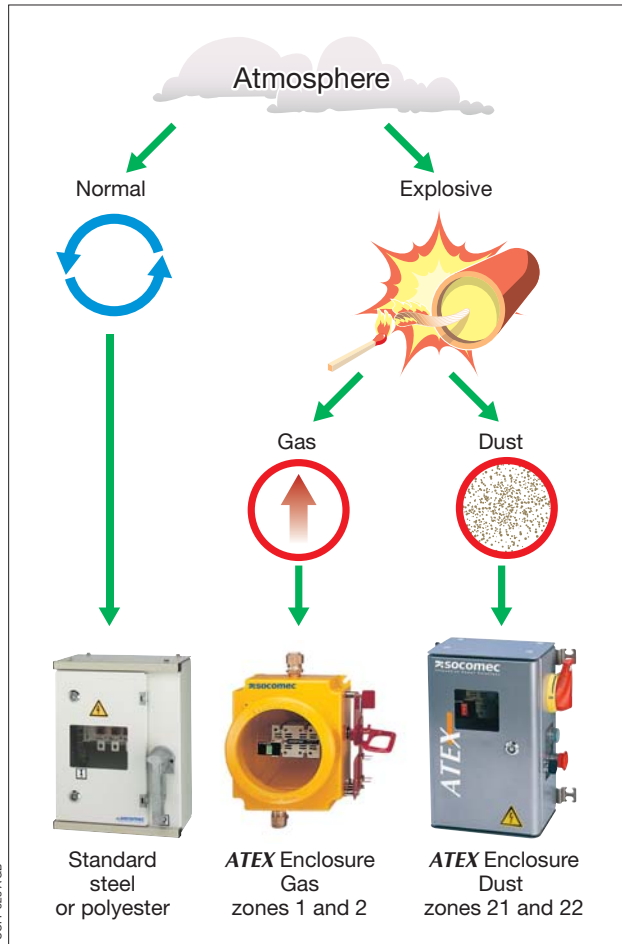


ATEX Enclosures Safety in an **explosive** atmosphere



SOCOMECC : **ATEX ENCLOSURE** SAFETY

Leader in the field of localised safety cut-outs, SOCCOMECC innovates by perfecting a new range dedicated to safety in **ATEX** “dust” environments.



> Socomecc ATEX enclosures provide:

- emergency cut-off,
- cut-off for mechanical maintenance,
- and the safety sectioning around any LV terminal fitted in an explosive dust zone.

> Our range

- Standard safety enclosure: switches from 50 to 1600A 3,4 and 6-pole,
- ATEX enclosure - Gas: switches from 50 to 400A 3 or 4-pole,
- ATEX enclosure - Dust: switches from 50 to 630A 3, 4 and 6-pole.

SPECIAL CONFIGURATIONS

Your SOCCOMECC representative is ready to provide expertise and know-how.

For more information: www.socomecc.com

EASY TO CONFIGURE

Configurable auxiliaries and adapted accessories, removable on site.

> Wired auxiliary contacts

- Preliminary cut-out and signalling of positions 0 and 1,
- Factory fitted.

> Control auxiliaries “zone 21 and 22” factory fitted on request

- “On” or “Off” push button,
- Emergency stop,
- Position selectors,
- Indicator lights,
- Factory fitted.

> Cable glands and locknuts “zone 21 and 22”

- Polyamide or nickel-brass,
- Diameters 12 to 63 mm (ISO),
- Can be factory fitted.



COFF 315 A

A DEDICATED **QUALITY MANAGEMENT**

To meet directive 94/9/CE SOCCOMECC is emphasizing a specific organisation: dedicated production line, trained personnel, 100 %, traceable tests.



EASILY CONNECTED

- The space available inside the enclosures simplifies connection operations.
- The large dimensions of the lower closure plate facilitates the fitting of cable glands.
- The interconnection of the earth cables is achieved by connecting to an internal earth bar.
- BB type connection: input cable raised to the upper slots of the switch for ≤ 80 A ratings, set of downward facing copper bars for (+ 80 A, 6 pole) 200 A ratings with protective shield.
- Mounting and wiring on terminals of the auxiliaries made in factory.
- Factory fitted cable glands on request.



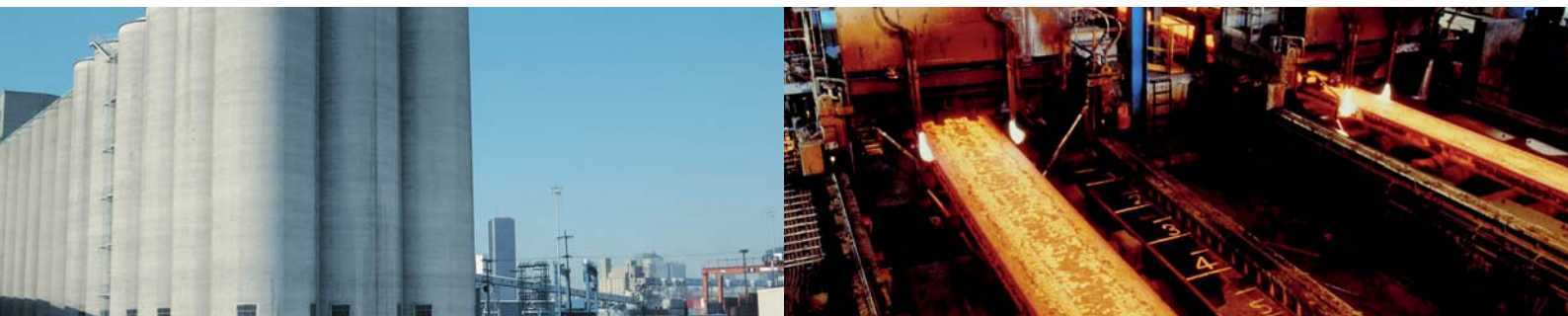
COFF 328 A

RESISTANT

- The enclosures are made from 2 mm thick electrogalvanised steel (interior, door, closure panels).
- Anti-corrosion protection is ensured by an epoxy-polyester powder coat polymerised in an oven at 180 °C.
- The door is fitted to hidden welded hinges, making it impossible to be removed from the outside.
- The window is shatterproof glass, it makes it possible to view the switch contacts whilst ensuring a high level of robustness.
- The construction of our safety enclosures can withstand a maximum surface temperature of 85°C, compatible with installation in type 21 and 22 explosive dust environments.
- Automated seal installation for:
 - door,
 - glass window,
 - closing plates.
- Sealing plate for control buttons.
- The sealing of each enclosure, fitted with or without accessories (cable glands, push buttons), is checked in the factory before being sent out.



COFF 327 A



ATEX Enclosures

Safety in an explosive atmosphere

EASY TO INSTALL

Secure connections and commissioning with a well equipped enclosure.

RESISTANT

A secure enclosure, equipment and fittings adapted to an aggressive and dusty environment.

BUILT FOR SAFETY

Thanks to the dedicated cut-off equipment, the user can operate on the equipment quickly and safely.



Developed and industrialised in accordance with directive 94/9/CE and standards EN 50281-1-1 and EN 50281-1-2 EN 50014

EC type-examination certificate number: INERIS 06ATEX0067

Our equipment is CE marked in accordance with the directive 94/9/CE:



II 2 D - Ex tD A21 IP65 T85°C



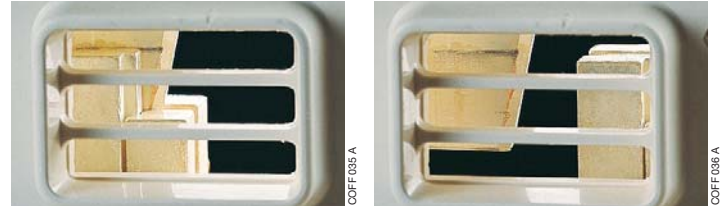
DETECTABLE CUT-OFF

Handle indicates clearly position of contacts, guaranteeing switch operation.



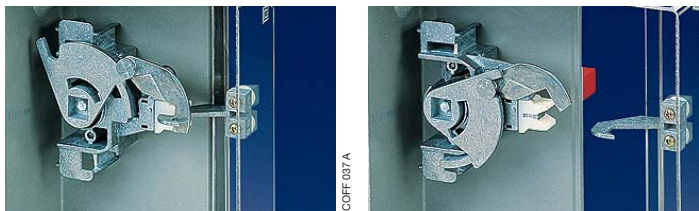
VISIBLE CUT-OFF

The technology of the contacts, positioned in parallel on a movable bar, make it possible to check the contacts are correctly separated.



DOUBLE LOCKING

This prevents the switch from being closed if the enclosure is open, but also prevents the enclosure from being opened if the switch is closed. This system is tamperproof. Qualified personnel may unlock it with a special tool (CEI 60439-1).



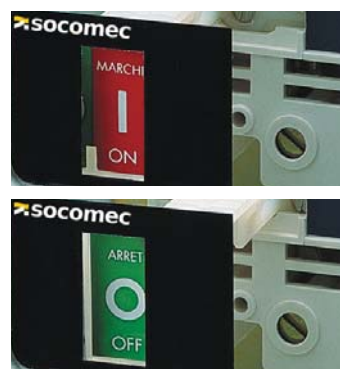
TRIPLE SAFETY HANDLE

It allows the installation to be locked by 3 locks when the switch is in the opened position.



MECHANICAL INDICATOR

It is positioned on the end of the movable bar supporting the contacts. It indicates the real position of all the contacts, with no possibility for error.



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