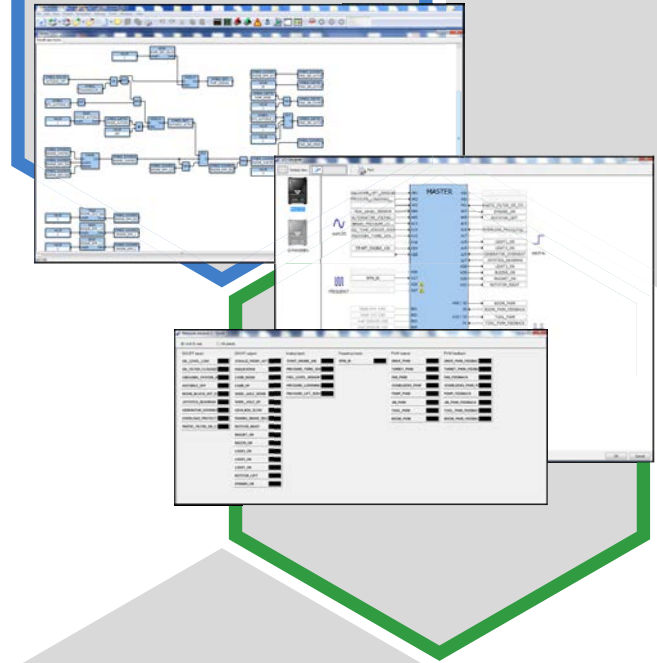


CANopen SERIES

PC TOOL DEVELOP



CANmaster

General description

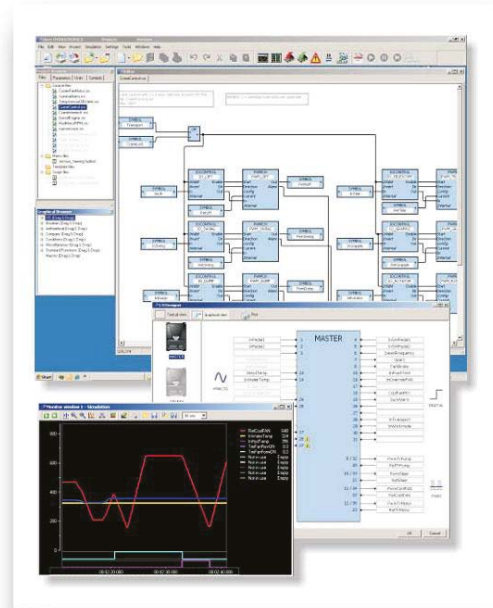
CANmaster PC-TOOL Develop™ is a Windows based graphical programming tool with ready to use powerful function blocks and program templates for the CANmaster control system. Textbased programming can be done in parallel and both type of source files can be mixed in the same project.

CANmaster Terminal Design™ is an integrated part of PC-TOOL Develop, used for graphical programming of the terminal structure and screen visuals including build-in symbols and a user defined image library. User programmable scripts can be added for increased terminal functionality.

With the simulator included in PC-TOOL Develop it is possible to simulate the complete application- and terminal program with the same compiled source files that is downloaded to the control units. The program in simulation mode can be set to run at full speed, step-by-step single instruction, step-by-step source line or program loop. These features and the use of templates and powerful function blocks, combined with advanced graphical and textbased monitors offers the best possible development environment making it easy to design safe and effective machine functions in a short time.

PC-TOOL Develop also includes following basic functions:

- Download management for boot-, middle- and application software to the control units. Down- and upload of parameter files.
- Sensor and joystick calibration.
- Graphical and textbased monitoring and logging of I/Os with the machine in operation.
- Upload of the error logs from individual control units and from the central system error log in the Master-unit.
- Documentation and printouts.



Technical data

System requirements user computer

Computer type	PC compatible
Operating system	Microsoft Windows 98/2000/XP
RAM memory	min. 256 Mbyte
Processor	min. 233 MHz
Hard disk free space	15 Mbyte
COM-ports	RS232 for PC communication. One free USB-port for license key.
Screen resolution	Min. 800 x 600 pixels Recommended 1024 x768

Ordering Information

CANmaster PC-TOOL Develop

Part No. 5019 0000

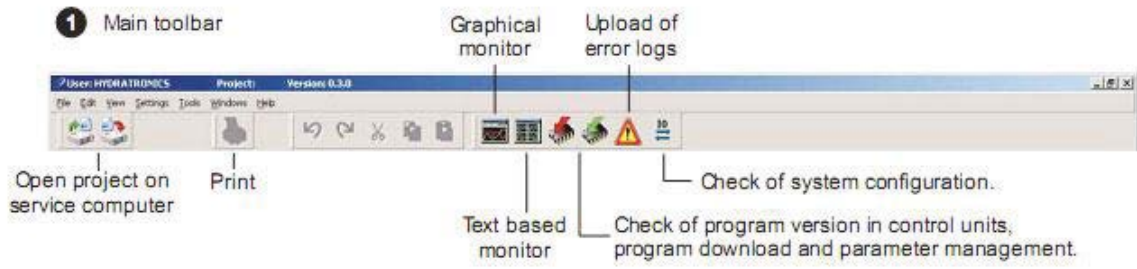
Including:

- Single user license USB-key
- On-line Function Reference including programming examples
- On-line Syntax Reference
- User Manual PC-TOOL Develop (printed)
- User Manual Technical Data & Installation (printed)

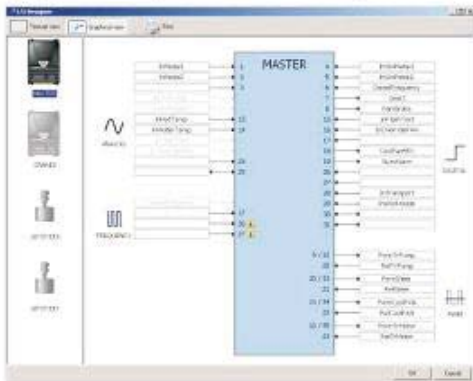
Part No. 5011 0016-GB

Part No. 5011 0003-GB

Program functions



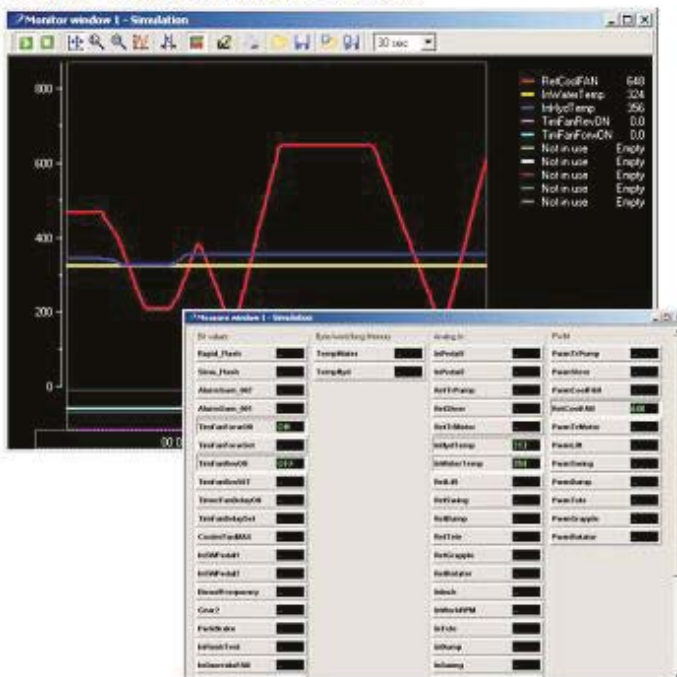
2 Check of system- and I/O configuration.



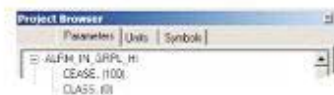
3 Upload of error logs

#	Date	Time	Unit	Type	User Action	SW	Error Data
10	07-02-12	12:12:04	MASTER	ALARM	CEASED	APPLICATION	Alarm: POT GRPL HIGH
9	07-02-12	12:12:02	MASTER	ALARM	RAISED	APPLICATION	Alarm: POT GRPL HIGH
8	07-02-12	12:12:01	MASTER	ALARM	CEASED	APPLICATION	Alarm: POT GRPL LDW
7	07-02-12	12:11:59	MASTER	ALARM	RAISED	APPLICATION	Alarm: POT GRPL LDW
6	07-02-12	12:11:58	MASTER	ALARM	CEASED	APPLICATION	Alarm: POT GRPL HIGH
5	07-02-12	12:11:56	MASTER	ALARM	RAISED	APPLICATION	Alarm: POT GRPL HIGH
4	07-02-12	12:11:55	MASTER	ALARM	CEASED	APPLICATION	Alarm: POT ROT LDW
3	07-02-12	12:11:52	MASTER	ALARM	RAISED	APPLICATION	Alarm: POT ROT LDW
2	07-02-12	12:11:50	MASTER	ALARM	CEASED	APPLICATION	Alarm: POT ROT HIGH
1	07-02-12	12:11:48	MASTER	ALARM	RAISED	APPLICATION	Alarm: POT ROT HIGH

4 Test of the application program with graphical and textbased monitors with the machine in operation.



5 Parameter editor and sensor calibration



Supported by a worldwide network



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APAC

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