



Revision List
referred to on Certificate No.: 968/FSP 2132.01/21
**Certified Product: Integrated Safety Functions of the
Xanthus Drive Unit**



Xanthus Drive Unit modules

Type Designation	Description	FW Revision	HW Revision	Report-No.:	Certification Status
MEA	Main Electronic Assembly incl. DUSC	Safety CPU: Bootloader 3.1.0 Application 1.2.0	500-02024 R01	968/FSP 2123.00/20	<i>Valid</i>
MEA	Main Electronic Assembly incl. DUSC	Safety CPU: Bootloader 3.5.0 Application 2.0.5 Safe-Base 1.2.0	500-02024 R01	968/FSP 2123.01/21	<i>Valid</i>
ARIMA	Amazon Robotics Integrated Motor Amplifier for the Left and Right wheel	FPGA: 203.038.02.02 Safety Block Version: 02.02 Non Safety Block Version: 203.038	500-10512 R01	968/FSP 2123.00/20	<i>Valid</i>
UI	User Interface For the front and one on the rear side of the DU	-/-	500-03100-na R02 500-03100-eu R02	968/FSP 2123.00/20	<i>Valid</i>
Backplane	Central Backplane	-/-	500-03030 R03	968/FSP 2123.00/20	<i>Valid</i>



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Safety Functions

Safety function	Description	Specified in	Report-No.:	Certification Status
STO	Safe torque off	IEC 61800-5-2	968/FSP 2132.00/20	<i>Valid</i>
SS2-r	Safe stop 2 (ramp controlled)		968/FSP 2132.00/20	<i>Valid</i>
SLS	Safely-limited speed		968/FSP 2132.00/20	<i>Valid</i>
SOS	Safe operating stop		968/FSP 2132.00/20	<i>Valid</i>
REDUCED_SLF	Reduced speed for SLF floor types, safely-limited	Amazon Robotics	968/FSP 2132.01/21	<i>Valid</i>
REDUCED_ELF	Reduced speed for ELF floor types, safely-limited		968/FSP 2132.01/21	<i>Valid</i>

The content of this Revision List has been agreed between Manufacturer and Certification Body.

Revision:

Date	Rev.	Description / Changes	Author
2020-11-05	1.0	Initial creation, based on Report-No.: 968/FSP 2132.00/20	jmu,wi/A-FS
2021-10-14	1.1	Update, based on Report-No.: 968/FSP 2132.01/21	jmu/A-FS

Amazon Robotics
300 Riverpark Drive
North Reading, MA 01864
United States of America

TÜV Rheinland Industrie Service GmbH
Automation - Functional Safety (A-FS)
Am Grauen Stein
51105 Köln / Germany