Upgrade Information of MPE720 Version 5.62

1. Added and Improved Functions

Items added and features improved from MPE720 version 5.61 to version 5.62 are as follows.

No.	Feature	Classification
1	SGDV0023 is supported	Improvement
2	SVR's "Backlash compensation amount" undisplayed	Improvement
3	A warning about ID-READ is displayed when you open the detail definition of motion module	Improvement
4	Correction of the maximum value of "Width of positioning completion"	Prevention
5	Correction of the data size of 218IFC's I/O message communication	Prevention
6	Improvement of PLC folder name display	Prevention
7	Correction of the 262IF's IP address setting range	Prevention
8	Correction of the CP ladder conversion process	Prevention
9	Correction of the transfer function of MP2101x	Prevention
10	Correction of the timeout period when starting EngineeringManager	Prevention
11	Correction of the save confirmation behavior of 217IF's detail definition	Prevention

2. Description

No.1 SGDV0023 is supported

We supported SGDV's software version 0023.

Backlash compensation function was added , so then we added following new parameters as servopack parameters at MPE720's Module Definition screen.

○Support to Fan-less SGDV
  ・Added value "0027H" to Pn824/825. (SGDV-11/15)
○Support to Backlash compensation
  ・Added Pn230/231/233 (SGDV-11/21)
○Support to Homing Approach Speed
  ・Added Pn842/844 (SGDV-11/15/21/25)
○Support to Magnescale Co., Ltd.
  ・Added Pn081(All)

No.2 SVR's "Backlash compensation amount" undisplayed

Though this parameter was displayed on SVR's Fixed Parameter , we changed not to show it because it's invalid parameter.

No.3 A warning about ID-READ is displayed when you open the detail definition of motion module

While ID-READ is running , Connected Servo cannot recieve the Motion Command .The warning about ID-READ is displayed when you open the detail definition of motion module ,if you press the OK button issue ID-READ, if you press the Cancel button not to issue the one.

No.4 Correction of the maximum value of "Width of positioning completion"

The maximum value is corrected.

No.5 Correction of the data size of 218IFC's I/O message communication

We corrected the range of data size of 218IFC's message communication as follows.

Reading data size :（BIN/ASCII common）
  BIN : 1～1024、ASCII : 1～1020
Writing data size :（BIN/ASCII common）
  BIN : 1～1024、ASCII : 1～1019

No.6 Improvement of PLC folder name display

We corrected the processing to find the delimiter in the double-byte characters.

No.7   Correction of the 262IF's IP address setting range

We corrected each field as follows.

1st：192～233
2nd：0～255
3rd：0～255
4th：1～254

No.8   Correction of the CP ladder conversion process

Since there was a case where the changed ladder program differed from the original program when CP ladder conversion was performed, the conversion process is corrected.

No.9   Correction of the transfer function of MP2101x

Since the input and output definitions (MECHATOROLINK definition of SVB or SVC, etc.) of MP2101x were not transmitted by MPE720Ver5, it corrected.

No.10   Correction of the timeout period when starting EngineeringManager

Since there was a case where timeout was caused by EngineeringManager's starting by Windows7, timeout time is lengthened at about 10 seconds.

No.11   Correction of the save confirmation behavior of 217IF's detail definition

Since the save confirmation window was not displayed when you change only the value of Reception watchdog timer and close the detail definition window of 217IF, it corrected.