


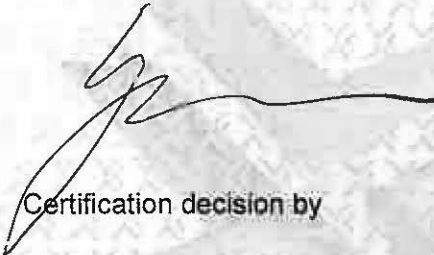
TYPE-EXAMINATION CERTIFICATE

Issued by Liftinstituut B.V.

- Certificate nr. : NL 07-400-1002-048-08 Revision nr.: 2
- Description of the product : PCB; Controller board for electric and hydraulic lifts with monitoring circuit for safety chain and door bridging circuit, also applied for detection of unintended movement of the car (UCMP) and/or monitoring functions
- Trademark, type : Arkel Elektrik - Elektronik, Lift Control Card ARL-500 V2.1
- Name and address of the manufacturer : Arkel Elektrik - Elektronik Tic. Ltd. Sti.
Bostanci Yolu Cad. Sehit Sok. No:36
Yukari Dudullu, Istanbul, Turkey
- Name and address of the certificate holder : Arkel Elektrik - Elektronik Tic. Ltd. Sti.
Bostanci Yolu Cad. Sehit Sok. No:36
Yukari Dudullu, Istanbul, Turkey
- Certificate issued on the following requirements : Lifts Directive 95/16/EC, EMC Directive 2004/108/EC
EN 81-1:1998+A3:2009, article 9.11.3, 9.11.7, 9.11.9, 14.1.1, 14.1.2.1.3, Annex F.8 and H; EN 81-2:1998+A3:2009 art. 9.13.3, 9.13.7, 9.13.9, 14.1.1, 14.1.2.1.3, Annex F.8 and H
- Test laboratory : Liftinstituut, ESIM
- Date and number of the laboratory report : February 23, 2012 / NL 07-400-1002-048-08 rev. 2
June 30, 2008 / EMC Arkel-2008241/ESIM
- Date of type-examination : February 2007 – March 2007, Rev. 1.0; January 12, 2010, Rev. 2; January – February 2012
- Annexes with this certificate : Report belonging to the type-examination certificate nr.: NL 07-400-1002-048-08 rev. 2
- Additional remarks : The printed circuit board IS NOT subjected to the laboratory tests according to annex F.6 of EN 81-1/2 + A3.
Key parameters for detecting UCM
Detection distance (variable) : ML magnets switching point
Max. response time ARL-500 : 10 ms
Max. response time incl. contactors : 40 ms
Speed and distance travelled : to be calculated
- Conclusion : The printed circuit board ARL-500 meets the requirements referred to in this certificate taking into account any additional remarks mentioned above.

Issued in Amsterdam
Date of issue : February 23, 2012


ing. A.J. van Ommen
Manager Business Unit
Certification


Certification decision by