



JX6-SB / JX6-SB-I
Version Update
from V. 2.12 to V. 2.13



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1 Introduction

Version Updates - Survey			
Version	Function	upgraded	corrected
V 2.13	<i>Motion Setup</i>		✓
V 2.12	<i>Fast inputs at JX2-ID8 / JX2-IO16</i> The inputs of the expansion modules JX2-ID8 and JX2-IO16 can be configured as fast inputs	✓	
	<i>Expansion modules JX6-SB(-I)</i> - EX250-SCA1 by SMC	✓	
	<i>Expansion modules JX6-SB-I</i> - Vacon NX frequency converter	✓	
	<i>Remanent values</i> Baud rate, dummy module, etc., can also be stored on the JX6-SB(-I) module as remanent items. This is of special significance for JetControl 800. <i>Error acknowledging and error recognition</i> Error-LED reset and enquiry on the system bus statuses have been optimized. <i>JX-SIO</i> After starting the system busses, the values of the analog outputs will be read back. 32-bit register overlay of the digital outputs	✓	✓ ✓
V 2.11	<i>Expansion Modules</i> The JX6-SB(-I) submodule now supports the following expansions in the master-slave mode JX6-SB ... - LJX7-CSL-108-ID16 - LJX7-CSL-109-ID16-NPN - LJX7-CSL-107-OD8-2A - LJX7-CSL-113-ID8-OD8 - LJX7-CSL-114-OD16 - Milan Drives	✓	
	<i>Monitoring JX2-I/O Modules</i> The behaviour of the JX6-SB(-I) submodule can be configured	✓	
	<i>JX2-Dummy-Slaves</i> There is no timeout, if JX2-dummy-slaves are applied	✓	
	<i>FESTO CP-FB Modules</i> Parallel mode with JX-SIO is possible	✓	

V 2.10	<p><i>JX6-SB Master-Slave Mode</i></p> <p>This has been newly added; it is a special feature of this mode that its IO and register numbers match those of NANO, respectively JC-24X.</p>	✓	
	<p><i>Expansion Modules</i></p> <p>The JX6-SB(-I) submodule now supports the following expansions in the master-slave mode JX6-SB ...</p> <ul style="list-style-type: none"> - JX-SIO - Festo CPV-Direct - Festo CPX-Terminal Unit - SMC SI-Unit - Bürkert Valve Block - Lenze Frequency Converter 	✓	
	<p><i>Master-Master Mode</i></p> <p>A register for direct input of the latest register data number has been added</p> <p>now, 32-bit registers can be transferred</p>	✓	

Important!



While the operating system is being updated, the voltage supply of the controller must must not be interrupted.

2 Eliminated Software Bugs

2.1 Motion Setup

Simultaneous access both to a JM-200 register in the motion setup and to JX-SIO registers by means of commands 31 and 32 will not lead to a timeout any more.