

Product Marking

EU PRODUCT MARKING



Approval Symbol

Equipment Group

Gas or Dust

Type of Protection

Gas or Dust Group

Temperature Classification

- II 1 Very high protection
- II 2 High protection
- II 3 Normal protection

- G Gas
- D Dust

- Ex ia Intrinsic safety
- Ex ib Intrinsic safety
- Ex e Increased safety
- Ex d Flameproof
- Ex p Pressurisation
- Ex q Powder filling
- Ex m Encapsulation
- Ex o Oil immersion
- Ex n Type 'n'

- I Methane (mining only)
- II A Propane
- II B Ethylene
- II C Hydrogen / Acetylene
- III A Combustible Flyings
- III B Non-conductive Dust
- III C Conductive Dust

- T1 450°C
- T2 300°C
- T3 200°C
- T4 135°C
- T5 100°C
- T6 85°C

US / CANADA PRODUCT MARKING

Method of Protection

Explosionproof with I.S. Outputs,

Class I Division 1, Groups A,B,C,D, T5

Permitted Class and Division

- Class I Division 1** Explosive Gases; Gases normally present in explosive amounts
- Class I Division 2** Explosive Gases; Gases not normally present in explosive amounts
- Class II Division 1** Explosive Dusts; Dusts normally present in explosive amounts
- Class II Division 2** Explosive Gases; Dusts not normally present in explosive amounts

Permitted Gas or Dust Group

- Group A** Acetylene
- Group B** Hydrogen
- Group C** Ethylene and related products
- Group D** Propane and alcohol products
- Group E** Metal dust
- Group F** Coal dust
- Group G** Grain and non-metallic dust

Temperature Classification

- T1 450°C
- T2 300°C
- T3 200°C
- T4 135°C
- T5 100°C
- T6 85°C