


TYPE EXAMINATION CERTIFICATE

According to Machinery Directives

Certificate No. 4786959040-2
 Date of Issue April 30, 2016
 Applicant I-TORK Controls Co., Ltd.
 12-13, Gillju-ro 411beon-gill, Wonmi-gu, Bucheon-si, Gyeonggi-do,
 420-858 Korea
 Manufacturer Same as above
 Trade Mark 
 Product Sample Description Electric Actuator
 Model /Type designation ITQ Series (See appendix A)
 Ratings See Appendix Page
 Product Sample Tested and found in compliance with Standards See the applied standards below
 Additional Information N/A

Standards and test reports are shown in the following:

Directive	Standards	Test reports
Machinery Directive 2006/42/EC	EN ISO 13849-1:2008/AC 2009, EN ISO 14121-2:2008, EN 60204-1:2006	SWE-2015-0124-1CE, SWE-2015-0124-2CE, SWE-2015-0124-3CE, SWE-2015-0124-4CE, SWE-2015-0124-5CE, SWE-2015-0124-6CE
EMC Directive 2014/30/EU	EN 61000-6-4:2007+A1:2011, EN 61000-6-2:2005, EN 61000-3-2: 2006+A1:2009+A2:2009 EN 61000-3-3:2008	KBW-2015-E-064-1, KBW-2015-E-064-2, KBW-2015-E-064-3, KBW-2015-E-064-4, KBW-2015-E-064-5, KBW-2015-E-064-6, KBW-2015-E-064-7, KBW-2015-E-064-8, KBW-2015-E-064-9, KBW-2015-E-064-10, KBW-2015-E-064-11, KBW-2015-E-064-12, KBW-2015-E-064-13, KBW-2015-E-064-14, KBW-2015-E-064-15, KBW-2015-E-064-16, KBW-2015-E-064-17
Low Voltage Directive 2014/35/EU	EN 60034-1:2010	ENSTD1505-1, ENSTD1505-2, ENSTD1505-3, ENSTD1505-4

Representative models of the above noted product(s) have been submitted to UL Korea Ltd. and been found to be in compliance with the above mentioned harmonized standard(s) per Article 7 of Directive 2006/42/EC of the European Parliament and the Council of 17 May 2006 on the approximation of the laws of the Member States relating to machinery.

Per Article 7(2) of Directive 2006/42/EC, "Machinery manufactured in conformity with a harmonised standard, the references to which have been published in the Official Journal of the European Union, shall be presumed to comply with the essential health and safety requirements covered by such a harmonised standard.

As stated in Article 12(1) of Directive 2006/42/EC, "The manufacturer or his authorised representative shall, in order to certify the conformity of machinery with the provisions of this Directive, apply one of the procedures for assessment of conformity described in paragraphs 2, 3 and 4.

The Member States of the EU shall presume compliance with the provisions of the Low Voltage Directive (LVD) 2014/35/EU of 26 February, 2014, when the product is carrying the CE-mark of conformity, a Declaration of Conformity with the LV Directive has been completed and signed by the manufacturer or his authorized representative established within the Community, and when the additional requirements of Annex IV regarding internal production control and the presence of technical documentation are complied with.

The Member States of the EU shall presume compliance with the provisions of the EMC Directive 2014/30/EU of 26 February, 2014, when the product is carrying the CE-mark of conformity, a Declaration of Conformity with the EMC Directive has been completed and signed by the manufacturer or his authorized representative established within the Community, and the relevant documentation is available.

UL has not established Follow-Up Service or other surveillance of the product. UL's name and marks shall not be used on or in conjunction with the product. The client and or manufacturer are solely and fully responsible for conformity of all products to all applicable standards, specifications or requirements. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

This document contains 3 page(s) including appendix.



A handwritten signature in black ink, appearing to read 'K. S. Lee', is written over a dotted line.

Signature.....

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Appendix A

Model differences:

Model	Rated voltage	Rated Frequency	Rated current, A	Operating Duty and Time	Option
ITQ 0020	24 V d.c.	-	0.55	S2 30min 11s	<ul style="list-style-type: none"> - CT or/and - RPC or/and - BP1 or/and - BP2 or/and - LM4(LP4) or/and - ICM1 or/and - ICM2 or/and - PROFIBUS or/and - CANopen
	220 V~	50/60 Hz	0.08	S2 30min 11s	
ITQ 0040	24 V d.c.	-	0.8	S2 30min 14s	
	220 V~	50/60 Hz	0.18	S2 30min 14/12s	
ITQ 0080	24 V d.c.	-	0.8	S2 30min 15s	
	220 V~	50/60 Hz	0.52	S2 30min 16/14s	
	380 3~	50/60 Hz	0.52/0.56	S2 30min 16/14s	
ITQ 0100	24 V d.c.	-	2.8	S2 30min 21s	
	220 V~	50/60 Hz	0.52/0.68	S2 30min 21/18s	
	380 V 3~	50/60 Hz	0.43/0.33	S2 30min 21/18s	
ITQ 0160	24 V d.c.	-	1.8	S2 30min 26s	
	220 V~	50/60 Hz	0.85/0.90	S2 30min 26/22s	
	380 V 3~	50/60 Hz	0.30/0.30	S2 30min 21/18s	
ITQ 0240	24 V d.c.	-	2.4	S2 50% 26s	
	220 V~	50/60 Hz	0.87/0.90	S2 30min 26/22s	
	380 V 3~	50/60 Hz	0.32/0.32	S2 30min 21/18s	
ITQ 0350	24 V d.c.	-	2.4	S2 30min 31s	
	220 V~	50/60 Hz	0.92/0.95	S2 30min 31/26s	
	380 V 3~	50/60 Hz	0.32/0.32	S2 30min 31/26s	
ITQ 0500	24 V d.c.	-	2.4	S2 20min 31s	
	220 V~	50/60 Hz	1.50/1.60	S2 20min 31/26s	
	380 V 3~	50/60 Hz	0.52/0.56	S2 20min 31/26s	
ITQ 0800	220 V~	50/60 Hz	2.05/2.20	S2 20min 39/32s	
	380 V 3~	50/60 Hz	0.82/0.88	S2 20min 39/32s	
ITQ 1100	220 V~	50/60 Hz	2.15/2.30	S2 20min 39/32s	
	380 V 3~	50/60 Hz	0.84/0.90	S2 20min 39/32s	
ITQ 2000	220 V~	50/60 Hz	2.95/3.15	S2 20min 59/50s	
	380 V 3~	50/60 Hz	1.5/1.8	S2 20min 59/50s	
ITQ 3000	220 V~	50/60 Hz	3.75/3.85	S2 20min 59/50s	
	380 V 3~	50/60 Hz	1.6/2.0	S2 20min 59/50s	
ITQ 6000	220 V~	50/60 Hz	2.95/3.15	S2 20min 178/149s	
	380 V 3~	50/60 Hz	1.5/1.8	S2 20min 178/149s	
ITQ 9000	220 V~	50/60 Hz	3.75/3.85	S2 20min 178/149s	
	380 V 3~	50/60 Hz	1.6/2.0	S2 20min 178/149s	