

# Enclosed load break switches

- Safety enclosures
- ATEX enclosures
- ▶ Enclosed load break switches
- Enclosed changeover switches
- ATyS 3 enclosed range
- ATyS 6 enclosed range
- Enclosed fuse switches
- Customised solutions



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## Functions

Enclosed switches with SOCOMEC switches provide emergency breaking, breaking for mechanical maintenance and safety isolation in the vicinity of any low voltage final circuit.

They offer the following features:

- fully visible breaking
- triple locking of the handle.

## Conformity to standards

- IEC 60364
- EN 60204-1
- EN 60439
- EN 60695-2-11

## General characteristics

Material	Steel	Polyester
Environment		
Chemical attack		•
Mechanical risk	•	
Dust hazard	•	
Contamination hazard		•
Atmospheric corrosion		•

- **Steel enclosure**
  - Steel 1.2, 1.5 or 2 mm thick depending on model
  - 2 earth connection points
  - IP55, Ik 10.
- **Plastic or polyester enclosure**
  - high comparative tracking index
  - high resistance to chemicals
  - self-extinguishing at 960°C
  - 2 earth connection points
  - IP55, Ik 10.

### ▶ Steel enclosure



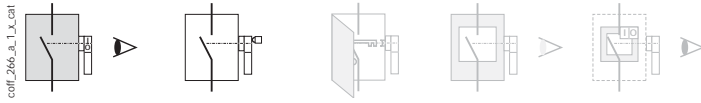
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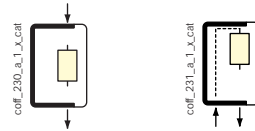
#### General characteristics

- Load break switch: COMO, SIRCO VM or SIRCO
- Handle: black plastic
- Protection degree: IP55 / Ik 10
- Colour: polyester powder RAL 7032
- Cable gland plate: none (range ≤ 100 A) ; top and bottom (range > 100 A)
- Material: 15 to 20/10 mm thick sheet metal
- Coating: epoxy polyester powder
- Wall mounting: 4 holes in the back
- Door: solid with hinges
- Locking system: 4 screws (range ≤ 100 A) ; 3 mm double-bar key (key supplied, range > 100 A)
- Miscellaneous: disconnectable solid neutral link for 3+N, extension boxes for incoming and/or outgoing connections available, IP20 incoming terminal shrouds.

Please consult us.



► Polyester enclosure



Front operation

References<sup>(1)</sup>

Rating (A)	References	
	SIRCO with TB connection	SIRCO with BB connection
3 x 125	3115 3012	3125 3012
4 x 125	3115 4012	3125 4012
3 x 160	3115 3016	3125 3016
4 x 160	3115 4016	3125 4016
3 x 250	3115 3025	3125 3025
4 x 250	3115 4025	3125 4025
3 x 400	3115 3040	3125 3040
4 x 400	3115 4040	3125 4040
3 x 500	3115 3050	3125 3050
4 x 500	3115 4050	3125 4050

(1) Combined fuse version: please consult us.  
Electrical characteristics: see pages A.60.  
TB = Top/Bottom connection.  
BB = Bottom/Bottom connection.

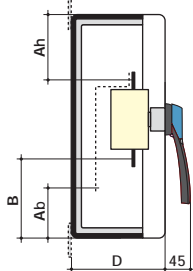
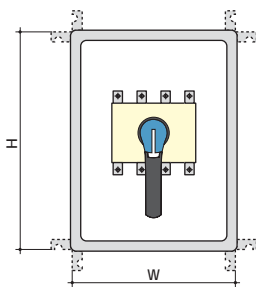
General characteristics

- Load break switch: SIRCO
- Handle: black plastic
- Protection degree: IP55
- Colour: RAL 7030
- Cable gland plate: none
- Raw material: glass fibre reinforced polyester
- Coating: none
- Wall mounting: 4 fixing lugs supplied, not mounted
- Locking system: screws
- Miscellaneous: "Bottom-Bottom" configuration, connection through busbar system (range > 80 A).

Dimensions

TB connection BB connection

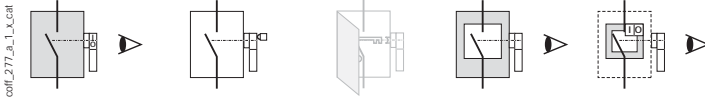
Rating (A)	H x W x D (mm)	Max. cond. section (mm <sup>2</sup> )	TB connection			BB connection		
			Ah	B	Weight (kg)	Ab	B	Weight (kg)
3 x 125 / 4 x 125	360 x 270 x 171	50	120	125	5			
3 x 125 / 4 x 125	360 x 270 x 201	50				165	205	6
3 x 160 / 4 x 160	360 x 270 x 171	95	120	125	5			
3 x 160 / 4 x 160	360 x 270 x 201	95				165	205	6
3 x 250 / 4 x 250	540 x 360 x 171	150	200	210	8			
3 x 250 / 4 x 250	540 x 360 x 201	150				280	360	10
3 x 400 / 4 x 400	720 x 540 x 201	240	257	258	18	315	441	23
3 x 500 / 4 x 500	720 x 540 x 201	240	252	253	18	315	426	24



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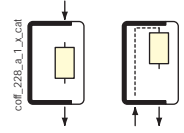
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## ▶ Plastic enclosure

- Enclosure equipped with SIDER switch



### Side operation TB or BB connection



Enclosure equipped with a SIDER 3 x 50 A switch with TB or BB connection.

### References<sup>(1)</sup>

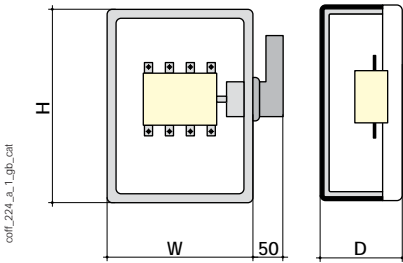
Rating (A)	References
4 x 32	3275 4003
3 x 50	3275 3005
4 x 50	3275 4005
3 x 63	3275 3006
4 x 63	3275 4006
3 x 80	3275 3008
4 x 80	3275 4008

(1) Cover closed by a screw, no hinges.

**Electrical characteristics: please consult us.**

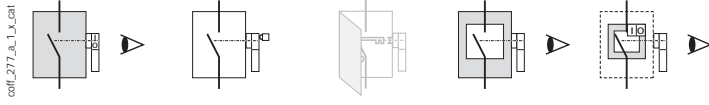
TB = Top/Bottom connection.

BB = Bottom/Bottom connection.



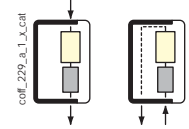
### Dimensions

Rating (A)	H x W x D (mm)	Max. cond. section (mm <sup>2</sup> )	TB or BB connection	
			Optional AC	Weight (kg)
4 x 32	125 x 175 x 100	4	/	0.8
3 x 50	175 x 175 x 100	16	2 OF	0.9
4 x 50	175 x 175 x 100	16	2 OF	0.9
3 x 63	250 x 175 x 100	16	2 OF	1.0
4 x 63	250 x 175 x 100	16	2 OF	1.1
3 x 80	250 x 175 x 100	35	2 OF	1.2
4 x 80	250 x 175 x 100	35	2 OF	1.2



► Plastic enclosure

- Enclosure equipped with SIDER enclosed fuse switch



Side operation  
TB or BB  
connection

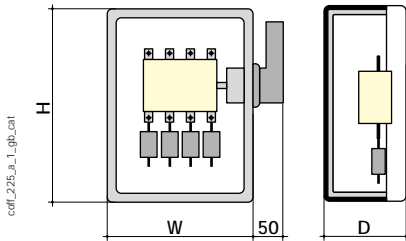


References<sup>(1)</sup>

Rating (A)	References
3 x 32	3276 3003
4 x 32	3276 4003
3 x 50	2976 3005
4 x 50	2976 4005

(1) Cover closed by a screw, no hinges.  
Electrical characteristics: please consult us.  
TB = Top/Bottom connection.  
BB = Bottom/Bottom connection.

Enclosure equipped with a SIDER 3 x 32 A enclosed fuse switch with TB or BB connection.



Dimensions

Rating (A)	H x W x D (mm)	Max. cond. section (mm <sup>2</sup> )	TB or BB connection	
			Optional AC	Weight (kg)
3 x 32	250 x 175 x 100	16	2 OF	1
4 x 32	250 x 175 x 100	16	2 OF	1.4
3 x 50	270 x 270 x 171	16	2 OF	2.9
4 x 50	270 x 270 x 171	16	2 OF	3.4