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| Info | 4 |

Process Data (PDO)

x Process Data

- ProcessData

Configurator

Scan Download Upload Save Load Close

Topology Net Info Slave Info **ProcessData**

[0200h] MASTER-DC
 [0005h] MADHT1505BA1
 [0006h] MADHT1505BA1
 [0007h] Ezi-SERVO2 EtherCAT
 [0008h] Ezi-SERVO2 EtherCAT
 [0001h] MADHT1505BA1
 [0002h] MADHT1505BA1

SyncManager

| SM | Size | Type |
|----|------|---------|
| 0 | 256 | MBoxOut |
| 1 | 256 | MBoxIn |
| 2 | 19 | Outputs |
| 3 | 25 | Inputs |

PDO List

| Index | Size | Name | SM |
|--------|------|------------------------|----|
| 0x1600 | 9 | Receive PDO mapping 1 | |
| 0x1601 | 19 | Receive PDO mapping 2 | 2 |
| 0x1602 | 15 | Receive PDO mapping 3 | |
| 0x1603 | 21 | Receive PDO mapping 4 | |
| 0x1A00 | 23 | Transmit PDO mapping 1 | |
| 0x1A01 | 25 | Transmit PDO mapping 2 | 3 |
| 0x1A02 | 25 | Transmit PDO mapping 3 | |

PDO Assignment

| Index | Size | Type |
|-------------------------------------|--------|------|
| <input type="checkbox"/> | 0x1600 | |
| <input checked="" type="checkbox"/> | 0x1601 | |
| <input type="checkbox"/> | 0x1602 | |
| <input type="checkbox"/> | 0x1603 | |

PDO Content (0x1A00)

| Index | Size | Name | Type |
|-----------|------|----------------------|-------|
| 0x6040:00 | 2 | Controlword | UINT |
| 0x6060:00 | 1 | Modes of operation | SINT |
| 0x6071:00 | 2 | Target torque | INT |
| 0x607A:00 | 4 | Target position | DINT |
| 0x6080:00 | 4 | Max motor speed | UDINT |
| 0x60B8:00 | 2 | Touch probe function | UINT |

Index Addr

Apply AutoAddress To Servo Apply to the same product.

- SyncManager “MBoxOut”, “MBoxIn”
- SyncManager

1)

SyncManager

| SM | Size | Type |
|----|------|---------|
| 0 | 256 | MBoxOut |
| 1 | 256 | MBoxIn |
| 2 | 9 | Outputs |
| 3 | 25 | Inputs |

PDO List

| Index | Size | Name | SM |
|--------|------|------------------------|----|
| 0x1600 | 9 | Receive PDO mapping 1 | 2 |
| 0x1601 | 19 | Receive PDO mapping 2 | |
| 0x1602 | 15 | Receive PDO mapping 3 | |
| 0x1603 | 21 | Receive PDO mapping 4 | |
| 0x1A00 | 23 | Transmit PDO mapping 1 | |
| 0x1A01 | 25 | Transmit PDO mapping 2 | 3 |
| 0x1A02 | 25 | Transmit PDO mapping 3 | |
| 0x1A03 | 25 | Transmit PDO mapping 4 | |

PDO Assignment

| | |
|-------------------------------------|--------|
| <input checked="" type="checkbox"/> | 0x1600 |
| <input type="checkbox"/> | 0x1601 |
| <input type="checkbox"/> | 0x1602 |
| <input type="checkbox"/> | 0x1603 |

PDO Content (0x1A00)

| Index | Size | Name | Type |
|-----------|------|----------------------|------|
| 0x6040:00 | 2 | Controlword | UINT |
| 0x6060:00 | 1 | Modes of operation | SINT |
| 0x607A:00 | 4 | Target position | DINT |
| 0x60B8:00 | 2 | Touch probe function | UINT |

- “Outputs” ²⁾ (Process Data)
- , 4 PDO (RxPDO)가 0x1600 PDO가
 - 0x1600 PDO Content Controlword, Modes of operation, Target position, TouchProbe function
 - Torque , Torque
- PDO Assignment RxPDO

SyncManager

| SM | Size | Type |
|----|------|---------|
| 0 | 256 | MBoxOut |
| 1 | 256 | MBoxIn |
| 2 | 19 | Outputs |
| 3 | 23 | Inputs |

PDO List

| Index | Size | Name | SM |
|--------|------|------------------------|----|
| 0x1600 | 9 | Receive PDO mapping 1 | |
| 0x1601 | 19 | Receive PDO mapping 2 | 2 |
| 0x1602 | 15 | Receive PDO mapping 3 | |
| 0x1603 | 21 | Receive PDO mapping 4 | |
| 0x1A00 | 23 | Transmit PDO mapping 1 | 3 |
| 0x1A01 | 25 | Transmit PDO mapping 2 | |
| 0x1A02 | 25 | Transmit PDO mapping 3 | |
| 0x1A03 | 25 | Transmit PDO mapping 4 | |

PDO Assignment

| | |
|-------------------------------------|--------|
| <input type="checkbox"/> | 0x1600 |
| <input checked="" type="checkbox"/> | 0x1601 |
| <input type="checkbox"/> | 0x1602 |
| <input type="checkbox"/> | 0x1603 |

PDO Content (0x1A00)

| Index | Size | Name | Type |
|-----------|------|----------------------|-------|
| 0x6040:00 | 2 | Controlword | UINT |
| 0x6060:00 | 1 | Modes of operation | SINT |
| 0x6071:00 | 2 | Target torque | INT |
| 0x607A:00 | 4 | Target position | DINT |
| 0x6080:00 | 4 | Max motor speed | UDINT |
| 0x60B8:00 | 2 | Touch probe function | UINT |
| 0x60FF:00 | 4 | Target velocity | DINT |

- PDO 0x1601 , 0x1601 PDO Content 가
 - 0x1600 Target torque Max motor speed가 가
 - , Torque 가 가 .

SyncManager

| SM | Size | Type |
|----|------|---------|
| 0 | 256 | MBoxOut |
| 1 | 256 | MBoxIn |
| 2 | 9 | Outputs |
| 3 | 25 | Inputs |

PDO List

| Index | Size | Name | SM |
|--------|------|------------------------|----|
| 0x1600 | 9 | Receive PDO mapping 1 | 2 |
| 0x1601 | 19 | Receive PDO mapping 2 | |
| 0x1602 | 15 | Receive PDO mapping 3 | |
| 0x1603 | 21 | Receive PDO mapping 4 | |
| 0x1A00 | 23 | Transmit PDO mapping 1 | |
| 0x1A01 | 25 | Transmit PDO mapping 2 | 3 |
| 0x1A02 | 25 | Transmit PDO mapping 3 | |
| 0x1A03 | 25 | Transmit PDO mapping 4 | |

PDO Assignment

| | |
|-------------------------------------|--------|
| <input type="checkbox"/> | 0x1A00 |
| <input checked="" type="checkbox"/> | 0x1A01 |
| <input type="checkbox"/> | 0x1A02 |
| <input type="checkbox"/> | 0x1A03 |

PDO Content (0x1A00)

| Index | Size | Name | Type |
|-----------|------|----------------------------|------|
| 0x603F:00 | 2 | Error code | UINT |
| 0x6041:00 | 2 | Statusword | UINT |
| 0x6061:00 | 1 | Modes of operation display | SINT |
| 0x6064:00 | 4 | Position actual value | DINT |
| 0x606C:00 | 4 | Velocity actual value | DINT |
| 0x6077:00 | 2 | Torque actual value | INT |
| 0x60B9:00 | 2 | Touch probe status | UINT |

- “Inputs” ³⁾ (Process Data)
- , 4 PDO (TxPDO)가 0x1A01 PDO가
 - 0x1A01 PDO Content
 - , PDO Content Torque actual value torque
- PDO List 가 PDO List list , PDO Assignment
- “Apply to the same product” ⁴⁾

Info

- RxPDO TxPDO xml

1) , Data

2)

Data RxPDO

3)

Data TxPDO

4)

VendorID ProductCode가

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