

ATEX enclosures



II2D - Ex tD A21 IP65 T85°C

Area 21 and 22 (dust)
according to the ATEX 94/9/CE
European Directive
Category 2



coff_280_b_1_cat

Functions

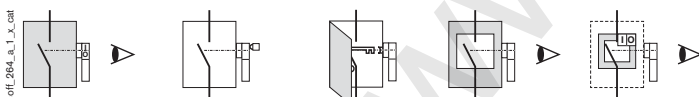
ATEX enclosures equipped with SOCOMEC switches provide emergency breaking, breaking for mechanical maintenance and safety isolation in the vicinity of any low voltage final circuit installed in a explosive area.

They offer the following features:

- fully visible breaking,
- visible breaking,
- triple locking of the handle,
- double door locking for side operation,
- mechanical flag indicator.

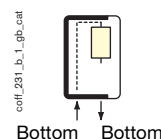
Conformity to standards

- 94/9/CE Directive
- EN 50 281-1-1
- EN 50 281-1-2
- EN 50014
- EN 60204-1
- EN 60439-1
- EN 60695-2-11
- EN 60947-3
- NF C 15-100
- IEC 60364



coff_264_a_1_x_cat

Connection



coff_281_b_1_gb_cat

Bottom Bottom

SIDER with side operation

General characteristics

- Adapted to mechanical hazards and dust environment.
- Load break switch: SIDER/SIDER ND with visible breaking and mechanical flag indicator.
- Handle: S type handle, red colour.
- Protection degree: IP65.
- Colour: metallic grey.
- Cable gland plate: bottom.
- Raw material: galvanised steel, thickness 2 mm.
- Coating: epoxy polyester powder.
- Wall mounting: 4 fixing lugs supplied loose.
- Locking system: 8 mm male square (key supplied). For lock, please consult us.
- Miscellaneous: earthing bolts, 2 internal points connections, top configuration, connection through busbar system (range > 80 A).
- Installation of push-buttons and signaling lights (1 to 4) on the right side of the enclosure: please consult us.
- Installation of push-buttons and signaling lights (1 to 2) on the front door of the enclosure: please consult us.
- Installation of plastic or brass cable glands: please consult us.
- Auxiliary contact and push-button wired on terminal: please consult us.

References

Rating (A)	No. of poles	References
50	3 P	3V41 3005
50	4 P	3V41 4005
80	3 P	3V41 3008
80	4 P	3V41 4008
80	6 P	3V41 6008
125	3 P	3V51 3012
125	4 P	3V51 4012
160	6 P	3V51 6020
200	3 P	3V51 3020
200	4 P	3V51 4020
400	3 P	3V51 3040
400	4 P	3V51 4040
630	3 P	3V51 3063
630	4 P	3V51 4063



► Accessories

Cable glands ATEX



References

Black polyamide

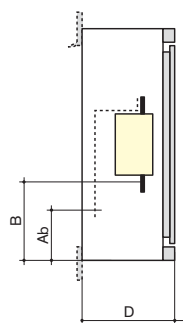
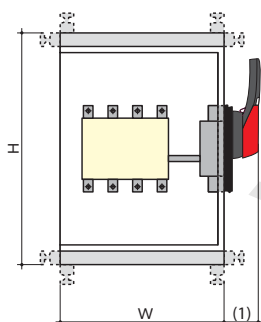
Diameter (mm)	Cable diameter		References	References
	min. (mm)	max. (mm)		
12	3.5	6	3240 1012	3240 3012
16	5	8	3240 1016	3240 3016
16	6	10	3240 1017	-
20	8	13	3240 1020	3240 3020
20	10	15	3240 1021	-
25	13	19	3240 1025	3240 3025
32	18	25	3240 1032	3240 3032
40	24	32	3240 1040	3240 3040
50	29	38	3240 1050	3240 3050



Crude brass

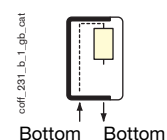
Diameter (mm)	Cable diameter		References	References
	min. (mm)	max. (mm)		
10	1.5	5	3240 2010	3240 4010
12	4	8	3240 2012	3240 4012
16	6	11	3240 2016	3240 4016
20	7.5	13	3240 2020	3240 4020
25	12.5	18	3240 2025	3240 4025
32	17.5	25	3240 2032	3240 4032
40	24.5	33	3240 2040	3240 4040

► Dimensions



50 ... 400 A: 45 mm
630 A: 61 mm

Connection



Side operation

Rating (A)	No. of poles	H x W x D (mm)	Max. cond. section	Ab	B	Weight (kg)
50	3/4 P	350 x 225 x 150	16	288	198	8.2
80	3/4 P	350 x 225 x 150	35	288	198	8.4
80	6 P	500 x 425 x 200	35	288	198	22.8
125	3/4 P	500 x 425 x 200	120	225	-	15
160	6 P	500 x 425 x 200	120	242	275	22.8
200	3/4 P	500 x 425 x 200	120	242	275	21.2
400	3/4 P	700 x 500 x 250	2 x 150	340	385	35.4
630	3/4 P	700 x 500 x 300	2 x 300	262	313	48

Please consult us for deliveries with accessories.