



ORION FANS

EC ATEX / ORION EC Fan ATEX directives Marking

ORION EC Fan ATEX directive marking shown in blue below –

	II	3	G	Ex	nA	IIC		Gc
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)

[Description]

(1) ATEX / ATEX directive EU Marking

(2)

Device Group	Description
I	For use in underground mines
II	For use in all other places

(3)

Product Category	Description
1	Explosive atmospheres are present continually or for long periods or frequently.
2	Explosive atmospheres are likely to occur under normal operations, occasionally.
3	Zone 2 (Gas) Zone 22 (Dust) Equipment that is intended for use in areas where an explosive atmosphere is unlikely to occur in normal operation and must ensure a normal level of protection.

(4)

Explosive Atmosphere	Description
G	Gas Equipment certified for use in flammable gases
D	Dust

(5) Ex: Compliance with EU ATEX standard



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(6)

Type of Protection	Description
nA	non-sparking

(7)

Explosive Group- Gas only	Level	Description
IIC	Most easily ignited	Like hydrogen

(8) Temperature Class- Device Group II only – Not applicable for ORION product

(9)

Equipment Protection Level; EPL	ATEX	Description
Gc	Zone 2	Equipment for explosive gas atmospheres, having a 'enhanced' level of protection, which is not a source of ignition in normal operation and which may have some additional protection to ensure that it remains inactive as an ignition source in the case of regular expected occurrences (like office in gas station)