maxon motor

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ESCON Setup

«Release Notes»

Edition November 2018

SYSTEM REQUIREMENTS

Minimum System Requirements	
Operating System	Windows 10, 8, 7, XP SP3
Processor	Core2Duo 1.5 GHz
Drive	Hard disk drive, 1 GB available space
Port	USB 2.0 / USB 3.0
Memory	1 GB RAM
Monitor	Screen resolution 1024 x 600 pixels
Web Browser	Microsoft Internet Explorer 8

VERSION HISTORY

Edition 9 (2018-11)		
Changes	ESCON Studio 2.2 Revision 5	Graphical user interface supports high-resolution screens
	Documentation	Revision of Hardware References (November 2018)

Edition 8 (2017-04)		
Features	ESCON Studio 2.2 Revision 4	Supports new servo controllers ESCON Module 50/8 and ESCON Module 50/8 HE Supports input of uppercase letters in parameterization file format (*.edc)
	ESCON Module 50/8 ESCON Module 50/8 HE	Release of ESCON Firmware 0x0151 Release of documents: – Firmware Version Readme (April 2017) – Feature Comparison Chart (April 2017) – Hardware Reference (April 2017)
Changes	ESCON Studio 2.2	Range error for «Startup Wizard» corrected Range error for parameter import corrected

Edition 7 (2015-11)		
Changes	ESCON Studio 2.2 Revision 3	In case of unsupported operating system language, the default language (English) will be loaded
		Layout of «Regulation Tuning» window changed
		Parameter import for virtual controllers fixed
	Documentation	Revision of documents (November 2015)

Edition 6 (2014-11)		
Features	ESCON Studio 2.2	Supports new servo controller ESCON Module 24/2
		Introduction of RC Servo signal input (PWM pulse length) for speed/current set value, offset, and current limiter
		Speed ramp now also adjustable via analog input
	ESCON Module 24/2	Release of ESCON Firmware 0x0150
		Release of documents: – Firmware Version Readme (November 2014) – Feature Comparison Chart (November 2014) – Hardware Reference (November 2014)
Changes	ESCON Studio 2.2	«Regulation Tuning» for sensorless EC motors optimized
		General performance and stability improvements
	ESCON 36/2 DC ESCON 36/3 EC ESCON Module 50/4 EC-S ESCON 50/5 ESCON Module 50/5 ESCON 70/10	Upgrade of ESCON Firmware 0x0150
		Revision of documents: – Firmware Version Readme (November 2014) – Hardware Reference (November 2014)

Edition 5 (2013-11)		
Features	ESCON Studio 2.1	Supports new servo controller ESCON Module 50/4 EC-S
		Extension of tool «Data Recording»
	ESCON Module 50/4 EC-S	Release of ESCON Firmware 0x0140
		Release of documents: – Firmware Version Readme (September 2013) – Feature Comparison Chart (September 2013) – Hardware Reference (September 2013)
Changes	ESCON Studio 2.1	General improvements in performance and stability
	ESCON 36/2 DC ESCON 36/3 EC ESCON 50/5 ESCON Module 50/5 ESCON 70/10	Upgrade of ESCON Firmware 0x0140
		Revision of documents: – Firmware Version Readme (September 2013) – Hardware Reference (September 2013)

Edition 4 Revision 2 (2013-05)		
Changes	ESCON Studio 2.0 Revision 2	Configuration «Enable CW» and «Enable CCW» corrected.

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Edition 4 (2013-03)		
Features	ESCON Studio 2.0	Supports new servo controllers ESCON 70/10 and ESCON Module 50/5
		Introduction of option «Virtual Controller» (configuration without controller)
		Introduction of function «Current Comparator»
		Extension of tool «Data Recording»
	ESCON Module 50/5 ESCON 70/10	Release of ESCON Firmware 0x0130
		Release of documents: – Firmware Version Readme (March 2013) – Feature Comparison Chart (March 2013) – Hardware Reference (March 2013)
Changes	ESCON Studio 2.0	General improvements in performance and stability
		Minor formulation changes
	ESCON 36/2 DC ESCON 36/3 EC ESCON 50/5	Upgrade of ESCON Firmware 0x0130
		Revision of documents: – Firmware Version Readme (March 2013) – Hardware Reference (March 2013)

Edition 3 Revision 2 (2012-10)		
Changes	ESCON 36/3 EC	Revision of documents: – Hardware Reference (October 2012)

Edition 3 (2012-09)		
Features	ESCON Studio 1.2	Supports new servo controller ESCON 36/3 EC
		Supports additional languages: Japanese (ja), Chinese (zh)
		Introduction of wizard «Diagnostic»
		Introduction of tool «Data Recording»
	ESCON 36/3 EC	Release of ESCON Firmware 0x0120
		Release of documents: – Firmware Version Readme (September 2012) – Feature Comparison Chart (September 2012) – Hardware Reference (September 2012)
Changes	ESCON 36/2 DC ESCON 50/5	Upgrade of ESCON Firmware 0x0120
		Revision of documents: – Firmware Version Readme (September 2012) – Hardware Reference (September 2012)

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Edition 2 (2012-04)		
Features	ESCON Studio 1.1	Supports new servo controller ESCON 50/5
		Supports additional languages: Italian (it), Spanish (es)
		Introduction of Wiring Overview in «Startup Wizard»
		Introduction of «Controller Monitor», Overview and Properties
	ESCON 50/5	Release of ESCON Firmware 0x0110
		Release of documents: – Firmware Version Readme (March 2012) – Feature Comparison Chart (March 2012) – Hardware Reference (March 2012)
Changes	ESCON 36/2 DC	Upgrade of ESCON Firmware 0x0110
		Revision of documents: – Firmware Version Readme (March 2012) – Hardware Reference (March 2012)

Edition 1 Revision 1 (2011-11)		
Changes	ESCON Studio 1.0 Revision 2	«Controller Monitor» does no longer crash while clicking graphical control elements.

Edition 1 (2011-10)		
Features	New	Initial release
Changes	–	–

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