



Milano, 14/03/2019

Our ref.: PB/pb/CE-30E_2019 rev. B

Your ref.:

Subject: **EU Declaration of conformity**



Manufacturer's name:	I.L.M.E. S.p.A. – Industria Lombarda Materiale Elettrico
Address:	via Marco Antonio Colonna, 9 – 20149 Milano – Italia
Object of declaration:	TM-Ex series wall-mounted interlocked switched socket-outlets for industrial use
Product codes:	TM 16a3 ISX, TM 16a4 ISX, TM 16a5 ISX TM 16a3 SPX, TM 16a4 SPX, TM 16a5 SPX TM 32a3 ISX, TM 32a4 ISX, TM 32a5 ISX TM 32a3KSPX, TM 32a4KSPX, TM 32a5KSPX TM 63a3 ISX, TM 63a4 ISX, TM 63a5 ISX TM 63a3 SPX, TM 63a4 SPX, TM 63a5 SPX a = 4, 6, 7, 9 = clock position
ATEX classification:	Group II, category 3 devices
Identification marking of the mode of protection:	Ex II 3D – Ex tc IIIC T65°C Dc IP66/IP67
Ambient temperature:	da -25 °C a + 40 °C
Degree of protection:	IP66/IP67
Impact resistance:	10 J

We hereby declare under our own responsibility that the above listed products meet the requirements of the following harmonized standards:

Standard	Title
EN 60309-1:1999 EN 60309-1/A1:2007 EN 60309-1/A2:2012	Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements
EN 60309-2:1999 EN 60309-2/A1:2007 EN 60309-2/A2:2012	Plugs, socket-outlets and couplers for industrial purposes – Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories
EN 60309-4:2007 EN 60309-4/A1:2012	Plugs, socket-outlets and couplers for industrial purposes – Part 4: Switched socket-outlets and connectors with or without interlock
EN 60079-0:2012 EN 60079-0/A11:2013	Explosive atmospheres – Part 0: Equipment – General requirements
EN 60079-31:2014	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure “t” intended for use in the presence of combustible dusts

They therefore meet the basic safety requirements of European Directive 2014/34/EU (ATEX Directive). In particular, based on the above ATEX classification, the devices are designed, built and tested in compliance with Annex VIII of the European Directive 2014/34/EU. The devices also meet the basic safety requirements of the European Directive 2014/35/EU (Low Voltage Directive).

ADDITIONAL INFORMATION

The products are classified as **group II** (surface industries), **category 3D** (dusts) according to the requirements of Directive ATEX 2014/35/EU and they are therefore suitable for use in all areas classified as **zone 22** for dusts. They can be installed stand-alone or in single or multiple combinations (max 2 socket-outlets) with a suitably sized **TM-Ex** junction box, part No. TM 1114 DBX (for a small size socket-outlet), TM 1414 DB (for a large size socket-outlet), TM 2314 DBX (for two small size socket-outlets), TM 2614 DBX (for one small size socket-outlet and one large one) and TM 2914 DBX (for two large size socket-outlets). For the operating conditions, please refer to the installation, operating and maintenance instructions which this Declaration of Conformity is an integral part of, together with those relating to the additional junction box specified above.

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(last two digits of the year in which the marking was affixed)

I.L.M.E. S.p.A.
President and CEO

