analysis of SIKO\_AG03\_1\_20150311.eds

# Import Warnings

These warnings can be ignored because they notify that the default value is missing

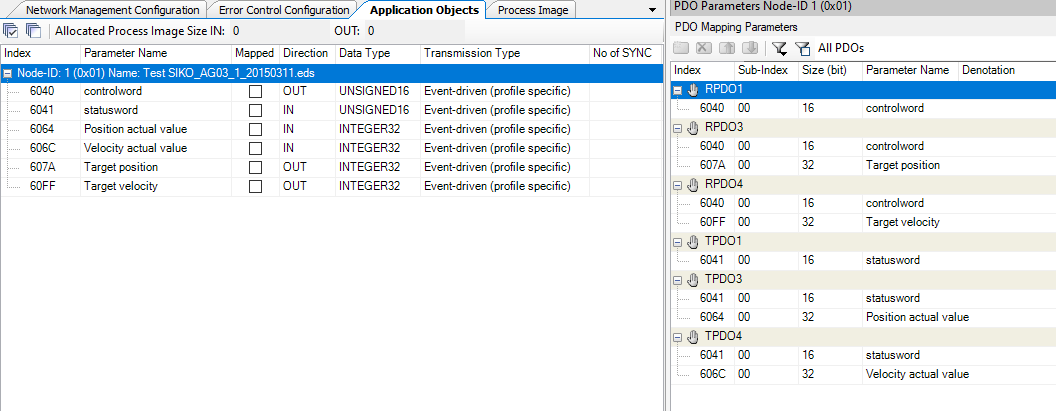
* missing entries of the PDO mapping
  + ignore it because these entries must not be provided due to the static mapping
* missing default values of index 1011h
  + these values are not relevant for the generated configuration

# PDO mapping

SIKO device does not support dynamic PDO mapping

* therefore the mapping is blocked that is indicated by  in front of the PDOs

SIKO device does not provide more mappable objects than displayed by the tab: Application Objects dynamic PDO mapping



# Overview of the object dictionary

The tab   
 Device Parameters Node-ID xx   
gives an overview about the object dictionary of the device .

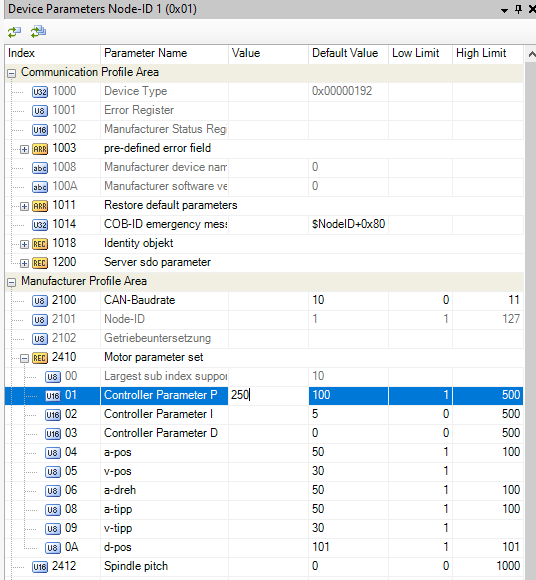
This overview does not contain the objects that are configured by the tabs

* Network Management Configuration
* Error Control Configuration
  + Heartbeat / Guarding, Heartbeat Consuming
* Application Objects
  + Communication / Mapping parameters of the PDOs
  + Sync cycle time, sync producer

**Note:**

* These objects can be accessed by SDO commands of the PLC
  + greyed objects are read only
  + black objects can be written

**Note:**

* Values that must be only set once after power on / reset of the device
  + can be configured in the tab: Device Parameters Node-ID xx
  + and they will be added to the automatic configuration of the device by the CM CANopen
  + e.g: index 2410 Motor parameter set  
     subindex 01 Controller Parameter P  
    example value: 250  
      
    

**Hint: Configuration of the CAN Baudrate / CANopen node id**

* the configuration of the CAN baudrate or the CANopen node id by an object entry requires
  + Restore Configuration is set to 2   
     to avoid that the stored CAN baudrate / CANopen node id is reset to default when the slave is booted by the CANopen manager  
     the slave will be booted by the CANopen manager   
     after power on / error control events of the slave / reset
  + see tab Network Management Configuration
* the configuration of the CAN baudrate or the CANopen node id by an object requires additional actions:
  + either CAN baudrate or the CANopen node are configured by another tool  
     before the device is connected to the CANopen network
  + or (much more difficult) by the PLC application

# Result

It must be clarified if the EDS is correct

* if the PDO mapping is really static and cannot be changed

Contact the manufacturer of the device