

ATEX classification

EDN -Nr.	20.2		
Data	07/03/08		
Vers.	EN		

Marking according to Directive 94/9/EC (ATEX)

⟨Ex⟩	II	3	G, D
Electrical apparatus for potentially explosive atmospheres	Group II: Electrical apparatus for places with a potentially explosive atmosphere, other than mines susceptible to firedamp	Category 3: comprises equipment designed for use in areas in which explosive atmospheres are likely to do so only infrequently and for a short period only	G = Explosive atmospheres caused by gases, vapour or mists D = Explosive atmospheres caused by a cloud of combustible dust

Marking according to Standard CEI EN 60079-15

Ex	n	A	II	T4	X
Electrical apparatus for potentially explosive atmospheres	Type of protection õnö	Non-sparking apparatus	Group II: Electrical apparatus for places with a potentially explosive atmosphere, other than mines susceptible to firedamp	Temperature class: maximum surface temperature 135°C	Special conditions for safe use (ambient temperature -15÷ +40°C, clean with a mist cloth)

Marking according to Standard CEI EN 61241-1

Ex	tD	A	22	IP54	T135	X
Electrical apparatus for potentially explosive atmospheres	Protection by enclosures "tD"	Practice adopted to assure the level of protection	Zone of installation	Degrees of protection provided by enclosures	Maximum surface temperature 135°C	Special conditions for safe use (ambient temperature - 15÷ +40°C, clean with a mist cloth)