

ALUBOX-EX Series



1
2
3
ATEX [Ex II 3 GD]


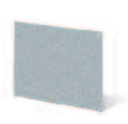

JUNCTION BOXES



Suitable for outdoor use.

- Supplied with enclosure earthing kit.
- Use only non-sparking components and cable glands compliant with the ATEX directive.

VERSIONS

	Enclosure IP66
	Mounting plates
	DIN rail kit

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Limited Resistance	Limited Resistance	Limited Resistance	Resistant	Resistant	Resistant

For specific substances please contact our technical service.

REFERENCE STANDARDS

ATEX
EN 60079-0
Electrical apparatus for use in the presence of combustible dust.
Part 0: General requirements.

ATEX
EN 60079-15
Electrical apparatus for use in the presence of combustible dust.
Part 15: Equipment protection by type of protection "n".

ATEX
EN 60079-31
Electrical apparatus for use in the presence of combustible dust.
Part 31: Protection by enclosures 'tD'.

EN 60670-22
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations.
Part 22: particular requirements for connecting boxes and enclosures.

TECHNICAL CHARACTERISTICS

ATEX Code:	Ex II 3 GD
Type of EX protection:	Ex nA IIC T6 Gc Ex tc IIIC T90°C Dc IP66 Ta -20°C / +40°C
Operating temperature according to the reference standard:	-20°C +40°C
Maximum permissible surface temperature:	T90°C
Protection degree:	IP66
Impact resistance:	Low mechanical risk (4J)
Material:	Aluminium alloy
IK degree at 20°C:	IK08
Cable inlets:	Blank sides
DIN rail fixing:	Yes
Colour:	RAL 7037
CE Certification type:	SCAME ATEX 01U