH VOLT 0: No ALARM - 1: ALARM
40006	2	uint16	R	03	ALARM LOW VOLT 0: No ALARM - 1: ALARM
40007	2	uint16	R	03	ALARM MOTHOUR LOCKED 0: No ALARM - 1: ALARM

DOSAGE

40008	2	uint16	R	03	HOURLY DOSAGE Expressed in L / h (Gal / h) with a decimal. It can vary from 0 up to the maximum flow of the pump.
40009	2	uint16	R	03	FREQUENCY engine speed, expressed in%. From (0-100%)
40010	2	uint16	R	03	PARTIALIZED MODE 0: NO 1: YES
40011	2	uint16	R	03	PARTIALIZED MODE DOSAGE Q.TY Expressed in L / h (Gal / h) with a decimal. 0 (zero) value or 30% max flow capacity when into this mode
40012	2	uint16	R	03	PARTIALIZED MODE FREQUENCY Engine Speed. When into Partialized mode can be from 0 to 30%

SETTINGS

40100	2	uint16	R / W	03/06	LEVEL ALARM CONTACT 0: NO (Normally Open) 1: NC (Normally Closed)
40101	4	uint32	R / W	3.16	LEVEL ALARM RESERVE Expressed in L (Gal), to one decimal place It can range from 0 to 100000.
40104	2	uint16	R / W	03/06	UNIT 0: Liters - 1: Gallons
40106	2	uint16	R / W	03/06	WATER METER INPUT MEASURING UNIT 0: Pulse / L (pulse / Gal) 1: L / pulse (Gal / pulse)
40107	2	uint16	R / W	03/06	WATER METER INPUT VALHOUR Espresso in pulse / L (pulse / Gal) or L / pulse (Gal / pulse) to one decimal place. In the case in which the units of measurement are the pulse / L or L / pulse such valhour can vary from 0 to 3999. In the case in which the unit of measurement is Gallons / valhour the pulse can vary from 0 to 1056. In the case of pulse / Gallons from 0 to 15136.
40109	2	uint16	R / W	03/06	TIMEOUT VAL Expressed in seconds. The valhour of this field can vary from 5 to 120. Valhour The default is 10 seconds
40111	2	uint16	R / W	03/06	ALARM OVERFLOW 0: ALARM overflow with DOSAGE block. 1: ALARM overflow without the DOSAGE block.

40119	2	uint16	R/W	03/06	LOW LEVEL 0: output disabled 1: output enabled
40120	2	uint16	R/W	03/06	HIGH LEVEL 0: output disabled 1: output enabled
40121	2	uint16	R/W	03/06	ENGINE LOCKED 0: output disabled 1: output enabled
40113	2	uint16	R / W	03/06	DELAY Expressed in min. The valhour of this field can vary from 0 to 10. The valhour default is 0.
40115	2	uint16	R / W	03/06	EXIT ALARM - CONTACT 0: NO - 1: NC
40116	2	uint16	R / W	03/06	STATE OF 'OUT WITH ALARM PUMP ALARM OF LEVEL 1: active - 0: off
40117	2	uint16	R / W	03/06	STATE OF 'OUT WITH ALARM PUMP IN STANDBY 1: active - 0: off
40118	2	uint16	R / W	03/06	STATE OF 'OUT WITH ALARM PUMP ALARM OVERFLOW 1: active - 0: off
40123	2	uint16	R / W	03/06	EXTERNAL INPUT 0: disabled 1: used as Standby 2: used as a start for a certain amount in constant mode
40130	2	uint16	R	03	PUMP'S FLOW l/h or gallons (1 decimal unit)
40125	2	uint16	R / W	03/06	INPUT STANDBY - CONTACT NO 0 - 1 NC
40127	2	uint16	R / W	03/06	DOSAGE WITH CONSTANT START FROM EXTERNAL INPUT - CONTACT 0: NO - 1: NC
40128	2	uint16	R / W	03/06	DOSAGE WITH CONSTANT START FROM EXTERNAL INPUT - QUANTITY Quantity to be dosed after an external input. Expressed in L / h (Gal / h) to one decimal place. It can be set to values ranging from 0 (0L) up to the maximum flow of the pump.
STATISTICS					
40135	8	uint64	R	03	STATS (PARTIAL) QUANTITY OF PRODUCT DOSED Quantity of dosed in liters (gallons), since the last statistics reset.
40139	8	uint64	R	03	STATS (PARTIAL) WATER METER Quantity, expressed liters (gallons), passed through the water meter since the last statistics reset.
40143	8	uint64	R	03	STATS (PARTIAL) 24H DOSED QUANTITY Quantity expressed in liters (gallons), product dosed by (0:00:00 to 23: 59:59) of the day before

40147	8	uint64	R	03	STATS (PARTIAL) 24H DOSED QUANTITY Quantity, expressed liters (gallons), passed through the water meter by (0:00:00 to 23: 59:59) of the day before
40151	2	uint16	R	03	STATS (PARTIAL) RESET THE LAST TIME (Hour)
40152	2	uint16	R	03	STATS (PARTIAL) RESET THE LAST TIME (Minutes)
40153	2	uint16	R	03	STATS (PARTIAL) RESET THE LAST TIME (Seconds)
40154	2	uint16	R	03	STATS (PARTIAL) DATE LAST RESET (Day)
40155	2	uint16	R	03	STATS (PARTIAL) DATE LAST RESET (Month)
40156	2	uint16	R	03	STATS (PARTIAL) DATE LAST RESET (Year)
40157	8	uint64	R	03	STATS (TOTAL) DOSAGE TOTAL Expressed in liters (gallons).Quantity measured from the date of installation of the pump.
40161	8	uint64	R	03	STATS (TOTAL) TOTAL QUANTITY WATER METER Expressed in liters (gallons). Quantity, passed through the water meter the date of installation of the pump.
WORKING MODES					
40166	2	uint16	R / W	03	OFF 0: The pump is OFF - 1: The pump is ON
40168	2	uint16	R	03	WORKING MODES 0: Constant 1: ppm 2: perc 3: MLQ 4: Batch 5: Volt 6: mA 7: pulse 8: pause - work 9: weekly 10: undefined 11: external input
40170	2	uint16	R / W	03/06	MODE CONSTANT Quantity to be dosed in L / h (Gal / h), to one decimal place. It can be set from 0 to the maximum flow of the pump valhour
40172	2	uint16	R / W	03/06	MODE VOLT HIGH VALUE Input Voltage: superihour limit. Expressed in volts, to one decimal place. It can be set from 0 (0V) to 100 (10.0V).

40173	2	uint16	R / W	03/06	MODE VOLT LOW VALUE Input Voltage: inferihour limit. Expressed in volts, to one decimal place. It can be set from 0 (0V) to HIGH VALUE - 1.
40174	2	uint16	R / W	03/06	MODE VOLT HIGH DOSAGE Quantity of product to be dosed when the input voltage exceeds the valhour HIGH. Expressed in L / h (Gal / h), to one decimal place. It can be set from 0 to the maximum flow of the pump.
40175	2	uint16	R / W	03/06	MODE VOLT DOSAGE LOW Quantity to be dosed when the input voltage is inferihour to valhour LOW. Expressed in L / h (Gal / h), to one decimal place. It can be set from 0 to the maximum flow of the pump
40177	2	uint16	R / W	03/06	MODE mA HIGH VALUE Input Current: superihour limit. He expressed in mA, with one decimal place. This field can be set from 0 (0 mA) to 200 (20,0mA).
40178	2	uint16	R / W	03/06	MODE mA LOW VALUE Input Current: inferihour limit. He expressed in mA, with one decimal place. This field can be set from 0 to -1 HIGH VALUE.
40179	2	uint16	R / W	03/06	MODE mA HIGH DOSAGE Quantity of product to be dosed when the input current exceeds the valhour HIGH. Expressed in L / h (Gal / h), to one decimal place. This field can be set from 0 to the maximum flow of the pump.
40180	2	uint16	R / W	03/06	MODE mA DOSAGE LOW Quantity of product to be dosed when the input current drops below the valhour LOW. Expressed in L / h (Gal / h), to one decimal place. This field can be set from 0 to the maximum flow of the pump.
40182	2	uint16	R / W	03/06	PULSE HIGH VALUE Pulses per minute Input: superihour limit. This field can be set from 0 to 999 p / m.
40183	2	uint16	R / W	03/06	PULSE LOW VALUE Pulses per minute Input: inferihour limit. This field can be set from 0 to (PULSE HIGH VALUE - 1) p / m.

40184	2	uint16	R / W	03/06	<p>PULSE HIGH DOSAGE</p> <p>Quantity to be dosed when the number of input pulses exceeds the valhour HIGH. Expressed in L / h (Gal / h), to one decimal place. It can be set from 0 to the maximum flow of the pump.</p>
40185	2	uint16	R / W	03/06	<p>PULSE DOSAGE LOW</p> <p>Quantity to be dosed when the number of input pulses falls below the valhour LOW. Expressed in L / h (Gal / h), to one decimal place. It can be set from 0 to the maximum flow of the pump.</p>
40187	2	uint16	R / W	03/06	<p>PAUSE MODE - WORK MINUTES OF WORK</p> <p>The field can be set from 1 to 999 min</p>
40188	2	uint16	R / W	03/06	<p>PAUSE MODE - WORK MINUTES OF BREAK</p> <p>The field can be set from 1 to 999 min</p>
40189	2	uint16	R / W	03/06	<p>PAUSE MODE - WORK QUANTITY TO DOSE</p> <p>Quantity of product to be dosed during the work phase. Expressed in L / h (Gal / h), to one decimal place</p>
40195	4	uint32	R / W	3.16	<p>MODE ppm</p> <p>Quantity of product to be dosed in function of the quantity of incoming water. Expressed in ppm (parts per million) with two decimal places.</p> <p>It can vary from 1 (0,01ppm) to 999999 (9999.99 ppm) valhour the default is 100 (1.00 ppm).</p>
40197	2	uint16	R / W	03/06	<p>MODE ppm CONCENTRATION</p> <p>Concentration of the product to be dosed Expressed in percent with one decimal place. The valhour can vary from 1 (0.1%) to 1000 (100.0% pure product). Valhour The default is 100 (10.0%).</p>
40199	4	uint32	R / W	3.16	<p>MODE perc</p> <p>Quantity of product to be dosed in function of the quantity of incoming water. Expressed as a percentage with two decimal places.</p> <p>The valhour can vary from 1 (0.01%) to 10000 (100,00). Valhour The default is 100 (1.00%).</p>
40201	2	uint16	R / W	03/06	<p>MODE perc CONCENTRATION</p> <p>Concentration of the product to be dosed Expressed in percent with one decimal place. The valhour can vary from 1 (0.1%) to 1000 (100.0% pure product). Valhour The default is 100 (10.0%).</p>

40203	4	uint32	R / W	3.16	MODE MLQ Quantity of product to be dosed in function of the quantity of incoming water. Expressed in MLQ (milliliters x hundredweight) to two decimal places. It can vary from 1 (0.01 MLQ) to 100000 (1000,00 MLQ) the default valhour is 100 (1.00 MLQ)
40205	2	uint16	R / W	03/06	MODE MLQ CONCENTRATION Concentration of the product to be dosed Expressed in percent with one decimal place. The valhour can vary from 1 (0.1%) to 1000 (100.0% pure product). Valhour The default is 100 (10.0%).
40192	2	uint16	R / W	03/06	BATCH MODE EXTERNAL QUANTITY Quantity to be dosed at the maximum speed of the pump. Expressed the L (Gal) to one decimal place. It can range from 0 (0.0 L) to 9999 (999.9 L).
40193	2	uint16	R / W	03/06	BATCH MODE EXTERNAL CONTACT 1: CONTACT NC - 0: NO CONTACT
PROGRAMMONE WEEKLY					
PROGRAM 1 (P1)					
40207	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40208	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40209	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40210	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40211	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40212	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40214	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40215	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40216	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40217	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40218	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40219	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE

40220	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 2 (P2)					
40221	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40222	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40223	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40224	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40225	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40226	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40228	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40229	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40230	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40231	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40232	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40233	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40234	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 3 (P3)					
40235	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40236	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40237	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40238	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40239	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40240	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40242	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40243	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40244	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40245	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40246	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40247	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE

40248	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 4 (P4)					
40249	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40250	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40251	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40252	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40253	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40254	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40256	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40257	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40258	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40259	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40260	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40261	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40262	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 5 (P5)					
40263	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40264	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40265	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40266	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40267	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40268	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40270	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40271	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40272	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40273	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40274	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE

40275	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40276	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 6 (P6)					
40277	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40278	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40279	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40280	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40281	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40282	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40284	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40285	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40286	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40287	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40288	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40289	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40290	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 7 (P7)					
40291	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40292	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40293	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40294	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40295	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40296	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40298	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40299	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40300	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40301	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40302	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE

40303	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40304	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 8 (P8)					
40305	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40306	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40307	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40308	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40309	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40310	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40312	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40313	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40314	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40315	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40316	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40317	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40318	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 9 (P9)					
40319	2	uint16	R / W	03/06	1: enable 0: disable
40320	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40321	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40322	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40323	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40324	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40326	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40327	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40328	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40329	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE

40330	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40331	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40332	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 10 (P10)					
40333	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40334	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40335	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40336	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40337	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40338	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40340	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40341	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40342	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40343	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40344	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40345	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40346	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 11 (P11)					
40347	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40348	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40349	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40350	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40351	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40352	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40354	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40355	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40356	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40357	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE

40358	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40359	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40360	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 12 (P12)					
40361	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40362	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40363	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40364	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40365	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40366	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40368	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40369	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40370	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40371	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40372	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40373	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40374	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 13 (P13)					
40375	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40376	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40377	2	uint16	R / W	03/06	START DOSAGE - MINUTES It can be set from 0 to 59
40378	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40379	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40380	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40382	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40383	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40384	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40385	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE

40386	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40387	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40388	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 14 (P14)					
40389	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40390	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40391	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40392	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40393	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40394	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40396	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40397	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40398	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40399	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40400	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40401	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40402	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 15 (P15)					
40403	2	uint16	R / W	03/06	1: enable 0: disable
40404	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40405	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40406	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40407	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40408	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40410	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40411	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40412	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40413	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE

40414	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40415	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40416	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 16 (P16)					
40417	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40418	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40419	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40420	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40421	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40422	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40424	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40425	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40426	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40427	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40428	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40429	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40430	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 17 (P17)					
40431	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40432	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40433	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40434	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40435	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40436	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40438	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40439	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40440	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40441	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE

40442	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40443	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40444	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 18 (P18)					
40445	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40446	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40447	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40448	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40449	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40450	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40452	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40453	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40454	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40455	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40456	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40457	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40458	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 19 (P19)					
40459	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40460	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40461	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40462	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40463	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40464	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40466	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40467	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40468	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40469	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE

40470	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40471	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40472	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 20 (P20)					
40473	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40474	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40475	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40476	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40477	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40478	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40480	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40481	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40482	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40483	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40484	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40485	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40486	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 21 (P21)					
40487	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40488	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40489	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40490	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40491	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40492	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40494	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40495	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40496	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40497	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE

40498	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40499	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40500	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 22 (P22)					
40501	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40502	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40503	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40504	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40505	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40506	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40508	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40509	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40510	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40511	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40512	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40513	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40514	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 23 (P23)					
40515	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40516	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40517	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40518	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40519	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40520	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40522	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40523	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40524	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40525	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE

40526	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40527	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40528	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE
PROGRAM 24 (P24)					
40529	2	uint16	R / W	03/06	1: Enabled - 0: disabled
40530	2	uint16	R / W	03/06	START DOSAGE (Hour) It can be set from 0 to 23
40531	2	uint16	R / W	03/06	START DOSAGE (Minutes) It can be set from 0 to 59
40532	2	uint16	R / W	03/06	LENGTH DOSAGE (Hour) It can be set from 0 to 24.
40533	2	uint16	R / W	03/06	LENGTH DOSAGE (Minutes) It can be set from 0 to 59.
40534	4	uint32	R / W	3.16	QUANTITY TO DOSE Expressed in L (Gal) to one decimal place
40536	2	uint16	R / W	03/06	Sunday 1: DOSAGE ON - 0: OFF DOSAGE
40537	2	uint16	R / W	03/06	Monday 1: DOSAGE ON - 0: OFF DOSAGE
40538	2	uint16	R / W	03/06	Tuesday 1: DOSAGE ON - 0: OFF DOSAGE
40539	2	uint16	R / W	03/06	Wednesday 1: DOSAGE ON - 0: OFF DOSAGE
40540	2	uint16	R / W	03/06	Thursday 1: DOSAGE ON - 0: OFF DOSAGE
40541	2	uint16	R / W	03/06	Friday 1: DOSAGE ON - 0: OFF DOSAGE
40542	2	uint16	R / W	03/06	Saturday 1: DOSAGE ON - 0: OFF DOSAGE

* Note: For the minimum and maximum values can be set refer to the operating manual of the pump



When dismantling this pumps please separate material types and send them according to local recycling disposal requirements. We appreciate your efforts in supporting your local Recycle Environmental Program.

Working together we'll form an active union to assure the world's invaluable resources are conserved.