


The JM and GM ( $\leq 600V$ ) series motors are supplied for use in environments with potentially explosive atmospheres according to ATEX 94/9/EC directive group II category 3D for zone 22 / 3G zone 2.

As standard, PTC 130°C and certified cable glands are installed ATEX.

Marking plate:

 ATEX II 3D Ex tc IIC T125°C Dc IP65 zone 22

 ATEX II 3G Ex ec IIC T3 Gc zone 2

On request, the execution is possible  ATEX II 3G Ex ec IIC T4 Gc.

Legend:

**II** = Group of origin (use on surface);

**3** = Protection category;

includes equipment designed to operate in accordance with the operating parameters established by the manufacturer and to ensure a normal level of protection; it may only be used in classified areas 2 or 22 non-conductive powders.

**D** = Powders per installation zone Dc (zona 22);

**G** = Gas per installation zone Gc (zona 2);

**tc / ec** = protection mode;

**IIC / IIC** = equipment group of origin according to the nature of the explosive atmosphere;

**T135°C** = maximum surface temperature for atmospheres with presence of dust;

**T3 / T4** = temperature class for atmospheres with presence of gas.

For inverter applications. it is always necessary to connect the supplied temperature probes to meet the thermal classes indicated in the marking.

The purchaser of the product will be responsible for taking appropriate technical and organisational measures and for assessing any possible risk of explosion to the health and safety of workers in potentially explosive areas (Directive 99/92/EC).

On receipt of the electric motor, make sure there is no damage or faults.

Before starting the motor, check the data on the plate, read the instruction manual carefully (supplied to the motor) and verify its suitability for the application requested