

Certificate

No. 1433.GR.20190426.132707

TÜV NORD Systems GmbH & Co. KG hereby certifies to

Selectron Systems AG

Bernstrasse 70
3250 Lyss
SWITZERLAND

that the control system of the family

MAS 94x

(refer to tracking list and compatibility matrix)

meets the requirements listed in the below mentioned standards

- DIN EN 61508:2011; SIL 2
- DIN EN 50657:2017; SIL 2
- DIN EN 50159:2011
- DIN EN 50128:2012; SIL 2
- DIN EN 50129:2003; SIL 2

Certification program Leittechnik (SEB-ZE-SEECERT-VA-320-20, Rev. 5.1 / 04.19)

Base of certification is the report
No. 1433.GR.20190426.132707,
Version 3.1 from 02.12.2020.

Valid until: 02.12.2025
File reference: 8117606940

Hamburg, 02.12.2020



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(Head of certification body)



Tracking List

Version 1.0

Certificate-No. 1433.GR.20190426.132707



for the control systems PLC 94x of the family

MAS 94x

Module	Version
SCPU 941-TW	Device revision A

Software component	Software name	Version
Runtime system	MOS_xCPU94x	MOS_xCPU94x_SIL2_V1.0.0.00420
Firmware	FW_xCPU941	FW_xCPU941_SIL2_V1.0.0.00287
With PikeOS 4.2.4 for ARM v8 Using the compiler pikeos-gcc-arm_v8hf-5.5.0-32.i386		

Communication protocol	Category according to DIN EN 50159:2011
„SDTv2 via TRDP“	Category 1

Hamburg, 02.12.2020



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Compatibility Matrix

Version 1.0

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for the control systems PLC 94x of the family

MAS 94x

Compatibility between firmware and runtime system of SCPU 941-TW device revision

SCPU 941-TW Device revision		Runtime system MOS_xCPU94x	
		MOS_xCPU94x_SIL2_V1.0.0.00420	
Firmware FW_xCPU941	FW_xCPU941_SIL2_V1.0.0.00287	A	

Compatibility between modules and runtime system

Modules	Version	Runtime system MOS_xCPU94x	
		MOS_xCPU94x_SIL2_V1.0.0.00420	
Processing modules			
SCPU 941-TW	See above		
Node modules			
SDDE 301-TF	A	x	
Node modules - accessories			
SBTM 301-T	A	No addition	
Digital modules			
SDIT 301-TF	A, B	x	
SDIT 302-TF	A, B	x	
SDIT 332-TF	A, B	x	
SDIT 342-TF	A, B	x	
SDOT 301-TF	B	x	
SDOT 302-TF	B	x	
SDOT 312-TF	B	x	
SDOT 322-TF	B	x	
SDOT 332-TF	B	x	

Modules	Version	Runtime system MOS_xCPU94x	
		MOS_xCPU94x_SIL2_V1.0.0.00420	
Analog modules			
SAIT 302-T/12B/I	A	x	
SAIT 302-T/12B/U	A	x	
SAIT 304-T/12B/I	A	x	
SAIT 304-T/12B/U	A	x	
S Supply modules			
SPSC 301-TF	A	No addiction	
SPSP 301-TF	A	No addiction	

x: given compatibility

Hamburg, 02.12.2020



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