

Variances of FBS_OS_V4.XX

. New instructions & supports by FBs series PLC :

- . FUN55 (B→G) : Binary code to Gray code conversion
- . FUN56 (G→B) : Gray code to Binary code conversion
- . FUN114 (Z_WR) : Zone Write
- . FUN139 (HSPWM) : High Speed PWM Output
- . FUN160 (RW↔FR) : Read/Write File Registers
- . Captured Input & Digital Filter for Digital Input
- . P0~P9 Index Registers

.Cancelled instructions by FBs series PLC :

- . FUN96 (LINK2) : Communication Convenient Instruction for Port 2
- . FUN97 (LINK1) : Communication Convenient Instruction for Port 1
- . FUN84 (7SGMO) : Convenient Instruction for 7-segment Module
- . FUN72 (TP4) : Convenient Instruction for FB-2AJ(K/H/T)4 Temperature Measurement Module
- . FUN73 (TSTC) : Convenient Instruction for FB-2AJ(K/H/T)4 Temperature Measurement + PID Temperature Control
- . FUN85 (TPSNS) : Convenient Instruction for FB-4AJ(K)XX Temperature Measurement Module
- . FUN86 (TPCTL) : Convenient Instruction for FB-4AJ(K)XX Temperature Measurement + PID Temperature Control

.Variant instructions by FBs series PLC :

- . FUN11 (+) : ADDITION, with Sign/Unsign operation
- . FUN12 (-) : SUBTRACTION, with Sign/Unsign operation
- . FUN13 (×) : MULTIPLICATION, with Sign/Unsign operation
- . FUN14 (÷) : DIVISION, with Sign/Unsign operation
- . FUN17 (CMP) : COMPARISON, with Sign/Unsign operation
- . FUN23 (DIV48) : 48-bit DIVISION, with Sign/Unsign operation
- . FUN77 (HKEY) : Hex-Key Input, new instruction with working register
- . FUN78 (DSW) : Digital Switch Input, new instruction with working register
- . FUN79 (7SGDL) : 7-segment Output With Latch, new instruction with working register
- . FUN80 (MUXI) : Multiplex Input, new instruction with working register

- . FUN87 (T.01S) : 0.01S Time Base Cumulative Timer, with 16/32 bit operation
- . FUN88 (T.1S) : 0.1S Time Base Cumulative Timer, with 16/32 bit operation
- . FUN89 (T1S) : 1S Time Base Cumulative Timer, with 16/32 bit operation
- . FUN93 (HSCTW) : Hardware High Speed Counter/Timer Current Value and Preset Value Writing
- . FUN141 (MPARA) : Motion Parameter Settings for NC Positioning