



**8. Demand of a partial file:**

a. Send Command: \$000000SZPXXXXXXXXX.XXXXX/XX/XX XX:XX:XXXX/XX/XX  
XX:XX:XXCCIf

b. Answer: \$00ACKCCIf  
\$00ERRnnCCIf

Example Send Command: \$000000SZPSTD-PROG.STD20/11/03 11:00:0021/11/03  
11:00:00CCIf

**9. Clock read:**

a. Send Command: \$000000RCLCCIf

b. Answer: \$00DD/MM/AA hh:mm:ssCCIf

**10. Clock write:**

a. Send Command: \$000000WCLDD/MM/AAAA hh:mm:ssCCIf

b. Answer: \$00ACKCCIf

a. \$00ERRCCIf

**11. Instantaneous measures reading**

a. Send Command: \$000000MONCCIf

b. Answer: \$00 long variables[36] hexascii CCIf

**12. Default setup:**

a. Send Command: \$000000DEFCCIf

b. Answer: \$00ACKCCIf

\$00ERRCCIf

To 60Hz devices the command is as it follows: \$000000DEXCCIf

**13. Reset:**

a. Send Command: \$000000INICCCIf

b. Answer: \$00ACKCCIf

**14. Active Energy read:**

a. Send Command: \$000000RWHCCIf

b. Answer: \$009char ascii positive energy 9char ascii negative energyCCIf

**15. Inductive Energy read:**

a. Send Command: \$000000RLHCCIf

b. Answer: \$009char ascii positive energy 9char ascii negative energyCCIf

**16. Capacitive Energy read:**

a. Send Command: \$000000RCH

b. Answer: \$009char ascii positive energy 9char ascii negative energyCCIf

**17. Read communication configuration:**

a. Send Command: \$000000RRSCCIf

b. Answer: \$00 PP p L S BBBB BBBBCCIf

1. PP: device number
2. p: parity
3. L: lenght
4. S: stop bits
5. BBBB: baud rate



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**18. Write communication configuration:**

Send Command: \$000000WRS PP p L S BBBB BBBB CCIf  
Answer: \$00ACKCCIf

All the instructions sended to the device have the same beginning "\$00000". This is only if the password is 0000, if not, you must change the 0 for the correct passsword.

\$NNPPPP : NN Peripheric number  
PP: Password



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### Command MON structure

<b>variable</b>			<b>tipo</b>	<b>Bytes number</b>	<b>Structure</b>
data			long	8x1	hexascii
V(L1)	V(L2)	V(L3)	long	8x3	hexascii
I(L1)	I(L2)	I(L3)	long	8x3	hexascii
Kw(L1)	Kw(L2)	Kw(L3)	long	8x3	hexascii
KvarL(L1)	KvarL(L2)	KvarL(L3)	long	8x3	hexascii
KvarC(L1)	KvarC(L2)	KvarC(L3)	long	8x3	hexascii
P.F.(L1)	P.F.(L2)	P.F.(L3)	long	8x1	hexascii
Hz			long	8x3	hexascii
KVA			long	8x1	hexascii
Unbalance coefficient			long	8x1	hexascii
Asymethry coefficient			long	8x1	hexascii
D_V(L1)	d_V(L2)	d_V(L3)	int	4x3	hexascii
D_I(L1)	d_I(L2)	d_I(L3)	int	4x3	hexascii
units V			char	2x1	hexascii
units I			char	2x1	hexascii
units P			char	2x1	hexascii
units unbalance / asymethry			char	2x1	hexascii
units d_V			char	2x1	hexascii
units d_I			char	2x1	hexascii
flagevq_tfl (1)			char	2x1	hexascii
Nº frequency decimals			char	2x1	hexascii

(1) Shows if there is an EVQ or a TFL (voltage out of limits). If there is an EVQ the bit is 1, if not is 0:

b7	b6	TFL L3	TFL L2	TFL L1	EVQ L3	EVQ L2	EVQ L1
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