

DECLARATION OF CONFORMITY | LX MED STYRSYSTEM THOR

Company: Hiselektronik Sweden AB

Product model: Liftcontroller LX / Styrssystem THOR

The product is developed, designed and manufactured in accordance with the EMC directives. The following harmonized standards are in use:

EN 12015	Electromagnetic compability – product family standard for lifts - Emission	EN 12015:2020
	Conducted disturbance	EN 55016:2016+A1:2017+ A11:2022+A2:2021
	Radiated disturbance	EN 55016:2016+A1:2017+ A11:2022+A2:2021
	Harmonics	EN61000-3-2:2019+A12021
	Flicker	EN61000-3-11:2019
	Click measurements	EN55014-1:2021
EN 12016	Electromagnetic compability – Product family standard for lift - Immunity	EN 12016:2023
	Electrostatic discharge (ESD)	EN 61000-4-2:2009
	Radio-frequency electromagnetic field	EN 61000-4-3:2020
	Fast transient	EN 61000-4-4:2012
	Surges	EN 61000-4-5:2014+A1:2017
	Induced radio frequency field	EN 61000-4-6:2014
	Voltage dips and interruptions	EN61000-4-34:2007+A1:2009

Environmental test is done on THOR CPU with severities according to EN 81-50, point 5.6.3.1.2.a, point 5.6.3.1.2.b, point 5.6.3.1.3.2, point 5.6.3.1.3.3 and point 5.6.3.2

EN 81-50	sinusoidal vibration	IEC 60068-2-6:2007
	shock	IEC 60068-2-27:2008
	dry heat	IEC 60068-2-2:2007
	cold	IEC 60068-2-1:2007

The complete technical documentation is available. The compliance with the directive depends on the correct installation of the product. The installation instruction from the manual has to be followed.

Tyresö 2023-02-17

Hiselektronik Sweden AB

Anders Johansson Technical manager

