

EU-Type Examination Certificate



1. **EU-TYPE EXAMINATION CERTIFICATE**
2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU**
3. **EU-Type Examination Certificate Number: ITS16ATEX101535X Issue 0**
4. **Product:** X Touch TA Pendant Control
5. **Manufacturer:** COEL Motori S.r.l.
6. **Address:** Via Campania, 40
20090 Fizzonasco di Pieve Emanuele (MI)
Italy
7. This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
8. Intertek Testing and Certification Limited, Notified Body number 0359 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that the product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Intertek Report Ref 102781673UDI-001B Issue: 00 Dated: March 2017.
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0:2012, EN 60079-1:2014, EN 60079-31:2014 except in respect of those requirements referred to at item 16 of the Schedule.
10. If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Safe Use specified in the Schedule to this certificate.
11. This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
12. The marking of the product shall include the following:



II 2 G Ex db IIC T6 Gb
II 2 D Ex tb IIIC T85°C Db

-20°C ≤ Ta ≤ +60°C

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A T Austin
Certification Officer
30 March 2017

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SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE NUMBER ITS16ATEX101535X

1: Description of Equipment or Protective System

The X-Touch is a pendant control station. The pendant control station can be built in five different models with different number of switches. Including an option of two models, types TA12 and TA16 which are connected by a metal plate.

Heater is optional according to the type code (see it below).

Electrical ratings are 250 Vdc and 1.1A max or, 240 Vac and 3A max. Internal volume is 0.8 litre max.

Types of protection of the equipment are "db" and "tb" with an ambient temperature from -20°C up to 60°C.

The joint present in the equipment are threaded joints and one flange.

The enclosure can be made in aluminum EN AB 42100, in C40 steel or in AISI316.

The equipment is made by a flameproof and dust tight enclosure. It is composed by a main body and a cover; they are fixed with screws M5x20, quality A4, resistance class 70 and yield stress 450 N/mm².

The type code is:

X-Touch TA XX X XX

Identification of the threaded entry:

- NPT ½": N1;
- NPT ¾": N2;
- NPT 1": N3;
- M20x1.5: M1;
- M25x1.5: M2;
- M32x1.5: M3.

If heater is installed: H

Number of contact: 4, 6, 8, 12, 16

1: Report Number

Intertek Report Ref: 102781673UDI-001B Issue: 00 Dated: March 2017

1: Special Conditions of Certification

(a). Specific Conditions of Safe Use

- The screw used to close the cover shall be M5x20 hexagonal socket countersunk head cap screws with this characteristic: AISI 316L type as per ISO 10642 quality A4 resistance class 70, yield stress 450 N/mm².
- Only in model TA12 and TA16 the screw to fixed two body with the plate shall be M5x35 hexagonal socket countersunk head cap screws with this characteristic: AISI 316L type as per ISO 10642 quality A4 resistance class 70, yield stress 450 N/mm².

(b). Conditions of Manufacture - Routine Tests

- Routine tests are not required

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16. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report Ref: 102781673UDI-001B Issue: 00 Dated: March 2017

17. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
Dimension drawing XTOUCH Type: Control station XTOUCH	XTOUCH005	0	27-Oct-2016
Safety instruction Pendant Stations ATEX – IEC Ex	Safety instruction X touch	0	11-Nov-2016
Technical note Pendant station ATEX - IEC Ex	Technical note X touch	0	12-02-2017
Dimension drawing XTOUCH Type: MARKING XTOUCH ATEX-IECEX	XTOUCH001	0	09-Nov-2016

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