Supplement to the ACS 600 Firmware Manual, System Application Program 5.2

This supplement (00088387.doc) is to be used in conjunction with the ACS 600 Firmware Manual for System Application Program 5.2 or later.

This supplement gives information about the functions of NDIO-02 DIP switches, which description is incorrect in the Firmware Manual 3AFY 63700177 R0325 Rev A and B.

See the correct switch position of the S7.

Note! If AC voltage is connected to DI1, the HW filter must be enabled. Otherwise zero voltage level can be incorrectly detected in the SW due to the nature of AC voltage.

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03		**DI/O EXT MODULE 1**			
Index	Description:	NDIO I/O extension module 1 can be used to replace or extend the I/O. The module is connected to channel CH1 on the NAMC board. The module is given the address 2 by setting the DIP switches as shown below. 1 = **NO** No NDIO module 1 used. 2 = **REPLACE** NDIO replaces NIOC DI1, DI2, DO1 and DO2. 3 = **EXTEND** Activates extended I/O: EXT1_DI1, EXT1_DI2, EXT1_DO1 and EXT1_DO2. **NDIO-01** **NDIO-02** S7: DI1 HW Filtering Enabled (Default) DI1 HW Filtering Disabled Note! DI1 HW filtering must be enabled, if AC voltage is connected to DI1.			
unit:	type: I	Min: 1	Max: 3	Def: 1	Integer scaling:

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04 Index		**DI/O EXT MODULE 2**				
	Description:	NDIO I/O extension module 2 can be used to replace or extend the I/O. Module is connected to channel CH1 on the NAMC board. The module is given the address 3 by setting the DIP switches as shown below. 1 = **NO** No NDIO module 2 used. 2 = **REPLACE** NDIO replaces NIOC DI3, DI4, and DO3. EXT2_DO1 is activated. 3 = **EXTEND** Activates extended I/O: EXT2_DI1, EXT2_DI2, EXT2_DO1 and EXT2_DO2 **NDIO-01** **NDIO-02** Note! DI1 HW filtering must be enabled, if AC voltage is connected to DI1.				
unit:	type: I	Min: 1	Max: 3	Def: 1	Integer scaling:	
05 Index		**DI/O EXT MODULE 3**				
	Description:	NDIO I/O extension module 3 can be used to replace or extend the I/O. Module is connected to channel CH1 on the NAMC board. The module is given the address 4 by setting the DIP switches as shown below. 1 = **NO** No NDIO module 3 used. 2 = **REPLACE** NDIO replaces NIOC DI5, DI6. EXT3_DO1 and EXT3_DO2 are activated. 3 = **EXTEND** Activates extended I/O: EXT3_DI1, EXT3_DI2, EXT3_DO1 and EXT3_DO2. **NDIO-01** **NDIO-02** Note! DI1 HW filtering must be enabled, if AC voltage is connected to DI1.				
Unit:	type: I	Min: 1	Max: 3	Def: 1	Integer scaling:	