

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



VIAL SANT JORDI, S/N

08232 VILADECAVALLS (BARCELONA)

ESPAÑA / SPAIN



Web: www.circutor.com

E-mail: central@circutor.es

Tel: (+34) 93 745 29 00

Fax: (+34) 93 745 29 14

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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E-mail: central@circutor.es
Tel: (+34) 93 745 29 00
Fax: (+34) 93 745 29 14

Command MON structure

variable			tipo	Bytes number	Structure
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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