

# CANopen device documentation

dm\_slave

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|--------------|--------------------|
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#### Manufacturer Specific Parameters

0x2000 - Motor ver parameter  
0x2001 - Driver parameter  
0x2002 - Motor parameter  
0x2003 - Communication parameter  
0x2004 - Current control parameter  
0x2005 - Speed control parameter  
0x2006 - Position control parameter  
0x2008 - IIT over current detection  
0x2009 - Voltage detection  
0x200A - temperature detection  
0x200B - Driver

#### Device Profile Specific Parameters

0x603F - Error code  
0x6040 - Controlword  
0x6041 - Statusword  
0x605A - Quick stop option code  
0x6060 - Modes of operation  
0x6061 - Modes of operation display  
0x6062 - Position demand value  
0x6064 - Position actual value  
0x6065 - Following error window  
0x6067 - Position window  
0x6068 - Position window time

0x606B - Velocity demand value  
 0x606C - Velocity actual value  
 0x606D - Velocity window  
 0x606E - Velocity window time  
 0x606F - Velocity threshold  
 0x6071 - Target Torque  
 0x6072 - Max Torque  
 0x6077 - Torque Actual Value  
 0x6078 - Current actual value  
 0x607A - Target position  
 0x607E - Polarity  
 0x6080 - Max motor speed  
 0x6083 - Profile acceleration  
 0x6084 - Profile deceleration  
 0x6085 - Quick stop deceleration  
 0x6086 - Motion profile type  
 0x6087 - Torque Slope  
 0x60C5 - Max acceleration  
 0x60C6 - Max deceleration  
 0x60F4 - Following error actual value  
 0x60FF - Target velocity

## # Device Information

| Vendor Name  |          |
|--------------|----------|
| Vendor ID    |          |
| Product Name | dm_slave |
| Product ID   |          |
| Granularity  | 8        |
| RPDO count   | 4        |
| TPDO count   | 4        |
| LSS Slave    | False    |
| LSS Master   | False    |
| NG Slave     | False    |
| NG Master    | False    |

## Supported Baud rates

- ☒ 10 kBit/s
- ☒ 20 kBit/s
- ☒ 50 kBit/s
- ☒ 125 kBit/s
- ☒ 250 kBit/s
- ☒ 500 kBit/s
- ☒ 800 kBit/s
- ☒ 1000 kBit/s
- ☐ auto

## # PDO Mapping

### RPDO 0x1400

| COB_ID       | \$NODEID+0x200     |
|--------------|--------------------|
| Transmission | type=254           |
| 0x60400010   | Controlword        |
| 0x60600008   | Modes of operation |
| 0x60710010   | Target Torque      |

### RPDO 0x1401

| COB_ID       | \$NODEID+0x300  |
|--------------|-----------------|
| Transmission | type=254        |
| 0x60FF0020   | Target velocity |
| 0x607A0020   | Target position |

### TPDO 0x1800

| COB_ID | \$NODEID+0xC0000180 |
|--------|---------------------|

| Transmission | type=255; inhibit-time=1; event-timer=0 |
|--------------|---|
| 0x60410010   | Statusword                              |
| 0x60610008   | Modes of operation display              |
| 0x60770010   | Torque Actual Value                     |

## TPDO 0x1801

| COB_ID       | \$NODEID+0xC0000280                     |
|--------------|---|
| Transmission | type=255; inhibit-time=1; event-timer=0 |
| 0x606C0020   | Velocity actual value                   |
| 0x60640020   | Position actual value                   |

## # Communication Specific Parameters

### 0x1000 - Device type

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | PERSIST_COMM  |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | ro  | no  | no   | 0x30000       |

### 0x1001 - Error register

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| UNSIGNED8 | ro  | tr  | no   | 0x00          |

### 0x1003 - Pre-defined error field

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| ARRAY       |             | RAM           |

| Sub  | Name                 | Data Type  | SDO | PDO | SRDO | Default Value |
|------|----------------------|------------|-----|-----|------|---------------|
| 0x00 | Number of errors     | UNSIGNED8  | rw  | no  | no   |               |
| 0x01 | Standard error field | UNSIGNED32 | ro  | no  | no   |               |
| 0x02 | Standard error field | UNSIGNED32 | ro  | no  | no   |               |
| 0x03 | Standard error field | UNSIGNED32 | ro  | no  | no   |               |
| 0x04 | Standard error field | UNSIGNED32 | ro  | no  | no   |               |
| 0x05 | Standard error field | UNSIGNED32 | ro  | no  | no   |               |
| 0x06 | Standard error field | UNSIGNED32 | ro  | no  | no   |               |
| 0x07 | Standard error field | UNSIGNED32 | ro  | no  | no   |               |
| 0x08 | Standard error field | UNSIGNED32 | ro  | no  | no   |               |
| 0x09 | Standard error field | UNSIGNED32 | ro  | no  | no   |               |
| 0x0A | Standard error field | UNSIGNED32 | ro  | no  | no   |               |

### 0x1005 - COB-ID SYNC message

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | PERSIST_COMM  |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | no  | no   | 0x00000080    |

### 0x1006 - Communication cycle period

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | PERSIST_COMM  |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | no  | no   | 0             |

### 0x1007 - Synchronous window length

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | PERSIST_COMM  |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | no  | no   | 0             |

## 0x1008 - Manufacturer device name

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | PERSIST_COMM  |

| Data Type      | SDO | PDO | SRDO | Default Value |
|----------------|-----|-----|------|---------------|
| VISIBLE_STRING | ro  | no  | no   |               |

## 0x1009 - Manufacturer hardware version

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | PERSIST_COMM  |

| Data Type      | SDO | PDO | SRDO | Default Value |
|----------------|-----|-----|------|---------------|
| VISIBLE_STRING | ro  | no  | no   |               |

## 0x100A - Manufacturer software version

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | PERSIST_COMM  |

| Data Type      | SDO | PDO | SRDO | Default Value |
|----------------|-----|-----|------|---------------|
| VISIBLE_STRING | ro  | no  | no   |               |

## 0x100C - Guard time

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | PERSIST_COMM  |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED16 | rw  | no  | no   | 0             |

## 0x100D - Life time factor

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | PERSIST_COMM  |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| UNSIGNED8 | rw  | no  | no   | 0             |

## 0x1010 - Store parameters

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| ARRAY       |             | RAM           |

| Sub  | Name                                 | Data Type  | SDO | PDO | SRDO | Default Value |
|------|--------------------------------------|------------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported          | UNSIGNED8  | ro  | no  | no   | 0x04          |
| 0x01 | Save all parameters                  | UNSIGNED32 | rw  | no  | no   | 0x00000001    |
| 0x02 | Save communication parameters        | UNSIGNED32 | rw  | no  | no   | 0x00000001    |
| 0x03 | Save application parameters          | UNSIGNED32 | rw  | no  | no   | 0x00000001    |
| 0x04 | Save manufacturer defined parameters | UNSIGNED32 | rw  | no  | no   | 0x00000001    |

## 0x1011 - Restore default parameters

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| ARRAY       |             | RAM           |

| Sub  | Name  | Data Type  | SDO | PDO | SRDO | Default Value |
|------|---|------------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported                     | UNSIGNED8  | ro  | no  | no   | 0x04          |
| 0x01 | Restore all default parameters                  | UNSIGNED32 | rw  | no  | no   | 0x00000001    |
| 0x02 | Restore communication default parameters        | UNSIGNED32 | rw  | no  | no   | 0x00000001    |
| 0x03 | Restore application default parameters          | UNSIGNED32 | rw  | no  | no   | 0x00000001    |
| 0x04 | Restore manufacturer defined default parameters | UNSIGNED32 | rw  | no  | no   | 0x00000001    |

## 0x1012 - COB-ID time stamp object

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | PERSIST_COMM  |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | no  | no   | 0x00000100    |

## 0x1014 - COB-ID EMCY

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | PERSIST_COMM  |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | no  | no   | \$NODEID+0x80 |



## 0x1015 - Inhibit time EMCY

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | PERSIST_COMM  |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED16 | rw  | no  | no   | 0             |

## 0x1016 - Consumer heartbeat time

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| ARRAY       |             | PERSIST_COMM  |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value |
|------|-----------------------------|------------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x04          |
| 0x01 | Consumer heartbeat time     | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x02 | Consumer heartbeat time     | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x03 | Consumer heartbeat time     | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x04 | Consumer heartbeat time     | UNSIGNED32 | rw  | no  | no   | 0x00000000    |

## 0x1017 - Producer heartbeat time

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | PERSIST_COMM  |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED16 | rw  | no  | no   | 5000          |

## 0x1018 - Identity

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value |
|------|-----------------------------|------------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x04          |
| 0x01 | Vendor-ID                   | UNSIGNED32 | ro  | no  | no   | 0x00000000    |
| 0x02 | Product code                | UNSIGNED32 | ro  | no  | no   | 0x00000000    |
| 0x03 | Revision number             | UNSIGNED32 | ro  | no  | no   | 0x00000000    |

| Sub  | Name          | Data Type  | SDO | PDO | SRDO | Default Value |
|------|---------------|------------|-----|-----|------|---------------|
| 0x04 | Serial number | UNSIGNED32 | ro  | no  | no   | 0x00000000    |

## 0x1019 - Synchronous counter overflow value

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | PERSIST_COMM  |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| UNSIGNED8 | rw  | no  | no   | 240           |

## 0x1029 - Error behavior object

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| ARRAY       |             | PERSIST_COMM  |

| Sub  | Name                                    | Data Type | SDO | PDO | SRDO | Default Value |
|------|---|-----------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported             | UNSIGNED8 | ro  | no  | no   | 0x02          |
| 0x01 | Communication error                     | UNSIGNED8 | rw  | no  | no   | 0x01          |
| 0x02 | Profile- or manufacturer-specific error | UNSIGNED8 | rw  | no  | no   | 0x01          |

## 0x1200 - SDO server parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | RAM           |

| Sub  | Name                         | Data Type  | SDO | PDO | SRDO | Default Value  |
|------|------------------------------|------------|-----|-----|------|----------------|
| 0x00 | Highest sub-index supported  | UNSIGNED8  | ro  | no  | no   | 2              |
| 0x01 | COB-ID client to server (rx) | UNSIGNED32 | ro  | tr  | no   | \$NODEID+0x600 |
| 0x02 | COB-ID server to client (tx) | UNSIGNED32 | ro  | tr  | no   | \$NODEID+0x580 |

## 0x1280 - SDO client parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name                         | Data Type  | SDO | PDO | SRDO | Default Value |
|------|------------------------------|------------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported  | UNSIGNED8  | ro  | no  | no   | 0x03          |
| 0x01 | COB-ID client to server (tx) | UNSIGNED32 | rw  | tr  | no   | 0x80000000    |

| Sub  | Name                         | Data Type  | SDO | PDO | SRDO | Default Value |
|------|------------------------------|------------|-----|-----|------|---------------|
| 0x02 | COB-ID server to client (rx) | UNSIGNED32 | rw  | tr  | no   | 0x80000000    |
| 0x03 | Node-ID of the SDO server    | UNSIGNED8  | rw  | no  | no   | 0x01          |

### 0x1400 - RPDO communication parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value  |
|------|-----------------------------|------------|-----|-----|------|----------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x05           |
| 0x01 | COB-ID used by RPDO         | UNSIGNED32 | rw  | no  | no   | \$NODEID+0x200 |
| 0x02 | Transmission type           | UNSIGNED8  | rw  | no  | no   | 254            |
| 0x05 | Event timer                 | UNSIGNED16 | rw  | no  | no   | 0              |

### 0x1401 - RPDO communication parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value  |
|------|-----------------------------|------------|-----|-----|------|----------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x05           |
| 0x01 | COB-ID used by RPDO         | UNSIGNED32 | rw  | no  | no   | \$NODEID+0x300 |
| 0x02 | Transmission type           | UNSIGNED8  | rw  | no  | no   | 254            |
| 0x05 | Event timer                 | UNSIGNED16 | rw  | no  | no   | 0              |

### 0x1402 - RPDO communication parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value       |
|------|-----------------------------|------------|-----|-----|------|---------------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x05                |
| 0x01 | COB-ID used by RPDO         | UNSIGNED32 | rw  | no  | no   | \$NODEID+0x80000400 |
| 0x02 | Transmission type           | UNSIGNED8  | rw  | no  | no   | 254                 |
| 0x05 | Event timer                 | UNSIGNED16 | rw  | no  | no   | 0                   |

## 0x1403 - RPDO communication parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value       |
|------|-----------------------------|------------|-----|-----|------|---------------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x05                |
| 0x01 | COB-ID used by RPDO         | UNSIGNED32 | rw  | no  | no   | \$NODEID+0x80000500 |
| 0x02 | Transmission type           | UNSIGNED8  | rw  | no  | no   | 254                 |
| 0x05 | Event timer                 | UNSIGNED16 | rw  | no  | no   | 0                   |

## 0x1600 - RPDO mapping parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name  | Data Type  | SDO | PDO | SRDO | Default Value |
|------|---|------------|-----|-----|------|---------------|
| 0x00 | Number of mapped application objects in PDO | UNSIGNED8  | rw  | no  | no   | 3             |
| 0x01 | Application object 1                        | UNSIGNED32 | rw  | no  | no   | 0x60400010    |
| 0x02 | Application object 2                        | UNSIGNED32 | rw  | no  | no   | 0x60600008    |
| 0x03 | Application object 3                        | UNSIGNED32 | rw  | no  | no   | 0x60710010    |
| 0x04 | Application object 4                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x05 | Application object 5                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x06 | Application object 6                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x07 | Application object 7                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x08 | Application object 8                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |

## 0x1601 - RPDO mapping parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name  | Data Type  | SDO | PDO | SRDO | Default Value |
|------|---|------------|-----|-----|------|---------------|
| 0x00 | Number of mapped application objects in PDO | UNSIGNED8  | rw  | no  | no   | 2             |
| 0x01 | Application object 1                        | UNSIGNED32 | rw  | no  | no   | 0x60FF0020    |
| 0x02 | Application object 2                        | UNSIGNED32 | rw  | no  | no   | 0x607A0020    |
| 0x03 | Application object 3                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x04 | Application object 4                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |

| Sub  | Name                 | Data Type  | SDO | PDO | SRDO | Default Value |
|------|----------------------|------------|-----|-----|------|---------------|
| 0x05 | Application object 5 | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x06 | Application object 6 | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x07 | Application object 7 | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x08 | Application object 8 | UNSIGNED32 | rw  | no  | no   | 0x00000000    |

## 0x1602 - RPDO mapping parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name  | Data Type  | SDO | PDO | SRDO | Default Value |
|------|---|------------|-----|-----|------|---------------|
| 0x00 | Number of mapped application objects in PDO | UNSIGNED8  | rw  | no  | no   | 0             |
| 0x01 | Application object 1                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x02 | Application object 2                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x03 | Application object 3                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x04 | Application object 4                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x05 | Application object 5                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x06 | Application object 6                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x07 | Application object 7                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x08 | Application object 8                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |

## 0x1603 - RPDO mapping parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name  | Data Type  | SDO | PDO | SRDO | Default Value |
|------|---|------------|-----|-----|------|---------------|
| 0x00 | Number of mapped application objects in PDO | UNSIGNED8  | rw  | no  | no   | 0             |
| 0x01 | Application object 1                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x02 | Application object 2                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x03 | Application object 3                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x04 | Application object 4                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x05 | Application object 5                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x06 | Application object 6                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x07 | Application object 7                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x08 | Application object 8                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |

## 0x1800 - TPDO communication parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value       |
|------|-----------------------------|------------|-----|-----|------|---------------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x06                |
| 0x01 | COB-ID used by TPDO         | UNSIGNED32 | rw  | no  | no   | \$NODEID+0xC0000180 |
| 0x02 | Transmission type           | UNSIGNED8  | rw  | no  | no   | 255                 |
| 0x03 | Inhibit time                | UNSIGNED16 | rw  | no  | no   | 1                   |
| 0x05 | Event timer                 | UNSIGNED16 | rw  | no  | no   | 0                   |
| 0x06 | SYNC start value            | UNSIGNED8  | rw  | no  | no   | 0                   |

## 0x1801 - TPDO communication parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value       |
|------|-----------------------------|------------|-----|-----|------|---------------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x06                |
| 0x01 | COB-ID used by TPDO         | UNSIGNED32 | rw  | no  | no   | \$NODEID+0xC0000280 |
| 0x02 | Transmission type           | UNSIGNED8  | rw  | no  | no   | 255                 |
| 0x03 | Inhibit time                | UNSIGNED16 | rw  | no  | no   | 1                   |
| 0x05 | Event timer                 | UNSIGNED16 | rw  | no  | no   | 0                   |
| 0x06 | SYNC start value            | UNSIGNED8  | rw  | no  | no   | 0                   |

## 0x1802 - TPDO communication parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value       |
|------|-----------------------------|------------|-----|-----|------|---------------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x06                |
| 0x01 | COB-ID used by TPDO         | UNSIGNED32 | rw  | no  | no   | \$NODEID+0xC0000380 |
| 0x02 | Transmission type           | UNSIGNED8  | rw  | no  | no   | 255                 |
| 0x03 | Inhibit time                | UNSIGNED16 | rw  | no  | no   | 0                   |
| 0x05 | Event timer                 | UNSIGNED16 | rw  | no  | no   | 0                   |
| 0x06 | SYNC start value            | UNSIGNED8  | rw  | no  | no   | 0                   |

## 0x1803 - TPDO communication parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value       |
|------|-----------------------------|------------|-----|-----|------|---------------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x06                |
| 0x01 | COB-ID used by TPDO         | UNSIGNED32 | rw  | no  | no   | \$NODEID+0xC0000480 |
| 0x02 | Transmission type           | UNSIGNED8  | rw  | no  | no   | 255                 |
| 0x03 | Inhibit time                | UNSIGNED16 | rw  | no  | no   | 0                   |
| 0x05 | Event timer                 | UNSIGNED16 | rw  | no  | no   | 0                   |
| 0x06 | SYNC start value            | UNSIGNED8  | rw  | no  | no   | 0                   |

## 0x1A00 - TPDO mapping parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name  | Data Type  | SDO | PDO | SRDO | Default Value |
|------|---|------------|-----|-----|------|---------------|
| 0x00 | Number of mapped application objects in PDO | UNSIGNED8  | rw  | no  | no   | 3             |
| 0x01 | Application object 1                        | UNSIGNED32 | rw  | no  | no   | 0x60410010    |
| 0x02 | Application object 2                        | UNSIGNED32 | rw  | no  | no   | 0x60610008    |
| 0x03 | Application object 3                        | UNSIGNED32 | rw  | no  | no   | 0x60770010    |
| 0x04 | Application object 4                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x05 | Application object 5                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x06 | Application object 6                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x07 | Application object 7                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x08 | Application object 8                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |

## 0x1A01 - TPDO mapping parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name  | Data Type  | SDO | PDO | SRDO | Default Value |
|------|---|------------|-----|-----|------|---------------|
| 0x00 | Number of mapped application objects in PDO | UNSIGNED8  | rw  | no  | no   | 2             |
| 0x01 | Application object 1                        | UNSIGNED32 | rw  | no  | no   | 0x606C0020    |
| 0x02 | Application object 2                        | UNSIGNED32 | rw  | no  | no   | 0x60640020    |
| 0x03 | Application object 3                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |

| Sub  | Name                 | Data Type  | SDO | PDO | SRDO | Default Value |
|------|----------------------|------------|-----|-----|------|---------------|
| 0x04 | Application object 4 | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x05 | Application object 5 | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x06 | Application object 6 | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x07 | Application object 7 | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x08 | Application object 8 | UNSIGNED32 | rw  | no  | no   | 0x00000000    |

## 0x1A02 - TPDO mapping parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name  | Data Type  | SDO | PDO | SRDO | Default Value |
|------|---|------------|-----|-----|------|---------------|
| 0x00 | Number of mapped application objects in PDO | UNSIGNED8  | rw  | no  | no   | 0             |
| 0x01 | Application object 1                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x02 | Application object 2                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x03 | Application object 3                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x04 | Application object 4                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x05 | Application object 5                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x06 | Application object 6                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x07 | Application object 7                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x08 | Application object 8                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |

## 0x1A03 - TPDO mapping parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | PERSIST_COMM  |

| Sub  | Name  | Data Type  | SDO | PDO | SRDO | Default Value |
|------|---|------------|-----|-----|------|---------------|
| 0x00 | Number of mapped application objects in PDO | UNSIGNED8  | rw  | no  | no   | 0             |
| 0x01 | Application object 1                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x02 | Application object 2                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x03 | Application object 3                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x04 | Application object 4                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x05 | Application object 5                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x06 | Application object 6                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x07 | Application object 7                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |
| 0x08 | Application object 8                        | UNSIGNED32 | rw  | no  | no   | 0x00000000    |



## # Manufacturer Specific Parameters

### 0x2000 - Motor ver parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | RAM           |

| Sub  | Name                        | Data Type      | SDO | PDO | SRDO | Default Value |
|------|-----------------------------|----------------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported | UNSIGNED8      | ro  | no  | no   | 0x04          |
| 0x01 | Motor model                 | VISIBLE_STRING | ro  | no  | no   | DM4310        |
| 0x02 | Encoder ver                 | VISIBLE_STRING | ro  | no  | no   | MA702         |
| 0x03 | motor ver                   | UNSIGNED16     | ro  | no  | no   | 11            |
| 0x04 | motor type                  | VISIBLE_STRING | ro  | no  | no   | Joint/Motor   |

### 0x2001 - Driver parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | RAM           |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value |
|------|-----------------------------|------------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x04          |
| 0x01 | Software ver                | UNSIGNED16 | ro  | no  | no   | 3173          |
| 0x02 | Hardware ver                | UNSIGNED8  | ro  | no  | no   | 3             |
| 0x03 | Voltage max                 | UNSIGNED8  | ro  | no  | no   | 30            |
| 0x04 | Current max                 | UNSIGNED8  | ro  | no  | no   | 10            |

### 0x2002 - Motor parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | RAM           |

| Sub  | Name                        | Data Type | SDO | PDO | SRDO | Default Value |
|------|-----------------------------|-----------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported | UNSIGNED8 | ro  | no  | no   | 0x0E          |
| 0x01 | Rated voltage               | UNSIGNED8 | ro  | no  | no   | 24            |
| 0x02 | Rated current               | UNSIGNED8 | ro  | no  | no   | 7             |
| 0x03 | Rated torque                | UNSIGNED8 | ro  | no  | no   | 3             |
| 0x04 | Rated speed                 | UNSIGNED8 | ro  | no  | no   | 120           |

| Sub  | Name | Data Type  | SDO | PDO | SRDO | Default Value |
|------|------|------------|-----|-----|------|---------------|
| 0x05 | KE   | UNSIGNED32 | ro  | no  | no   | 0             |
| 0x06 | KT   | UNSIGNED32 | ro  | no  | no   | 0             |
| 0x07 | KV   | UNSIGNED32 | ro  | no  | no   | 0             |
| 0x08 | Rs   | UNSIGNED32 | rw  | no  | no   | 0x3F59999A    |
| 0x09 | Ls   | UNSIGNED32 | rw  | no  | no   | 0x39B4E11E    |
| 0x0A | Flux | UNSIGNED32 | rw  | no  | no   | 0x3B9374BC    |
| 0x0B | Pa.s | UNSIGNED32 | rw  | no  | no   | 0             |
| 0x0C | Jx   | UNSIGNED32 | rw  | no  | no   | 0x3796FEB5    |
| 0x0D | Pn   | UNSIGNED8  | rw  | no  | no   | 14            |
| 0x0E | Gr   | UNSIGNED8  | ro  | no  | no   | 10            |

### 0x2003 - Communication parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | RAM           |

| Sub  | Name                        | Data Type | SDO | PDO | SRDO | Default Value |
|------|-----------------------------|-----------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported | UNSIGNED8 | ro  | no  | no   | 0x04          |
| 0x01 | CAN Node-ID                 | UNSIGNED8 | rw  | no  | no   | 1             |
| 0x02 | CAN communication speed     | UNSIGNED8 | rw  | no  | no   | 8             |
| 0x03 | CANopen sync error          | UNSIGNED8 | rw  | no  | no   | 0             |
| 0x04 | CAN res                     | UNSIGNED8 | rw  | no  | no   | 0             |

### 0x2004 - Current control parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | RAM           |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value |
|------|-----------------------------|------------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x03          |
| 0x01 | KP                          | UNSIGNED32 | rw  | no  | no   | 0x3F4CCCCD    |
| 0x02 | KI                          | UNSIGNED32 | rw  | no  | no   | 0x3A83126F    |
| 0x03 | Bandwidth                   | UNSIGNED32 | rw  | no  | no   | 0x447A0000    |

## 0x2005 - Speed control parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | RAM           |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value |
|------|-----------------------------|------------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x03          |
| 0x01 | KP                          | UNSIGNED32 | rw  | no  | no   | 0x3B78D8EB    |
| 0x02 | KI                          | UNSIGNED32 | rw  | no  | no   | 0x3D20D97C    |
| 0x03 | Damping factor              | UNSIGNED32 | rw  | no  | no   | 0x40800000    |

## 0x2006 - Position control parameter

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | RAM           |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value |
|------|-----------------------------|------------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x02          |
| 0x01 | KP                          | UNSIGNED32 | rw  | no  | no   | 0x42580000    |
| 0x02 | KI                          | UNSIGNED32 | rw  | no  | no   | 0             |

## 0x2008 - IIT over current detection

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | RAM           |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value |
|------|-----------------------------|------------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x02          |
| 0x01 | Over current threshold      | UNSIGNED32 | rw  | no  | no   | 0x3F4CCCCD    |
| 0x02 | Over current count          | UNSIGNED32 | rw  | no  | no   | 0             |

## 0x2009 - Voltage detection

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | RAM           |

| Sub  | Name                        | Data Type | SDO | PDO | SRDO | Default Value |
|------|-----------------------------|-----------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported | UNSIGNED8 | ro  | no  | no   | 0x02          |
| 0x01 | over voltage                | UNSIGNED8 | rw  | no  | no   | 32            |

| Sub  | Name          | Data Type | SDO | PDO | SRDO | Default Value |
|------|---------------|-----------|-----|-----|------|---------------|
| 0x02 | under voltage | UNSIGNED8 | rw  | no  | no   | 15            |

## 0x200A - temperature detection

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | RAM           |

| Sub  | Name                        | Data Type  | SDO | PDO | SRDO | Default Value |
|------|-----------------------------|------------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported | UNSIGNED8  | ro  | no  | no   | 0x04          |
| 0x01 | Mos temperature             | UNSIGNED32 | rw  | no  | no   | 0             |
| 0x02 | Motor temperature           | UNSIGNED32 | rw  | no  | no   | 0             |
| 0x03 | Mos temperature limit       | UNSIGNED32 | rw  | no  | no   | 0x42C80000    |
| 0x04 | Motor temperature limit     | UNSIGNED32 | rw  | no  | no   | 0x42C80000    |

## 0x200B - Driver

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| RECORD      |             | RAM           |

| Sub  | Name                        | Data Type | SDO | PDO | SRDO | Default Value |
|------|-----------------------------|-----------|-----|-----|------|---------------|
| 0x00 | Highest sub-index supported | UNSIGNED8 | ro  | no  | no   | 0x02          |
| 0x01 | Clear fault                 | UNSIGNED8 | rw  | no  | no   | 0             |
| 0x02 | Save zero                   | UNSIGNED8 | rw  | no  | no   | 0             |

## # Device Profile Specific Parameters

### 0x603F - Error code

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED16 | ro  | tr  | no   | 0             |

## 0x6040 - Controlword

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED16 | rw  | r   | no   | 0             |

## 0x6041 - Statusword

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED16 | ro  | tr  | no   | 0             |

## 0x605A - Quick stop option code

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| INTEGER16 | rw  | no  | no   | 2             |

## 0x6060 - Modes of operation

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| INTEGER8  | rw  | r   | no   | 0             |

## 0x6061 - Modes of operation display

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| INTEGER8  | ro  | tr  | no   | 0             |

## 0x6062 - Position demand value

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| INTEGER32 | ro  | tr  | no   | 0             |

## 0x6064 - Position actual value

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| INTEGER32 | ro  | tr  | no   | 0             |

## 0x6065 - Following error window

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | r   | no   | 0x3F000000    |

## 0x6067 - Position window

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | r   | no   | 0x3DCCCCCD    |

## 0x6068 - Position window time

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED16 | rw  | r   | no   | 0x3E4C        |

## 0x606B - Velocity demand value

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| INTEGER32 | ro  | tr  | no   | 0             |

## 0x606C - Velocity actual value

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| INTEGER32 | ro  | tr  | no   | 0             |

## 0x606D - Velocity window

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED16 | rw  | r   | no   | 0x3F00        |

## 0x606E - Velocity window time

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED16 | rw  | r   | no   | 0x3DCC        |

## 0x606F - Velocity threshold

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED16 | rw  | r   | no   | 0x3C23        |

## 0x6071 - Target Torque

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| INTEGER16 | rw  | r   | no   | 0x0000        |

## 0x6072 - Max Torque

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED16 | rw  | r   | no   | 0x410B        |

## 0x6077 - Torque Actual Value

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| INTEGER16 | ro  | tr  | no   | 0             |

## 0x6078 - Current actual value

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | no  | no   | 0             |

## 0x607A - Target position

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| INTEGER32 | rw  | r   | no   | 0x00000000    |



## 0x607E - Polarity

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| UNSIGNED8 | rw  | r   | no   | 1             |

## 0x6080 - Max motor speed

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | no  | no   | 0x44160000    |

## 0x6083 - Profile acceleration

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | r   | no   | 0x44FA0000    |

## 0x6084 - Profile deceleration

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | r   | no   | 0x44FA0000    |

## 0x6085 - Quick stop deceleration

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | r   | no   | 0x461C4000    |

## 0x6086 - Motion profile type

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| INTEGER16 | rw  | tr  | no   | 0             |

## 0x6087 - Torque Slope

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | r   | no   | 0x3F800000    |

## 0x60C5 - Max acceleration

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | r   | no   | 0x461C4000    |

## 0x60C6 - Max deceleration

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type  | SDO | PDO | SRDO | Default Value |
|------------|-----|-----|------|---------------|
| UNSIGNED32 | rw  | r   | no   | 0x461C4000    |

## 0x60F4 - Following error actual value

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| INTEGER32 | ro  | tr  | no   | 0             |

## 0x60FF - Target velocity

| Object Type | Count Label | Storage Group |
|-------------|-------------|---------------|
| VAR         |             | RAM           |

| Data Type | SDO | PDO | SRDO | Default Value |
|-----------|-----|-----|------|---------------|
| INTEGER32 | rw  | r   | no   | 0x000000000   |