

Certificate



No.: 968/FSP 1090.02/18

Product tested Integrated Safety Functions STO, SS2-t, SOS and SLS of the Atlas Drive Unit

Certificate holder Amazon Robotics, LLC
300 Riverpark Drive
North Reading, MA 01864
USA

Type designation G- and S- Drive variants

Codes and standards IEC 61800-5-2:2016 (in extracts) ISO 13849-1:2015
IEC 62061:2015 IEC 61508 Parts 1-7:2010

Intended application The integrated safety functions STO, SS2-t, SOS and SLS comply with the requirements of SIL 2 / SIL CL 2 acc. to IEC 61800-5-2 / IEC 62061 / IEC 61508 and Cat. 3 / PL d acc. to ISO 13849-1. They can be used up to these safety levels in applications to move shelves within a Mobile Robotic Fulfillment System (MFS) of an Amazon warehouse.

Specific requirements The instructions of the associated Installation, Operating and Safety Manual shall be considered.

Valid until 2023-03-15

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1090.02/18 dated 2018-03-15.

This certificate is valid only for products which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

Köln, 2018-03-15

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Stephan Häb