



liftinstituut  
SINCE 1933

# EU-TYPE EXAMINATION CERTIFICATE

Issued by Liftinstituut B.V.  
identification number Notified Body 0400,  
commissioned by Decree no. 2018-0000125182

Certificate no. : NL13-400-1002-178-01      Revision no.: 2

Description of the product : ETHOS2 control panel functionality to operate the A3 Dual Brake interface and the verification of the correct opening and closing of the solenoids as part of unintended car movement protection of the lift.

Trademark : Thames Valley Controls (tvc)

Type no. : EN81-20 Control Board with A3 Dual Brake Interface

Name and address of the manufacturer : Thames Valley Controls Ltd  
Manor Farm Industrial Estate  
Flint, Flintshire  
CH6 5UY, United Kingdom

Name and address of the certificate holder : Thames Valley Controls Ltd  
Manor Farm Industrial Estate  
Flint, Flintshire  
CH6 5UY, United Kingdom

Certificate issued on the following requirements : Lifts Directive 2014/33/EU

Certificate based on the following standards : EN 81-20:2020 clauses 5.6.7.3, 5.6.7.7, 5.6.7.9, 5.11.1.1 and 5.11.2.1.7  
EN 81-50:2020 art. 5.8 and 5.15

Test laboratory : None

Date and number of the laboratory report : None

Date of EU-type examination : January - February 2013 / Rev.1; April 2016 / Rev.2; April - August 2021.

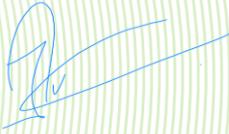
Additional document with this certificate : Report belonging to the EU-type examination certificate no.: NL13-400-1002-178-01 Rev.2

Additional remarks : - This revision replaces certificate NL13-400-1002-178-01 Rev.1 of 25-04-2016.  
- See chapter 2 & 5 of the belonging report.

Conclusion : The safety component meets the requirements of the Lifts Directive 2014/33/EU taking into account any additional remarks mentioned above.

Amsterdam

Date : 25-08-2021  
Valid until : 25-08-2026

  
ing A.J. van Ommen  
International Business  
Manager

  
Certification decision by