# AOI's for J4TM

## Revision Date:

Version 2.0 on June 23, 2017
Version 3.0 on Jan, 2018
Version 3.2 on June 2021

Revision History

| Name | Description |
|---|---|
| **MCOM_MITSUBISHI** | 2.0 not exist<br>3.0 include the this AOI to communicate with servo drive<br>3.1 Adding a logic to read homed status of the drive<br>3.2 Fixed the duplicate bit reference detected warning |
| **MMAFR**<br><br>Fault Reset | 2.0<br>3.0 No change |
| **MMAG**<br><br>Gearing | 2.0<br>3.0 No change<br>3.2 Fixed the duplicate bit reference detected warning and remove AFI's rung |
| **MMAH**<br><br>Home | 2.0<br>3.0 input data of speed command change to real data type with engineering unit capability<br>3.1 Adding the Homed status bit<br>3.2 Fixed the duplicate bit reference detected warning and remove AFI's rung |
| **MMAJ**<br><br>Jog | 2.0<br>3.0 Input data of speed, acceleration, deceleration command change to real data type with engineering unit capability<br>3.2 Remove AFI's rung |
| **MMAM**<br><br>Move | 2.0<br>3.0 Input data of position, speed, acceleration, deceleration command change to real data type with engineering unit capability<br>3.2 Fixed the duplicate bit reference detected warning and remove AFI's rung |
| **MMAPT**<br><br>Move w/ Point Table | 2.0<br>3.0 Remove |
| **MMAPTEdit**<br><br>Point Table Edit | 2.0<br>3.0 Remove |
| **MMAR**<br><br>Arm Registration | 2.0<br>3.0 The Touch probe capture value display in engineering unit.<br>3.1 Bug fix the engineer unit<br>3.2 Fixed the duplicate bit reference detected warning and remove AFI's rung |
| **MMAS**<br><br>Stop | 2.0<br>3.0 No change |
| **MMAD**<br><br>Shutdown | 2.0<br>3.0 No change |
| **MMASR**<br><br>Shutdown Reset | 2.0<br>3.0 No change |
| **MMAT**<br><br>Torque Move | 2.0<br>3.0 Input of torque and speed limit value change to real data type and speed limit value can be set engineering unit.<br>3.2 Fixed the duplicate bit reference detected warning and remove AFI's rung |
| **MMAW**<br><br>Arm Watch | 2.0<br>3.0 Input data of position command change to real data type with engineering unit capability<br>3.1 Bug fix the engineer unit |
| **MMCFG**<br><br>Configuration | 2.0<br>3.0 1) Rename the gear ratio setting input and change the data type real<br>2) Adding input variable unit setting, motor rated speed<br>3.1 Adding a logic when drive configure gearing to get the home status properly<br>Change the decimal point of command position<br>3.2 Fixed the duplicate bit reference detected warning and remove AFI's rung and add the unit setting 4 for running linear motor |

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|---|---|
| **MMDR**<br><br>Disarm Registration | 2.0<br>3.0 No change |
| **MMDW**<br><br>Disarm watch | 2.0<br>3.0 No change |
| **MMRE**<br><br>Read Error | 2.0<br>3.0 No change<br>3.2 Fixed the duplicate bit reference detected warning and remove AFI's rung |
| **MMReadP**<br><br>Read Parameters | 2.0<br>3.0 No change<br>3.2 Fixed the duplicate bit reference detected warning and remove AFI's rung |
| **MMSF**<br><br>Servo Off | 2.0<br>3.0 No change<br>3.2 Fixed the duplicate bit reference detected warning and remove AFI's rung |
| **MMSO**<br><br>Servo On | 2.0<br>3.0 No change<br>3.2 Fixed the duplicate bit reference detected warning and remove AFI's rung |
| **MMWriteE**<br><br>Write Parameters to EEPROM | 2.0<br>3.0 No change |
| **MMWriteR**<br><br>Write Parameters to RAM | 2.0<br>3.0 No change<br>3.2 Fixed the duplicate bit reference detected warning and remove AFI's rung |
| **MMRP**<br>Redefine the position | 3.1 New AOI Added<br>3.2 Fixed the duplicate bit reference detected warning and remove AFI's rung |