

## Definition of the Object 1011h (Referring to the CANopen standard DS301):

### **Object 1011h: Restore default parameters**

With this object the default values of parameters according to the communication or device profile are restored. By read access the device provides information about its capabilities to restore these values. Several parameter groups are distinguished:

Sub-Index 0 contains the largest Sub-Index that is supported.

Sub-Index 1 refers to all parameters that can be restored.

Sub-Index 2 refers to communication related parameters (Index 1000h - 1FFFh manufacturer specific communication parameters).

Sub-Index 3 refers to application related parameters (Index 6000h - 9FFFh manufacturer specific application parameters).

At Sub-Index 4 - 127 manufacturers may restore their individual choice of parameters.

Sub-Index 128 - 254 are reserved for future use.

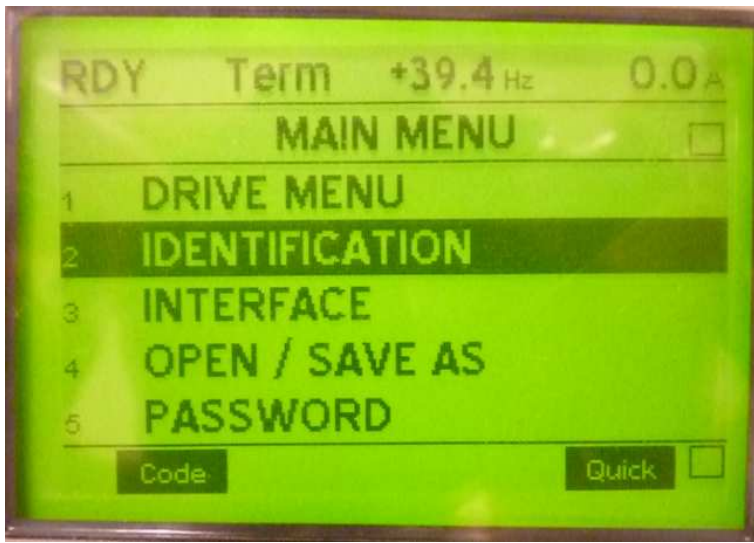
## How to avoid the ATV32 factory setting if this object is not needed:

Some PLC sent this object at the "Init" via CANopen. **When the ATV32 receive this request, it goes to factory setting and you lost the drive configuration.**

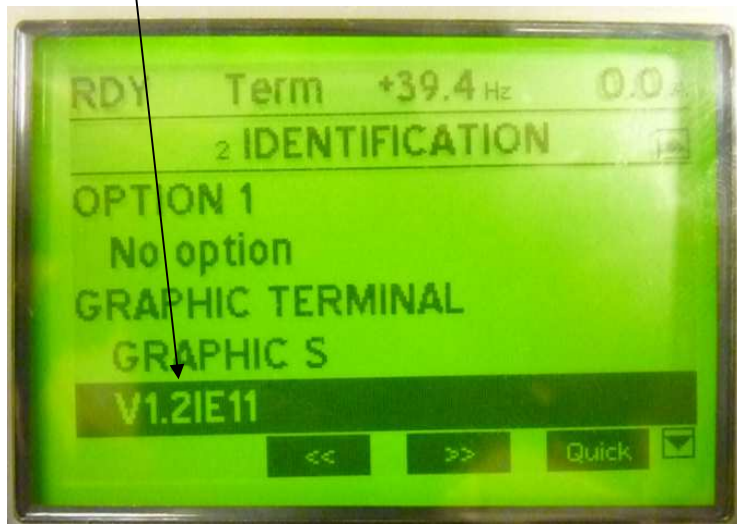
To reject this request and to avoid an unintended factory setting of the ATV32. **You have to activate the Bit7 of the Application hidden word AP01.**

## How to activate the bit7 of AP01 Word :

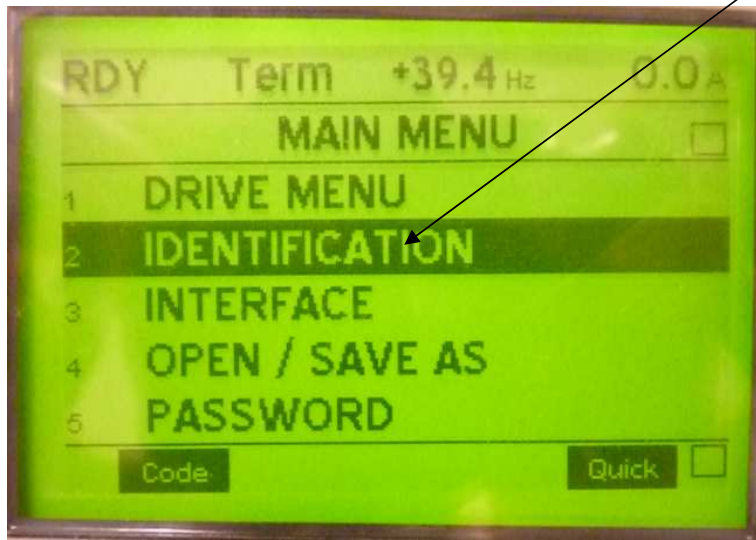
Go to the menu **2.Identification**



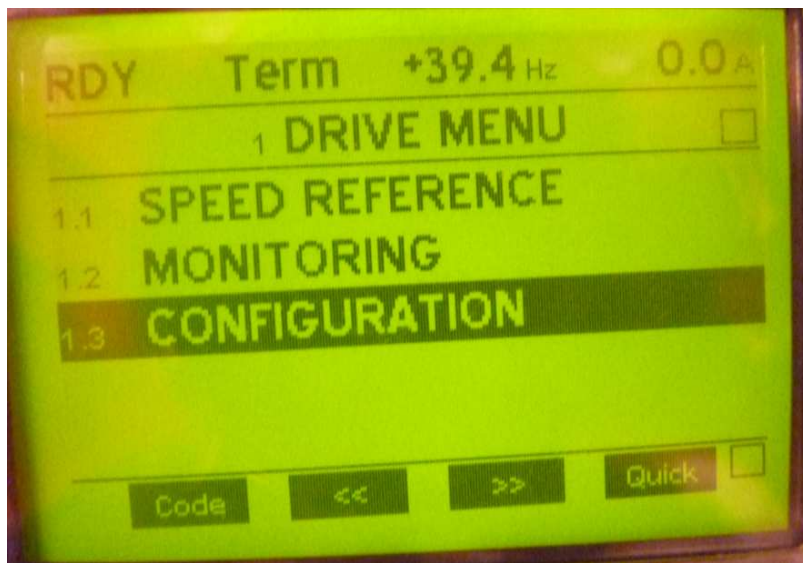
Put the cursor on the graphic keypad version.



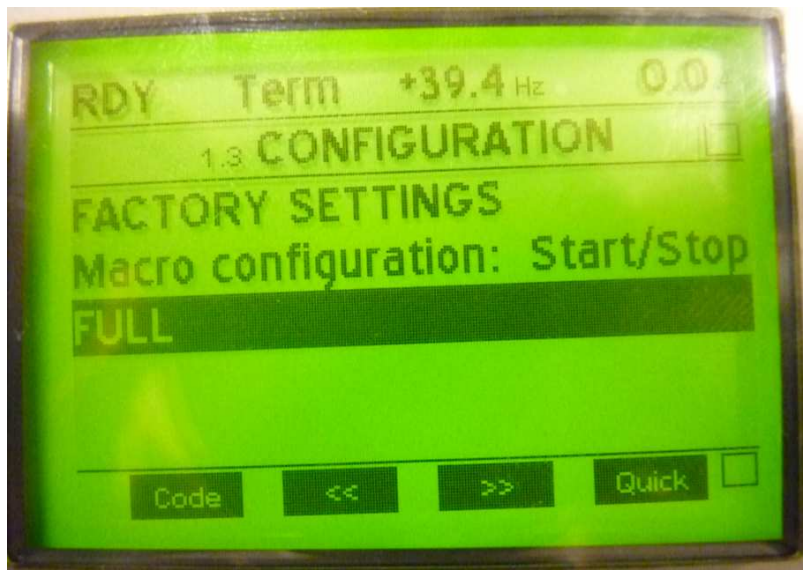
Then Push the button "ENTER" for 5s, until the graphic keypad displays again the menu 2. Identification.



Then, go to the menu 1.3 Configuration.



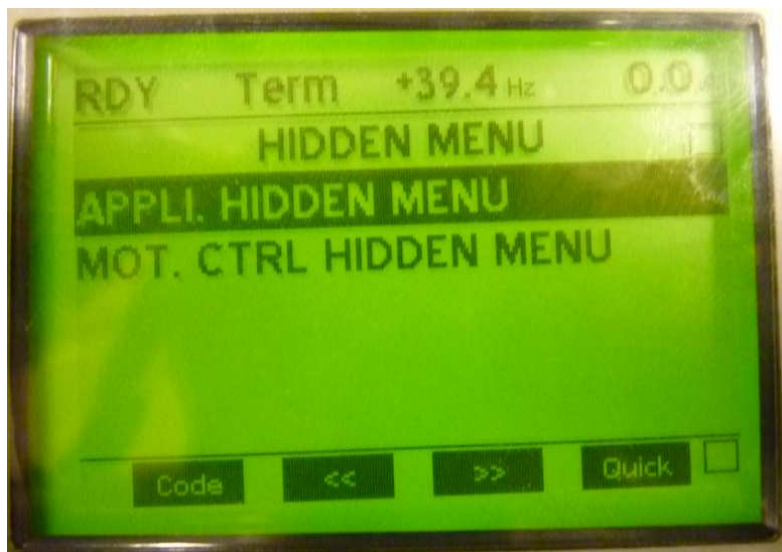
Select "Full" Menu.



Then you will see the "Hidden Menu"



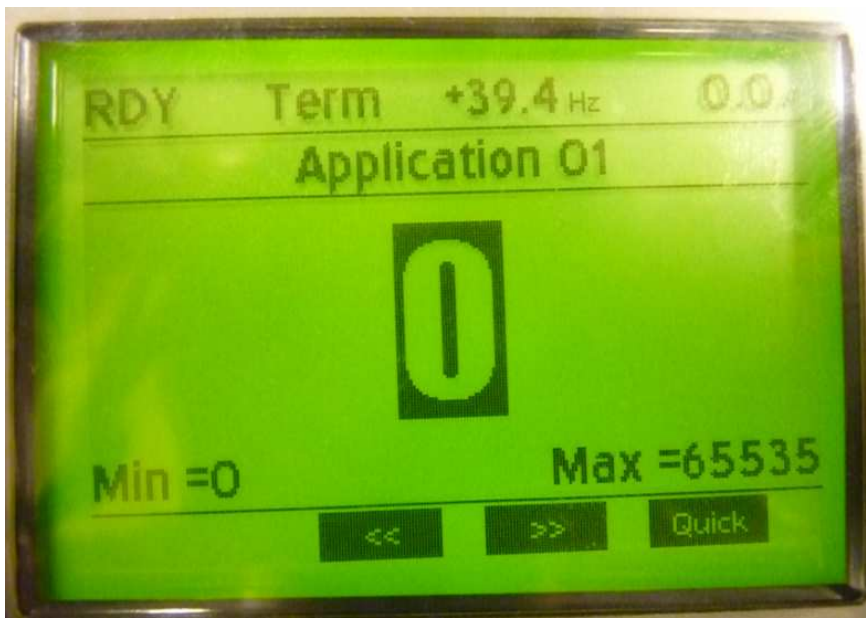
Choose The "Appli.Hidden Menu".



After that you will be able to see the word **AP01** (Application 01).

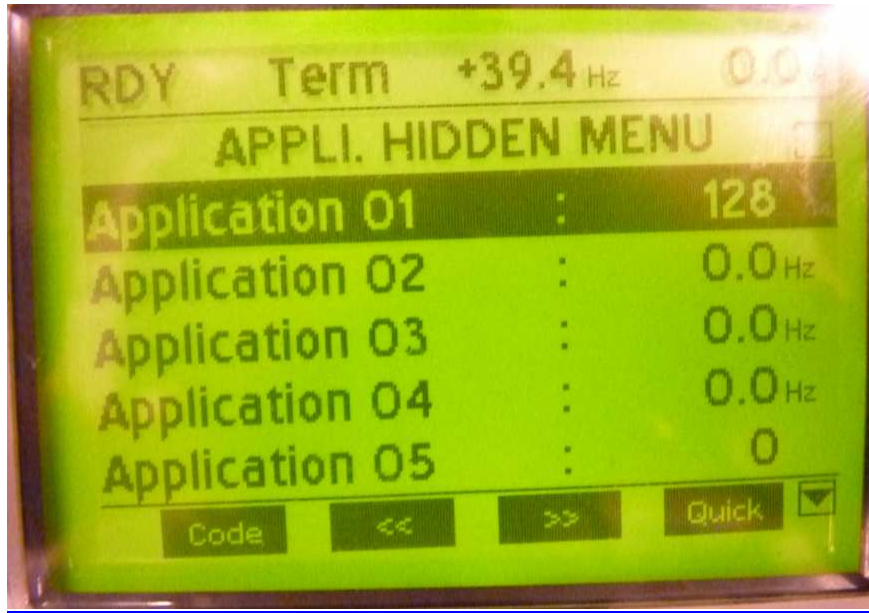


Then activate the bit 7 by adding 128 to the value found on this word.



**Example 1: (--- if I found that AP01=0 ---)**

On this case, I activate the bit 7 by setting the value 128 on this word.



**Example 2: (--- if I found that AP01=2 ---)**

On this case, I activate the AP01 bit 7 by adding 128 to the initial AP01 value. Means  $AP01=128+2$ .

So, the new value of AP01 will be 130.