



Updating of FBs OS V4.54

10/01/2008

- Add multiple linear conversion (FUN34, MLC) instruction for more easily used with joining temperature or analog modules

Please refer to the attached file FUN34_MLC-EN.pdf for detailed description

- PID temperature control (FUN86) instruction supports user defined starting address of temperature reading value for more flexibility in temperature control application
 - R4003=A55AH, starting address of temperature reading value is defined by R4004
=Other values, starting address of temperature reading value is defined by temperature configuration screen
 - R4004=10000~13839, it defines R0~R3839 is the starting address of temperature reading value as the process variables for PID control
=20000~23999, it defines D0~D3999 is the starting address of temperature reading value as the process variables for PID control
=Other values, starting address of temperature reading value is defined by temperature configuration screen
- Supports FBs-NTC6/FBs-NTC16 temperature module for reading negative temperature coefficient of Thermal resistor
- Supports FBs-VOM voice module
- Supports FBs-1LC load cell module
- Supports FBs-BSSI synchronous serial interface board
 - D4072~D4074: Current reading value of synchronous serial interface device
 - D4076: It defines the operation mode (0~15, 16 modes)
- Improve the executing performance of FUN33 instruction
- Improve the execution of DRVZ (In FUN140 instruction, zero return) sticking at MD 0 operation while the parameter 0 of servo parameter table works in machine unit