ESI (EtherCAT Slave Information) File for Ezi-SERVOII EtherCAT

FASTECH

Product List supported by ESI file

❖ **File Name : FASTECH_Ezi-SERVO2_EtherCAT.xml**

DRIVE MODEL NAME	Vendor ID	Product Code
Ezi-SERVOII EtherCAT	0x0FA00000	0x1002
S-SERVO EtherCAT	0x0FA00000	0x1003
Ezi-SERVOII EtherCAT 86	0x0FA00000	0x1005
Ezi-SERVOII EtherCAT ALL	0x0FA00000	0x1007
Ezi-SERVOII EtherCAT ALL 86	0x0FA00000	0x1008
Ezi-STEPII EtherCAT	0x0FA00000	0x1012

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Differences per products

Article	Ezi-SERVOII EtherCAT	Ezi-STEPII EtherCAT
Difference of Object	Object supported compare to Ezi-STEPII EtherCAT • 0x6065 Following Error Window • 0x6067 Position Window • 0x2005 Encoder Resolution • 0x200D Position Control Gain • 0x200E In-Position Mode • 0x200D Encoder Filter Time • 0x2014 Homing Torque Ratio • 0x2016 Internal Load Ratio • 0x2031 Encoder Count Error	Object supported compare to Ezi-SERVOII EtherCAT • 0x2004 External Encoder
Position Actual value	0x6064 Position Actual Value=> Actual position value of Encoder	0x6064 Position Actual Value => Command position value of Motion Chip (Or that of external encoder by setting
Touch Probe	Touch Probe will capture the actual position of Encoder	Touch Probe will capture the command position

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Difference of ESI file (Ex : OMRON)

❖ **FASTECH_Ezi-SERVO2_EtherCAT - OMRON.xml**

- ▪ **This file is made to use for "SYSMAC" of OMRON R**
- ▪ **Reason :**
  - ▪ **In case of OMRON SYSMAC, if the objects of '0x6060 Mode of Operation', '0x6061 Mode of Operation Display' object are not in the PDO, SYSMAC it could not be identified as the "Axis" automatically.**
  - ▪ **If the user add the objects mentioned above into PDO, SYSMAC identifying Ezi-SERVOII EtherCAT as the "Axis" Automatically.**
  - ▪ **Therefore, we added these objects into PDO and so, SYSMAC could identify Ezi-SERVOII EtherCAT automatically as "Axis" without any change of PDO**
- ▪ **Point to be changed**
  - ▪ **Added the objects of '0x6060 Mode of Operation', '0x6061 Mode of Operation Display' and so on into the PDO basically.**

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