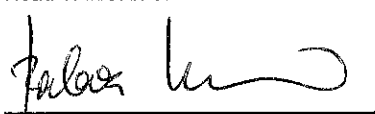





IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEX CES 11.0029U	issue No.:0	Certificate history:
Status:	Current		
Date of Issue:	2011-12-05	Page 1 of 4	
Applicant:	CORTEM S.p.A. Via Aquileia 10 I - 34070 Villesse (GO) Italy		
Electrical Apparatus: Optional accessory:	Command actuators series M-0603, M-0604 and M-0605		
Type of Protection:	Increased safety "e"; Dust ignition protection "t"		
Marking:	Ex e IIC Gb Ex tb IIIC Db IP66		
Approved for issue on behalf of the IECEx Certification Body:	Mirko Balaz		
Position:	Head of IECEx CB		
Signature: (for printed version)			
Date:			

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

CESI
Centro Elettrotecnico
Sperimentale Italiano S.p.A.
Via Rubattino 54
20134 Milano
Italy

CESI




IECEx Certificate of Conformity

Certificate No.: IECEx CES 11.0029U

Date of Issue: 2011-12-05

Issue No.: 0

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Manufacturer: **CORTEM S.p.A.**
Via Aquileia 10
I - 34070 Villesse (GO)
Italy

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5
IEC 60079-31 : 2008 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
Edition: 1
IEC 60079-7 : 2006-07 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition: 4

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

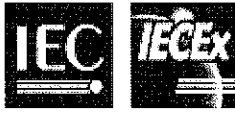
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

IT/CES/ExTR11.0030/00

Quality Assessment Report:

IT/CES/QAR06.0002/05



IECEX Certificate of Conformity

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Command actuators series M-0603, M-0604 and M-0605 for Ex e housing are used as external devices that passing through enclosure wall, which must have a hole of diameter 32mm and thickness between 1mm and 10mm. With these conditions the operators have a protection degree IP66.

The actuators are essentially made by an axial shaft which is mounted in a body. This assembly is then mounted and mechanically locked by ring nut in an adequate centre (diameter 32mm with tolerances +0.00mm, +0.10mm).

Push button and emergency maintained push button have axial motion. Maintained push button have an axial motion when push-it, then lock. For unlock must rotate clockwise and it returns automatically in original position. Selector have a rotary motion so to provide closing or opening of various electrical or mechanical devices mounted internally on enclosures.

Model Identification:

M-0603 : Push button actuator;

M-0604 : Selector actuator;

M-0605 : Maintained push button actuator.

Technical characteristics:

- Diameter of enclosure through-hole: 32 mm
- Service Temperature Range: - 40 + + 90 °C
- Degree of protection: IP 66 (IEC 60529)

CONDITIONS OF CERTIFICATION: NO



IECEX Certificate of Conformity

Certificate No.: IECEx CES 11.0029U

Date of Issue: 2011-12-05

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EQUIPMENT(continued):

Schedule of limitations for components:

- Rated service temperature range: from -40°C to + 90°C.
- The command actuators must be assembled on the cover or walls of metallic and/or plastic enclosures, IECEx certified, for group IIC, with increased safety type of protection (Ex"e") and group III (dust) with suitable degree of protection IP.
- Command actuators shall be mounted on the enclosure with thickness from 1mm to 10mm and a hole of diameter 32mm with tolerances +0 mm / +0,10 mm.
- When the component are installed on to the electrical apparatus, care must be taken that the temperatures at the mounting place are within the service temperature range.
- The safety instruction provided by Manufacturer shall be strictly respected.