










| 2. TECHMICAL 1 P |  |
| :---: | :---: |
|  | Codes3310.x |
| Digtal nout |  |
|  |  |
|  | (empen ${ }^{\text {- }}$ |
|  |  |
|  | ${ }^{-24 \mathrm{~V}} \mathrm{~V}$ nput |
|  | - Wataibe Reuctance |
|  |  |
|  | , 17 Yoc |
|  |  |
|  |  |
|  | Confi |


|  | Resolution: $2 \mathrm{~A} / 1 \mathrm{mV}$. |
| :--- | :--- | :--- | :--- |
| M1001503-E |  |
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12. MODBUS REGITTERS (Optional Card)


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|  |  |
| :---: | :---: |
|  |  |
|  |  |
| $\begin{aligned} & \text { Error of Voltage / Current } \\ & \text { output (referred to max } \\ & \text { measurina ranae): } \end{aligned}$ |  |
|  | Lineaily |
|  | 5 ms . |
|  |  |
|  |  |
| Isolition: | 1500 V ac among each pair of ports |
|  | card porss |
| eetions: | -Removale screw emimias, $3.5 \mathrm{~mm} / 5.08 \mathrm{~mm}$ |
| $\begin{array}{\|l\|} \hline \text { Protection: } \\ \hline \text { Dimensions }(\mathrm{L} \times \mathrm{W} \times \mathrm{H}) \\ \hline \text { Standards: } \\ \hline \end{array}$ | 1 P65 On the tornal with the appositeterumished se |
|  | K88.5×4 |
|  |  |
|  | ENS1000-6-220006-10 (electromagneicic inmunity |
| CE |  |
|  |  |
|  | transformer must comply with |

3. FUUCTIONING OESCRIPTION
The digatal Inuut treueneny measurement





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| Parameters setable from Menu: A.L.I. / A.L.E. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| PParameer | Parameter Name | ing ra |  |  |  |
|  |  | Value referred to the displayed frequency value Settable value on the following ranges: |  |  |  |
|  |  |  |  |  |  |
| 5Et? |  | Display Digits | Min. L |  |  |
| HY5 |  |  | -1999 |  |  |
|  |  | 8 -1909999 <br> $11(4+7)$ -19999999 <br> 1099  |  |  |  |
| H452 |  |  |  |  |  |
|  | Alam 1 Type | $\begin{aligned} & 1=\text { Alarm on the minimum threshold } \\ & 2=\text { Alarm on the maximum threshold } \end{aligned}$ |  |  |  |
|  |  |  |  |  |  |
|  | Alam2 Type | $3=$ Retained alarm on the minimum threshold(the reset is not automatic)$4=$ Retained alarm on the maximum threshold(the reset is not automatic) |  |  |  |
|  |  |  |  |  |  |
|  | Relay 1: N.O./N.C.R |  |  |  |  |
|  |  |  |  |  |  |


| ameters settabe from Menu: O.L.L |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \| Prameter | Parameter Name | Descripition and setting range |  |  | (ofaut $\begin{gathered}\text { Value } \\ \text { Vat }\end{gathered}$ |
| L0-t | $\begin{aligned} & \text { Frequency Display } \\ & \text { Value associated to } \\ & \text { the minimum value } \\ & \text { of the output. } \end{aligned}$ | Limits for the scaling of the retransmitted output. Settable values on the following limits |  |  |  |
|  |  | - Display Digits | Min. Limit | Wx. Limit |  |
| Hi - |  | $\frac{4}{6}$ | ${ }_{\text {- }}^{\text {- } 19099}$-1999 | ${ }_{\text {gogas }}^{\text {g9999 }}$ |  |
|  |  | $\frac{8}{11(4+7)}$ | -19999999 | 0999 |  |
| tYPE | Reransmited |  | ${ }^{2}=4-20 \mathrm{~mA}$ |  |  |

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| Bit 7 P0] |  |  |
| :---: | :---: | :---: |
| FREQ_LONG_Msw | Disinayev valu of the freaunery masurement | 40041 R |
| FREQ_LONG_LSw |  | 40042 |
| Tot_Long_Lsw | T Tortizer value (Long tormat, most significant | $4^{40003}{ }^{\text {R }}$ |
| tot_Long_Lsw | Totalizer value (Long format, least significan <br> Total |  |
| Freq_float_nsw | Freauency Measurement valu in Hz Hz Foating | 40045 R |
| FREQ_FLOAT_LSW | Frequency Measurement value in Hz (Floating Point Format, least significant word). |  |
| FREQ_SHORT | Fravency measurement in 0.1000 sale. | 40047 |
|  |  |  |
| Status | Errors and alams Signaling. | 40048 R |
|  |  |  |
| ${ }_{\text {Bit }}{ }_{\text {Bit }}{ }^{\text {d }}$ |  |  |
| Bit 5 |  |  |
| ${ }_{\text {Bitit }}^{\text {Bit }}$ |  |  |
|  |  |  |
|  |  |  |


|  |  |
| :---: | :---: |
|  |  |
|  |  |








| .1. 5 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Patamet | Parameer Name |  | cripion and se | ng range |  |
| Addr | Moobus Address | Setabe val | es. fom 1022 |  |  |
| PRr | controt tpe | 0 =None | EEv | 2=odd. | 0: None |
| dEL | Deay on he | Number of entered be |  |  |  |
| bRid | $\begin{array}{\|c} \substack{\text { Semialation } \\ \text { spopeadion }} \end{array}$ |  |  |  | 6: 88400 |


| ameters setatale from Menu: $\quad 5.4 .5$ |  |  |  |
| :---: | :---: | :---: | :---: |
| Parameter | Parameter Name | pion and | ${ }_{\substack{\text { Defaut } \\ \text { Value }}}$ |
| COnt | Display Contast | Values fom 1 (minimum contrast) to 20 |  |
| UPdn | $\begin{aligned} & \text { Totalizer type: } \\ & \text { UP-counter or } \\ & \text { DOWN-counter } \end{aligned}$ | $0=$ the totalizer increases of a unit at each rising edge of the digital input. $1=$ the totalizer decreases of a unit at each |  |
| dFLE | Defaut settigs | $\begin{aligned} & \text { rising edge of the digital input. } \\ & 1=\text { Overwrite the set values with the default } \\ & \text { values. } \end{aligned}$ |  |


E.H.I.E. By coniminin wint okmenvi, aline peramemeies are saved in

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| Bito |  |  |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { RESETT } \\ & \left.\begin{array}{l} \text { REI } 1[5: 0] \end{array}\right] \end{aligned}$ | Module Reset. -By writing 0xC1A0 (decimal 49568), r | 40499 RW |




 CSQ--GNEE-

## SSENEC



