

SIRCOVER and SIRCOVER BY-PASS

125 to 3200 A

SIRCOVER 3 pole



SIRCOVER BY-PASS 4 pole



Fonctions

References

Accessories

Enclosed changeover switches

Characteristics

Dimensions

Functions

SIRCOVER products are manually operated multipolar changeover switches. They ensure switching, transfer of sources or transfer of two low voltage circuits on load as well as their safety disconnection.

SIRCOVER BY-PASS are manually operated changeover switches. They are a combination of three interlocked switches enabling the use with 3 + 6 pole or 4 + 8 pole. They insulate by providing simultaneous safety isolation top and bottom and by passing loads or low voltage circuits mainly during maintenance operations.

Conformity to standards

- IEC 60947-3
- EN 60947-3
- VDE 0660-107 (1992)
- NBN EN 60947-3
- BS EN 60947-3

Approvals and certifications⁽¹⁾

- Bureau Veritas
- BBJ Poland (attestation of verification)

(1) In progress for certain ratings.

General characteristics

- 3 stable positions (I, 0, II) or overlapping contacts on request (I, I+II, II), and on load changeover switching (AC-22 and AC-23).
- Fully visible breaking.
- IP20 device and accessories.

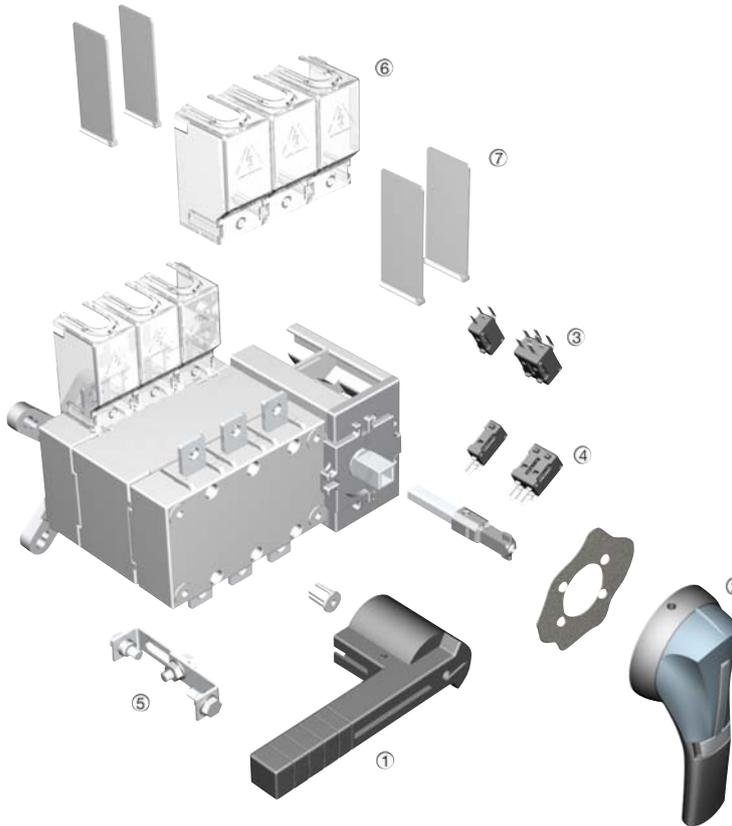
Available on request

- Devices 6 or 8 pole.
- For SIRCOVER BY-PASS, devices with overlapping (make before break) contacts (I, I+II, I).
- Devices with over-sized neutral e.g.: 3 x 250 A + N 400 A.
- Devices with advanced neutral.



Illustrations

- SIRCOVER 125 to 3 200 A

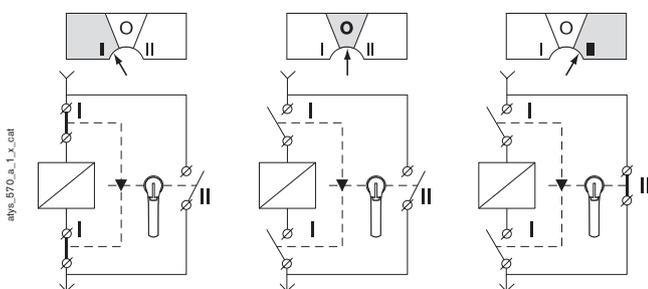


Overview (for further details, please see the installation instructions supplied with each device).

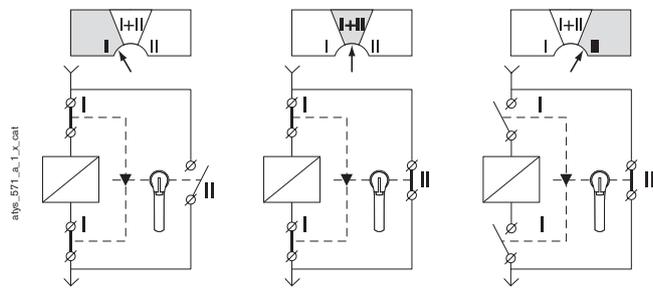
1. Direct front handle.
2. Door interlocked external front handle.
- 3 and 4. Auxiliary contacts.
5. Bridging bar.
6. Terminal shrouds.
7. Inter phase barrier.

Typical application

- SIRCOVER BY-PASS 125 to 1600 A



SIRCOVER BY-PASS (I, 0, II)



SIRCOVER BY-PASS with overlapping contacts (on request)

SIRCOVER and SIRCOVER BY-PASS

125 to 3200 A

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Accessories

Enclosed changeover switches

Characteristics

Dimensions

References

► **SIRCOVER I-O-II**

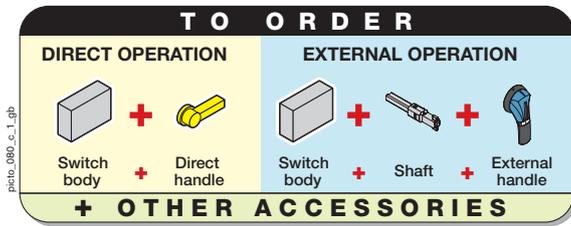


Rating (A)	No. of poles	Switch body only	Direct handle	Door interlocked external handle	Shaft extensions for external handle	Bridging bars	Auxiliary contacts ⁽¹⁾	Terminal shrouds ^(2/3)	Terminal screens ⁽⁴⁾							
125	3 P	4100 3013 ⁽⁵⁾	Black* 4199 5012	S2 type Black IP55* 1421 2113	200 mm 1400 1020	3 P 4109 3019	1 st /2 nd contact NO/NC 4109 0021	3 P 2694 3014	3 P 1509 3012							
	4 P	4100 4013 ⁽⁵⁾								4 P 4109 4019	4 P 2694 4014	4 P 1509 4012				
160	3 P	4100 3016 ⁽⁵⁾				4 P 4109 4025		320 mm* 1400 1032	4109 3025				3 P 2694 3021	3 P 1509 3025		
	4 P	4100 4016 ⁽⁵⁾								4109 3039	4 P 2694 4021	4 P 1509 4025				
200	3 P	4100 3019				4109 3050		4109 4039	4109 3050				3 P 2694 3051	3 P 1509 3063		
	4 P	4100 4019								4109 4050	4109 3063	4 P 2694 4051			4 P 1509 4063	
250	3 P	4100 3025 ⁽⁵⁾				Black* 2799 7052		S4 type Black IP65* 1443 3113	200 mm 1401 1520				4109 3080	/		4 P 1509 3080
	4 P	4100 4025 ⁽⁵⁾								4109 4120	4 P 1509 4080					
400	3 P	4100 3039 ⁽⁵⁾										3 P 4109 3160	320 mm* 1401 1532		4109 3160	3 P 1509 3160
	4 P	4100 4039 ⁽⁵⁾								4 P 4109 4160	4 P 1509 4160					
500	3 P	4100 3050 ⁽⁵⁾										Black* 2799 7012	Black IP65* 2799 7146		320 mm* 2799 3018	(6)
	4 P	4100 4050 ⁽⁵⁾														
630	3 P	4100 3063 ⁽⁵⁾														
	4 P	4100 4063 ⁽⁵⁾														
800	3 P	4100 3080 ⁽⁵⁾														
	4 P	4100 4080 ⁽⁵⁾														
1250	3 P	4100 3120 ⁽⁵⁾														
	4 P	4100 4120 ⁽⁵⁾														
1600	3 P	4100 3160 ⁽⁵⁾														
	4 P	4100 4160 ⁽⁵⁾														
1800	3 P	4100 3180														
	4 P	4100 4180														
2000	3 P	4100 3200														
	4 P	4100 4200														
2500	3 P	4100 3250														
	4 P	4100 4250														
3200	3 P	4100 3320														
	4 P	4100 4320														

* Standard. (1) 2 pieces supplied per kit, one for position I and one for position II. (2) To shroud front switch top and bottom 2 references required. (3) To fully shroud front, rear, top and bottom 4 references required. (4) One piece supplied per kit. To screen top and bottom 2 refs required. (5) Available enclosed (see page A.104 "Enclosed changeover switches"). (6) See page A.101 "Copper bars connection kits".

For more informations: see "Accessories" pages.

Changeover switches SIRCOVER and SIRCOVER BY-PASS



References

► SIRCOVER I - I+II - II



Rating (A)	No. of poles	Switch body only	Direct handle	Door interlocked external handle ⁽⁶⁾	Shaft extensions for external handle	Bridging bars	Auxiliary contacts ⁽¹⁾	Terminal shrouds ⁽²⁾⁽³⁾	Terminal screens ⁽⁴⁾
125	3 P	4190 3013 ⁽⁵⁾	Black* 4199 5012	S2 type Black IP65* 1423 2114	200 mm 1400 1020	3 P 4109 3019	1st/2nd contact NO/NC 4109 0021	3 P 2694 3014	3 P 1509 3012
	4 P	4190 4013 ⁽⁵⁾							
160	3 P	4190 3016 ⁽⁵⁾				4 P 4109 4019		4 P 2694 4014	4 P 1509 4012
	4 P	4190 4016 ⁽⁵⁾							
200	3 P	4190 3019				4 P 4109 4019		4 P 2694 4014	4 P 1509 4012
	4 P	4190 4019							
250	3 P	4190 3025 ⁽⁵⁾				4 P 4109 4019		4 P 2694 4014	4 P 1509 4012
	4 P	4190 4025 ⁽⁵⁾							
400	3 P	4190 3039 ⁽⁵⁾				4 P 4109 4039		4 P 2694 4021	4 P 1509 4025
	4 P	4190 4039 ⁽⁵⁾							
500	3 P	4190 3050 ⁽⁵⁾				4 P 4109 4050		4 P 2694 4051	4 P 1509 4063
	4 P	4190 4050 ⁽⁵⁾							
630	3 P	4190 3063 ⁽⁵⁾				4 P 4109 4063		4 P 2694 4051	4 P 1509 4063
	4 P	4190 4063 ⁽⁵⁾							
800	3 P	4190 3080 ⁽⁵⁾				4 P 4109 4080		4 P 2694 4051	4 P 1509 4063
	4 P	4190 4080 ⁽⁵⁾							
1250	3 P	4190 3120 ⁽⁵⁾	4 P 4109 4120	4 P 2694 4051	4 P 1509 4063				
	4 P	4190 4120 ⁽⁵⁾							
1600	3 P	4190 3160 ⁽⁵⁾	4 P 4109 4160	4 P 2694 4051	4 P 1509 4063				
	4 P	4190 4160 ⁽⁵⁾							
1800	3 P	4190 3180	4 P 4109 4180	4 P 2694 4051	4 P 1509 4063				
	4 P	4190 4180							

* Standard.

(1) 2 pieces supplied per kit, one for position I and one for position II.

(2) To shroud front switch top and bottom 2 references required.

(3) To fully shroud front, rear, top and bottom 4 references required.

(4) One piece supplied per kit. To screen top and bottom 2 refs required.

(5) Available enclosed (see page A.104 "Enclosed changeover switches").

(6) Please note handle padlocks in centre position (I + II).

For more informations: see "Accessories" pages.

SIRCOVER and SIRCOVER BY-PASS

125 to 3200 A

References

Fonctions

References

Accessories

Enclosed changeover switches

Characteristics

Dimensions

► **SIRCOVER BY-PASS**



Rating (A)	No. of poles	Switch body only I-0-II	Direct handle	Door interlocked external handle	Shaft extensions for external handle	Bridging bars	Auxiliary contacts ⁽¹⁾	Terminal shrouds ⁽²⁾⁽³⁾	Terminal screens ⁽⁴⁾											
125	3 + 6 P	4100 7013 ⁽⁵⁾	Black* 4199 5012	S2 type Black IP55* 1421 2113	200 mm 1400 1020	3 P 4109 3019	1 st /2 nd contact NO/NC 4109 0021	3 P 2694 3014	3 P 1509 3012											
	4 + 8 P	4100 9013 ⁽⁵⁾								320 mm* 1400 1032	4 P 4109 4019	4 P 2694 4014	4 P 1509 4012							
160	3 + 6 P	4100 7016 ⁽⁵⁾			Black* 2799 7052	S3 type Black IP65* 1433 3113		200 mm 1401 1520	4109 3039	3 P 2694 3021	3 P 1509 3025									
	4 + 8 P	4100 9016 ⁽⁵⁾										320 mm* 1401 1532	4109 4039	4 P 2694 4021	4 P 1509 4025					
200	3 + 6 P	4100 7019						Black* 2799 7012	Black IP65* 4199 7146		200 mm 2799 3015	4109 3120	4 P 2694 4051	3 P 1509 3063						
	4 + 8 P	4100 9019													450 mm* 2799 3019	4109 4050	4 P 1509 4063			
250	3 + 6 P	4100 7025 ⁽⁵⁾									Black* 2799 7012	Black IP65* 4199 7146		200 mm 2799 3015	4109 3080	4 P 2694 4051	3 P 1509 3080			
	4 + 8 P	4100 9025 ⁽⁵⁾																450 mm* 2799 3019	4109 4080	4 P 1509 4063
400	3 + 6 P	4100 7039 ⁽⁵⁾												Black* 2799 7012	Black IP65* 4199 7146		200 mm 2799 3015	4109 3120	4 P 2694 4051	3 P 1509 3063
	4 + 8 P	4100 9039 ⁽⁵⁾																		
500	3 + 6 P	4100 7050 ⁽⁵⁾	Black* 2799 7012	Black IP65* 4199 7146			200 mm 2799 3015										4109 3063	4 P 2694 4051		3 P 1509 3063
	4 + 8 P	4100 9050 ⁽⁵⁾																		
630	3 + 6 P	4100 7063 ⁽⁵⁾			Black* 2799 7012	Black IP65* 4199 7146	200 mm 2799 3015			4109 3080							4 P 2694 4051			3 P 1509 3063
	4 + 8 P	4100 9063 ⁽⁵⁾																		
800	3 + 6 P	4100 7080 ⁽⁵⁾					Black* 2799 7012	Black IP65* 4199 7146	200 mm 2799 3015	4109 3080			4 P 2694 4051							3 P 1509 3080
	4 + 8 P	4100 9080 ⁽⁵⁾																		
1250	3 + 6 P	4100 7120 ⁽⁵⁾							Black* 2799 7012	Black IP65* 4199 7146	200 mm 2799 3015	4109 3120				4 P 2694 4051				3 P 1509 3080
	4 + 8 P	4100 9120 ⁽⁵⁾																		
1600	3 + 6 P	4100 7160 ⁽⁵⁾									Black* 2799 7012	Black IP65* 4199 7146		200 mm 2799 3015	4109 3160				4 P 2694 4051	3 P 1509 3160
	4 + 8 P	4100 9160 ⁽⁵⁾																		

* Standard.

(1) 2 pieces supplied per kit, one for position I and one for position II.

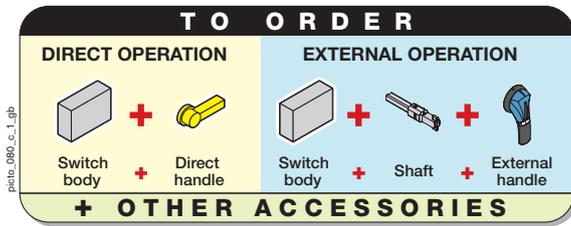
(2) To shroud front switch top and bottom 3 references required.

(3) To fully shroud front, rear, top and bottom 6 references required.

(4) One piece supplied per kit. To screen top and bottom 2 refs required.

(5) Available enclosed (see page A.105 "Enclosed changeover switches").

For more informations: see "Accessories" pages.



Accessories

Direct handle

acoms_129_a_1_cat



acoms_159_a_1_cat



References

SIRCOVER

Rating (A)	Handle colour	Handle type	References
125 ... 630	Black	Single lever	4199 5012
800 ... 1800	Black	Single lever	2799 7052
2000 ... 3200	Black	Double lever	2799 7012

SIRCOVER BY-PASS

Rating (A)	Handle colour	Handle type	References
125 ... 200	Black	Single lever	4199 5012
250 ... 630	Black	Single lever	2799 7052
800 ... 1600	Black	Double lever	2799 7012

Door interlocked external handle

acoms_190_a_1_cat



S2-type handle

acoms_151_a_1_cat



S3-type handle

acoms_192_a_1_cat



S4-type handle

Use

The door interlocked external operation includes one lockable handle, one escutcheon and must be associated with a shaft extension.

References

SIRCOVER

Rating (A)	Changeover operation type	External IP ⁽¹⁾	Handle type	References
125 ... 630	I - 0 - II	IP55	S2	1421 2113
125 ... 630	I - 0 - II	IP65	S2	1423 2113
125 ... 630	I - I+II - II	IP65	S2	1423 2114
800 ... 1800	I - 0 - II	IP65	S4	1443 3113
800 ... 1800	I - I+II - II	IP65	S4	1443 3114
2000 ... 3200	I - 0 - II	IP65	-	2799 7146⁽²⁾

(1) IP: protection rating according to IEC 60529.

(2) Double lever handle.

SIRCOVER BY-PASS

Rating (A)	Changeover operation type	External IP ⁽¹⁾	Handle type	References
125 ... 200	I - 0 - II	IP55	S2	1421 2113
125 ... 200	I - 0 - II	IP65	S2	1423 2113
250 ... 630	I - 0 - II	IP65	S3	1433 3113
800 ... 1600	I - 0 - II	IP65	-	4199 7146

(1) IP: protection rating according to IEC 60529.

S type handle adapter

acoms_197_a_1_cat



Use

Enables new S type handles to be mounted using old fixing holes for replacement or retrofit applications.

Dimensions

Adds 12 mm to the depth.

Référence

Handle colour	External IP	Pack qty	Reference
Black	IP65	10	1493 0000

Alternative S type handle cover colours

acoms_198_a_1_cat



Use

For single lever handles S1, S2, S3 type and for double lever handle S4 type.

Others colours: please consult us.

References

Handle colour	Pack qty	Handle type	References
Light grey	50	S2, S3	1401 0001
Dark grey	50	S2, S3	1401 0011
Light grey	50	S4	1401 0031
Dark grey	50	S4	1401 0041

SIRCOVER and SIRCOVER BY-PASS

125 to 3200 A

Fonctions

References

Accessories

Enclosed changeover switches

Characteristics

Dimensions

Accessories

Shaft extensions for external handle

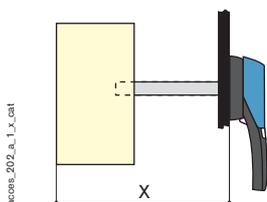


Use

Standard lengths:

- 200 mm,
- 320 mm,
- 450 mm.

Other lengths: please consult us.



References

SIRCOVER

Rating (A)	Shaft length (mm)	Dimension X (mm)	References
125 ... 400	200	210 ... 310	1400 1020
125 ... 400	320	210 ... 430	1400 1032
500 ... 630	200	280 ... 390	1400 1020
500 ... 630	320	280 ... 510	1400 1032
800 ... 1800	200	425 ... 577	1401 1520
800 ... 1800	320	425 ... 697	1401 1532
2000 ... 3200	320	653 ... 923	2799 3018

SIRCOVER BY-PASS

Rating (A)	Shaft length (mm)	Dimension X (mm)	References
125 ... 200	200	320 ... 450	1400 1020
125 ... 200	320	320 ... 570	1400 1032
250 ... 400	200	298 ... 420	1401 1520
250 ... 400	320	298 ... 540	1401 1532
500 ... 630	200	417 ... 539	1401 1520
500 ... 630	320	417 ... 659	1401 1532
800 ... 1600	200	550 ... 680	2799 3015
800 ... 1600	450	550 ... 800	2799 3019

Bridging bars



SIRCOVER



SIRCOVER BY-PASS

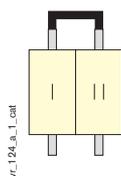
Use

Creation of a common link, on the top or bottom side of the switch, in order to feed load with either power supply I or/and II.

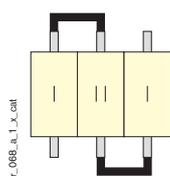
For SIRCOVER BY-PASS, two sets of bridging bars are needed as the switch is composed of three basic switch frames.

Position I: 6 or 8 poles.

Position II: 3 or 4 poles.



SIRCOVER



SIRCOVER BY-PASS

References

Rating (A)	No. of poles	Section (mm)	References
125 ... 200	3 P	20 x 2.5	4109 3019
125 ... 200	4 P	20 x 2.5	4109 4019
250	3 P	25 x 2.5	4109 3025
250	4 P	25 x 2.5	4109 4025
400	3 P	32 x 5	4109 3039
400	4 P	32 x 5	4109 4039
500	3 P	32 x 5	4109 3050
500	4 P	32 x 5	4109 4050
630	3 P	50 x 5	4109 3063
630	4 P	50 x 5	4109 4063
800	3 P	50 x 6	4109 3080
800	4 P	50 x 6	4109 4080
1250	3 P	60 x 8	4109 3120
1250	4 P	60 x 8	4109 4120
1600 ... 1800	3 P	90 x 10	4109 3160
1600 ... 1800	4 P	90 x 10	4109 4160
2000 ... 3200	3/4 P	-	(1)

(1) See page A.101 "Copper bars connection kits".



Accessories

Copper bars connection kits

accens_2216_c_1_x_cat

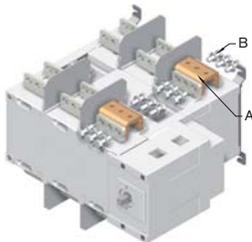


Fig. 1

accens_2218_b_1_x_cat

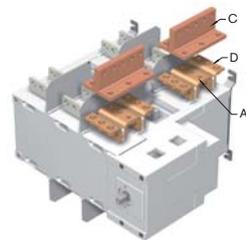


Fig. 2

accens_2310_b_1_x_cat

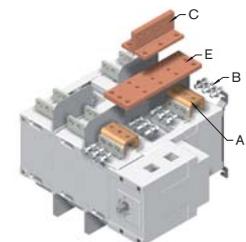


Fig. 3

Use

To allow:

- connection between the two power terminals from a same pole for 2000 to 3200 A ratings (Fig. 1 and Fig 2),
- top or bottom bridging connection (Fig. 3).

For 3200 A rating, the connection piece (part A) are delivered bridged from factory. Bolt sets must be ordered separately.

Dimensions

See page A.111, for connection kit assembly.

Technical notice for these specific accessories is downloadable from www.socomec.com

References

Top or bottom flat connection - Fig. 1

Rating (A)	Part	Qty to order per pole ⁽¹⁾	References
2000 ... 2500	Connection piece - part A	2	2619 1200
2000 ... 2500	Bolt set - part B	2	2699 1200
3200	Connection piece - part A	/	standard
3200	Bolt set - part B	2	2699 1200

Top or bottom edgewise connection - Fig. 2

Rating (A)	Part	Qty to order per pole ⁽¹⁾	References
2000 ... 2500	Connection piece - part A	2	2619 1200
2000 ... 2500	T piece - part C	2	2629 1200 ⁽²⁾
2000 ... 2500	Right angle - part D	2	2639 1200 ⁽²⁾
3200	Connection piece - part A	/	standard
3200	T piece - part C	2	2629 1200 ⁽²⁾
3200	Right angle - part D	2	2639 1200 ⁽²⁾

Top or bottom bridging connection - Fig. 3

Rating (A)	Part	Qty to order per pole ⁽¹⁾	References
2000 ... 2500	Connection piece - part A	2	2619 1200
2000 ... 2500	Bolt set - part B	2	2699 1200
2000 ... 2500	Bar - part E	1	4109 0250 ⁽²⁾
2000 ... 2500	T piece - part C	1	2629 1200 ⁽²⁾
3200	Connection piece - part A	/	standard
3200	Bolt set - part B	2	2699 1200
3200	Bar - part E	1	4109 0320 ⁽²⁾
3200	T piece - part C	1	2629 1200 ⁽²⁾

(1) Example for 3-pole device equipped top only: order 3 times the quantities.
(2) Bolt set is provided with the accessories.

SIRCOVER and SIRCOVER BY-PASS

125 to 3200 A

Fonctions

References

Accessories

Enclosed changeover switches

Characteristics

Dimensions

Accessories

Auxiliary contacts

access_085_a_1_cat



svr_088_a_1_cat



Use

Pre breaking and positions I and II signalling: 1 or 2 NO/NC auxiliary contacts in each position.

Low level auxiliary contacts and more auxiliary contacts requirement: please, consult us.

Connection to control circuit

Via 6.35 mm fast-on tags.

Electrical characteristics

30 000 operations.

References

NO/NC auxiliary contact

Rating (A)	Contact (s)	References
125 ... 1800	1 st / 2 nd	4109 0021
2000 ... 3200	1 st / 2 nd	standard

Characteristics

Rating (A)	Nominal current (A)	Operating current I _e (A)			
		250 VAC AC-13	400 VAC AC-13	24 VDC DC-13	48 VDC DC-13
125 ... 3200	16	12	8	14	6

Terminal shrouds

access_208_a_1_cat



Use

Protection against direct contact with terminals or connecting parts.

Supplied as pair.

Advantage

Holes enable remote thermal checking without removing.

References

Rating (A)	No. of poles	Position	References
125 ... 200	3 P	top / bottom / front (I) / rear (II)	2694 3014 ⁽¹⁾⁽²⁾
125 ... 200	4 P	top / bottom / front (I) / rear (II)	2694 4014 ⁽¹⁾⁽²⁾
250 ... 400	3 P	top / bottom / front (I) / rear (II)	2694 3021 ⁽¹⁾⁽²⁾
250 ... 400	4 P	top / bottom / front (I) / rear (II)	2694 4021 ⁽¹⁾⁽²⁾
500 ... 630	3 P	top / bottom / front (I) / rear (II)	2694 3051 ⁽¹⁾⁽²⁾
500 ... 630	4 P	top / bottom / front (I) / rear (II)	2694 4051 ⁽¹⁾⁽²⁾

(1) To shroud front switch top and bottom 2 references required for SIRCOVER and 3 references required for SIRCOVER BY-PASS.

(2) To fully shroud front, rear, top and bottom 4 references required for SIRCOVER and 6 references required for SIRCOVER BY-PASS.

Terminal screens

access_207_a_1_cat



Use

Top or bottom protection against direct contacts with terminals or connecting parts.

References

Rating (A)	No. of poles	Position	References
125 ... 200	3 P	top or bottom	1509 3012
125 ... 200	4 P	top or bottom	1509 4012
250 ... 400	3 P	top or bottom	1509 3025
250 ... 400	4 P	top or bottom	1509 4025
500 ... 630	3 P	top or bottom	1509 3063
500 ... 630	4 P	top or bottom	1509 4063
800 ... 1250	3 P	top or bottom	1509 3080
800 ... 1250	4 P	top or bottom	1509 4080
1600 ... 1800	3 P	top or bottom	1509 3160
1600 ... 1800	4 P	top or bottom	1509 4160
2000 ... 3200	3/4 P	top and bottom	standard

Inter phase barriers

access_036_a_1_cat



Use

Safety isolating separation between the terminals, essential for use at 690 VAC or in a polluted or dusty atmosphere. The terminal shrouds also provide phase separation from 125 to 630 A.

References

Rating (A)	No. of poles	References
125 ... 200	3 P	2998 0033 ⁽¹⁾
125 ... 200	4 P	2998 0034 ⁽¹⁾
250 ... 400	3 P	2998 0023 ⁽¹⁾
250 ... 400	4 P	2998 0024 ⁽¹⁾
500 ... 630	3 P	2998 0013 ⁽¹⁾
500 ... 630	4 P	2998 0014 ⁽¹⁾
800 ... 3200	3/4 P	included

(1) Use 2 sets per side.



Accessories

Handle key interlocking accessories

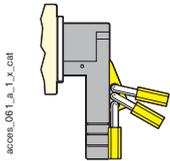


Fig. 1

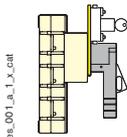


Fig. 2

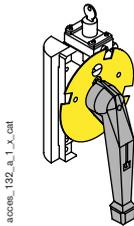


Fig. 3

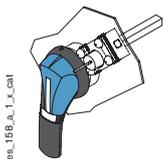


Fig. 4

Use

Can be locked in position 0 or in positions I, 0 or II of front operation:

- using padlock (not supplied) (**Fig. 1**).

This device is factory mounted in the direct or external handle. The lock escutcheon contains sections to be pushed out according to locking position required. However, locking in the 3 positions for external operation on the range requires special or handle;

- using a lock (not included) for direct operation using:
 - a special handle which receives the lock bolt on SIRCOVER 125 to 630 A (**Fig. 2**),
 - a locking disk for SIRCOVER 800 to 3200 A (**Fig. 3**);
- using a lock (not included) for external operation using:
 - a device which lifts the lock inside the cabinet door for SIRCOVER 125 to 630 A (**Fig. 4**),
 - a locking disk for SIRCOVER 800 to 3200 A;
- using undervoltage coil for SIRCOVER 800 to 3200 A. Operation on SIRCOVER is only possible when coil is under voltage.

References

Lockable in position I, 0 or II

Rating (A) SIRCOVER	Rating (A) SIRCOVER BY-PASS	Operation	Figure	Reference
125 ... 630	125 ... 200	external	1	1423 2813

Locking using RONIS EL11AP lock in position 0 (not included)

Rating (A) SIRCOVER	Rating (A) SIRCOVER BY-PASS	Operation	Figure	References
125 ... 630	125 ... 200	direct	2	4109 1006 ⁽¹⁾
	250 ... 630	direct	3	consult us
800 ... 1800	800 ... 1600	direct	3	4109 1004 ⁽²⁾
		direct	3	4109 2007
2000 ... 3200		direct	3	4109 2007
125 ... 1800	125 ... 630	external	4	1499 7701
2000 ... 3200	800 ... 1600	external	4	2799 7002

Locking using RONIS EL11AP lock in positions I, 0, II (not included)

Rating (A) SIRCOVER	Rating (A) SIRCOVER BY-PASS	Operation	Figure	References
125 ... 630	125 ... 200	direct	2	4109 1002 ⁽¹⁾
	250 ... 630	direct	3	consult us
800 ... 1800	800 ... 1600	direct	3	4109 1004 ⁽²⁾
		direct	3	4109 2007
2000 ... 3200		direct	3	4109 2007
125 ... 630		external	4	1499 7701
	800 ... 1600	external	4	2799 7002

Locking using 230 VAC undervoltage coil in position 0 (factory fitted)

Rating (A) SIRCOVER	Rating (A) SIRCOVER BY-PASS	Operation	Figure	Reference
800 ... 3200	800 ... 1600	direct	3	consult us

Locking using CASTELL type K lock (not included)

Rating (A) SIRCOVER	Rating (A) SIRCOVER BY-PASS	Operation	Figure	References
125 ... 1800	125 ... 630	external	4	1499 7702
2000 ... 3200	800 ... 1600	external	4	2799 7003

(1) Specific handle included.

(2) This locking facility can be configured by the user in the 3 positions.

Other specific accessories

bd_03_04-01



- Special protection screens (for specific dimensions or high ambient temperatures).
- Phase barrier shields between terminals.
- Connection accessories.
- Low level auxiliary contacts.

SIRCOVER and SIRCOVER BY-PASS

125 to 3200 A

- Fonctions
- References
- Accessories
- ▶ Enclosed changeover switches
- Characteristics
- Dimensions

Enclosed changeover switches

Steel enclosure for front operation



conf_288_a_2_cat

Functions

- Emergency breaking.
- Switching and source inversion.
- Switch-over under load.
- Breaking for mechanical maintenance.
- Safety isolation in the vicinity of any low voltage final circuit.

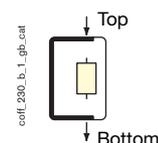
Conformity to standards

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

General characteristics

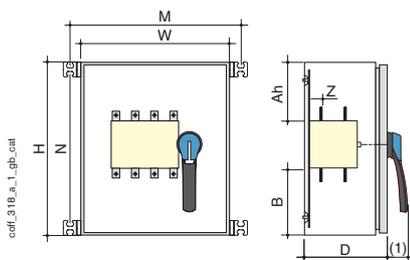
- Adapted to mechanical risk and dust hazard.
- S-type black handle lockable in position 0.
- Protection degree: IP54 / Ik 9.
- Colour: RAL 7035 (rating ≤ 630 A), RAL 7032 (rating > 630 A).
- Gland plates: top and bottom.
- Material: XC steel (rating ≤ 630 A), electrozinc steel (rating > 630 A).
- Coating: epoxy powder (rating ≤ 630 A), polyester powder (rating > 630 A).
- Wall mounting: 4 mounting brackets supplied (not mounted).
- Door: solid with hinges.
- Locking system: 3 mm double-bar key (rating ≤ 630 A), 8 mm square key (rating > 630 A), key supplied.
- Miscellaneous: 2 earth connection points, double door locking.
- Note: supplied with incoming terminal screen only. Not supplied with bridging bars or outgoing terminal screen. For these items please see accessories section.

Connection



References	No. of poles	SIRCOVER	SIRCOVER
		I - 0 - II	I - I+II - II
Rating (A)		References	References
125	3 P	4212 3012	4116 3012
125	4 P	4212 4012	4116 4012
160	3 P	4212 3016	4116 3016
160	4 P	4212 4016	4116 4016
250	3 P	4212 3025	4116 3025
250	4 P	4212 4025	4116 4025
400	3 P	4212 3040	4116 3040
400	4 P	4212 4040	4116 4040
500	3 P	4212 3050	4116 3050
500	4 P	4212 4050	4116 4050
630	3 P	4212 3063	4116 3063
630	4 P	4212 4063	4116 4063
800	3 P	4212 3080	4116 3080
800	4 P	4212 4080	4116 4080
1250	3 P	4212 3120	4116 3120
1250	4 P	4212 4120	4116 4120
1600	3 P	4212 3160	4116 3160
1600	4 P	4212 4160	4116 4160

Dimensions



(1) 125... 630 A: 58 mm
800... 1600 A: 74 mm

Rating (A)	No. of poles	H x W x D (mm)	Max. cond section (mm ²)	M	N	Z	Ah	B	Weight (kg)
125	3/4 P	500 x 400 x 250	50	448	458	28	190	190	23
160	3/4 P	500 x 400 x 250	95	448	458	28	190	190	23
250	3/4 P	500 x 400 x 250	150	448	458	29.3	185	185	23
400	3/4 P	800 x 600 x 300	240	758	552	29.3	330	330	45
500	3/4 P	800 x 600 x 300	240	648	658	45	298	298	55
630	3/4 P	800 x 600 x 300	2 x 300	648	658	45	290	290	55
630	3/4 P	700 x 600 x 400	2 x 300	648	658	64	243	237	53
1250	3/4 P	1200 x 700 x 500	4 x 185	740	1152	24	465	465	88
1600	3/4 P	1200 x 700 x 500	4 x 300	740	1152	-	470	470	94



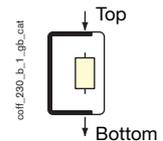
Enclosed changeover switches

Steel enclosure for front operation



conf_298_a_1_gb_cat

Connection



SIRCOVER BY-PASS I - 0 - II

Functions

- Emergency breaking.
- Switching and source inversion.
- Switch-over under load.
- Breaking for mechanical maintenance.
- Safety isolation in the vicinity of any low voltage final circuit.

Conformity to standards

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

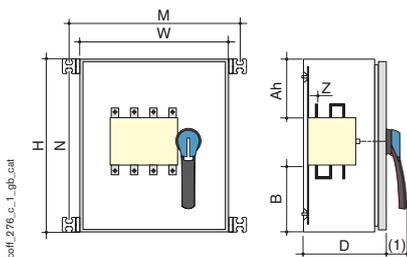
General characteristics

- Adapted to mechanical risk and dust hazard.
- S-type black handle lockable in position 0.
- Protection degree: IP54 / Ik 9.
- Colour: RAL 7032.
- Gland plates: top and bottom.
- Material: electrozinc steel.
- Coating: epoxy polyester powder.
- Wall mounting: 4 mounting brackets supplied (not mounted).
- Door: solid with hinges.
- Locking system: 3 mm double-bar key (rating ≤ 630 A), 8 mm square key (rating > 630 A), key supplied.
- Miscellaneous: 2 earth connection points, double door locking.
- Note: supplied with incoming terminal screen only. Not supplied with bridging bars or outgoing terminal screen. For these items please see accessories section.

References

Rating (A)	No. of poles	References
125	3+6 P	4119 7012
125	4+8 P	4119 9012
160	3+6 P	4119 7016
160	4+8 P	4119 9016
250	3+6 P	4119 7025
250	4+8 P	4119 9025
400	3+6 P	4119 7040
400	4+8 P	4119 9040
500	3+6 P	4119 7050
500	4+8 P	4119 9050
630	3+6 P	4119 7063
630	4+8 P	4119 9063
800	3+6 P	4119 7080
800	4+8 P	4119 9080
1250	3+6 P	4119 7120
1250	4+8 P	4119 9120
1600	3+6 P	4119 7160
1600	4+8 P	4119 9160

Dimensions



(1) 125... 160 A: 58 mm
250... 630 A: 74 mm
800... 1600 A: 120 mm

Rating (A)	No. of poles	H x W x D (mm)	Max. cond section (mm ²)	Terminal spacing			Ah	B	Weight (kg)
				M	N	Z			
125	3+6 / 4+8 P	500 x 400 x 350	50	448	452	47	192	192	*
160	3+6 / 4+8 P	500 x 400 x 350	95	448	452	47	192	192	*
250	3+6 / 4+8 P	800 x 600 x 500	150	640	752	48	335	335	*
400	3+6 / 4+8 P	800 x 600 x 500	240	640	752	48	330	330	*
500	3+6 / 4+8 P	800 x 600 x 550	240	640	752	64	297	297	*
630	3+6 / 4+8 P	800 x 600 x 550	2 x 300	640	752	64	290	290	*
800	3+6 / 4+8 P	1200 x 700 x 700	2 x 300	740	1152	24	466	466	*
1250	3+6 / 4+8 P	1200 x 700 x 700	4 x 185	740	1152	85.5	469	469	*
1600	3+6 / 4+8 P	1200 x 700 x 700	4 x 300	-	-	-	-	-	*

* Consult us.

SIRCOVER and SIRCOVER BY-PASS

125 to 3200 A

Fonctions

References

Accessories

▶ Enclosed changeover switches

▶ Characteristics

Dimensions

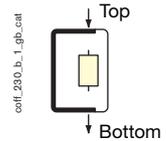
Enclosed changeover switches

Polyester enclosure for front operation



conf_289_a_1_cat

Connection



conf_289_b_1_ghb_cat

Functions

- Emergency breaking.
- Switching and source inversion.
- Switch-over under load.
- Breaking for mechanical maintenance.
- Safety isolation in the vicinity of any low voltage final circuit.

Conformity to standards

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

General characteristics

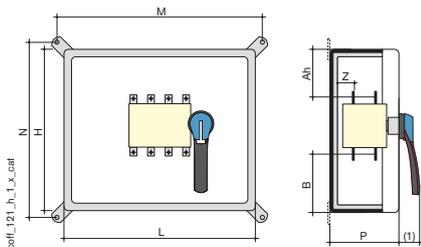
- Adapted to chemical attack, dust hazard, contamination hazard and atmospheric corrosion.
- S-type black handle lockable in position 0.
- Protection degree: IP55 / Ik 10
- Colour: RAL 7035.
- Gland plates: none.
- Material: glass fibre reinforced polyester.
- Coating: none.
- Wall mounting: 4 mounting brackets supplied (not mounted).
- Locking system: screws (rating < 400 A), 3 mm double-bar key (rating ≥ 400 A), key supplied.
- Miscellaneous: good resistance to current creepage distance, good resistance to chemicals, self-extinguishing at 960°C, 2 earth connection points.
- Note: supplied with incoming terminal screen only. Not supplied with bridging bars or outgoing terminal screen. For these items please see accessories section.

SIRCOVER I - 0 - II

References

Rating (A)	No. of poles	References
125	3 P	4215 3012
125	4 P	4215 4012
160	3 P	4215 3016
160	4 P	4215 4016
250	3 P	4215 3025
250	4 P	4215 4025
400	3 P	4215 3040
400	4 P	4215 4040
630	3 P	4215 3063
630	4 P	4215 4063

Dimensions



(1) 125... 630 A: 45 mm

Rating (A)	No. of poles	H x W x D (mm)	Max. cond section (mm ²)	M	N	Z	Ah	B	Weight (kg)
125	3 P	540 x 270 x 233	50	272	542	28	210	210	9
125	4 P	540 x 360 x 233	50	362	542	28	210	210	10
160	3 P	540 x 270 x 233	95	272	542	28	210	210	9
160	4 P	540 x 360 x 233	95	362	542	28	210	210	10
250	3 P	540 x 360 x 233	150	362	542	29	205	205	11
250	4 P	540 x 360 x 233	150	362	542	29	205	205	12
400	3 P	800 x 600 x 300	240	620	796	29	330	330	30
400	4 P	800 x 600 x 300	240	620	796	29	330	330	31
630	3 P	800 x 600 x 300	2 x 300	620	796	45	297	297	38
630	4 P	800 x 600 x 300	2 x 300	620	796	45	297	297	40



Characteristics (according to IEC 60947-3)

Thermal current I_{th} (40°C)	125 A	160 A	200 A	250 A	400 A	500 A	630 A
Rated insulation voltage U_i (V)	800	800	800	800	800	1000	1000
Rated impulse withstand voltage U_{imp} (kV)	8	8	8	8	8	12	12

Rated operation currents I_e (A)

Rated voltage	Load duty category	A/B ⁽¹⁾						
400 VAC	AC-21 A / AC-21 B	125/125	160/160	200/200	250/250	400/400	500/500	630/630
	AC-22 A / AC-22 B	125/125	160/160	200/200	250/250	400/400	500/500	630/630
	AC-23 A / AC-23 B	125/125	160/160	160/160	250/250	250/250	500/500	500/500
690 VAC ⁽²⁾	AC-20 A / AC-20 B	125/125	160/160	200/200	250/250	400/400	500/500	630/630
	AC-21 A / AC-21 B	125/125	160/160	160/160	200/250	200/250	400/400	500/500
	AC-22 A / AC-22 B	125/125	125/125	125/125	125/160	125/160	250/315	315/315
220 VDC	AC-23 A / AC-23 B	63/80	63/80	63/80	100/125	100/125	160/200	160/200
	DC-20 A / DC-20 B	125/125	160/160	200/200	250/250	400/400	500/500	630/630
	DC-21 A / DC-21 B	125/125	160/160	160/160	250/250	250/250	500/500	630/630
440 VDC	DC-22 A / DC-22 B	125/125	160/160	160/160	250/250	250/250	400/500	500/500
	DC-23 A / DC-23 B	125/125	125/125	125/125	200/200	200/200	400/400	500/500
	DC-20 A / DC-20 B	125/125	160/160	200/200	250/250	400/400	500/500	630/630
440 VDC	DC-21 A / DC-21 B	125 ⁽³⁾ /125 ⁽³⁾	125 ⁽³⁾ /125 ⁽³⁾	125 ⁽³⁾ /125 ⁽³⁾	200 ⁽³⁾ /200 ⁽³⁾	200 ⁽³⁾ /200 ⁽³⁾	400 ⁽³⁾ /400 ⁽³⁾	500 ⁽³⁾ /500 ⁽³⁾
	DC-22 A / DC-22 B	125 ⁽³⁾ /125 ⁽³⁾	125 ⁽³⁾ /125 ⁽³⁾	125 ⁽³⁾ /125 ⁽³⁾	200 ⁽³⁾ /200 ⁽³⁾	200 ⁽³⁾ /200 ⁽³⁾	315 ⁽³⁾ /400 ⁽³⁾	500 ⁽³⁾ /500 ⁽³⁾
	DC-23 A / DC-23 B	125 ⁽⁴⁾ /125 ⁽⁴⁾	125 ⁽⁴⁾ /125 ⁽⁴⁾	125 ⁽⁴⁾ /125 ⁽⁴⁾	200 ⁽⁴⁾ /200 ⁽⁴⁾	200 ⁽⁴⁾ /200 ⁽⁴⁾	400 ⁽⁴⁾ /400 ⁽⁴⁾	500 ⁽⁴⁾ /500 ⁽⁴⁾

Operational power in AC-23 (kW)⁽¹⁾⁽⁵⁾

At 400 VAC without pre-break AC	63/63	80/80	80/80	132/132	132/132	280/280	280/280
At 690 VAC without pre-break AC	55/75	55/75	55/75	90/110	90/110	150/185	150/185

Reactive power (kvar)⁽⁵⁾

At 400 VAC	55	75	90	115	185	230	290
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Fuse protected short-circuit withstand (kA rms prospective)⁽⁶⁾

Prospective short-circuit current (kA rms)	100	100	50	50	18	100	70
Associated fuse rating (A)	125	160	200	250	400	500	630

Overload capacity

Rated short-time withstand current 0.3 s. I_{cw} (kA rms)	15	15	15	17	17	25	25
Rated peak withstand current (kA peak) ⁽⁶⁾	20	20	20	30	30	45	45

Connection

Minimum Cu cable section (mm ²)	35	50	50	95	185	240	2 x 150
Minimum Cu busbar section (mm ²)	-	-	-	-	-	-	2 x 30 x 5
Maximum Cu cable section (mm ²)	50	95	95	150	240	240	2 x 300
Maximum Cu busbar width (mm)	25	25	25	32	32	40	50
Min. tightening torque (Nm)	9	9	9	20	20	20	20

Mechanical characteristics

Endurance (number of operating cycles) ⁽⁷⁾	10 000	10 000	10 000	10 000	10 000	5 000	5 000
Weight of 3 P switch (kg) ⁽⁸⁾	1.5	1.6	1.8	2	3	3.5	3.5
Weight of 4 P switch (kg) ⁽⁸⁾	1.6	1.7	1.9	2.1	3.5	4	4

(1) A/B: Category with index A = frequent operation - Category with index B = infrequent operation.

(2) With terminal shrouds or phase barrier.

(3) 3-pole device with 2 pole in series for the + and 1 pole for the -.

(4) 4-pole device with 2 pole in series by polarity.

(5) The power value is given for information only, the current values vary from one manufacturer to another.

(6) For a rated operating voltage $U_e = 400$ VAC.

(7) Increased endurances: please consult us.

(8) For BY-PASS switches increase weight by 50 %.

SIRCOVER and SIRCOVER BY-PASS

125 to 3200 A

Fonctions
References
Accessories
Enclosed changeover switches
▶ Characteristics
▶ Dimensions

Characteristics (according to IEC 60947-3)

Thermal current I_{th} (40°C)	800 A	1250 A	1600 A	1800 A	2000 A	2500 A	3200 A
Rated insulation voltage U_i (V)	1000	1000	1000	1000	1000	1000	1000
Rated impulse withstand voltage U_{imp} (kV)	12	12	12	12	12	12	12

Rated operation currents I_e (A)

Rated voltage	Load duty category	A/B ⁽¹⁾	A/B ⁽¹⁾	A/B ⁽¹⁾	A/B ⁽¹⁾	A/B ⁽¹⁾	A/B ⁽¹⁾	A/B ⁽¹⁾
400 VAC	AC-21 A / AC-21 B	800/800	1250/1250	1600/1600	1800/1800	2000/2000	2500/2500	3200/3200
	AC-22 A / AC-22 B	800/800	1250/1250	1600/1600	1800/1800	2000/2000	2000/2500	2500/3200
	AC-23 A / AC-23 B	800/800	1250/1250	1250/1250	1250/1250	1600/1600	1600/1600	1600/1600
690 VAC ⁽²⁾	AC-20 A / AC-20 B	800/800	1250/1250	1600/1600	1800/1800	2000/2000	2500/2500	3200/3200
	AC-21 A / AC-21 B	800/800	800/800	1000/1000	1000/1000	2000/2000	2000/2500	2000/2500
	AC-22 A / AC-22 B	800/800	800/800	1000/1000	1000/1000	1000/1000	1000/1000	1000/1000
220 VDC	AC-23 A / AC-23 B	200/250	200/250	500/500	500/500	800/800	800/800	800/800
	DC-20 A / DC-20 B	800/800	1250/1250	1600/1600	1800/1800	2000/2000	2500/2500	3200/3200
	DC-21 A / DC-21 B	800/800	1250/1250	1250/1250	1250/1250	2000/2000	2000/2500	2000/2500
440 VDC	DC-22 A / DC-22 B	800/800	1250/1250	1250/1250	1250/1250	1250/1600	1250/1600	1250/1600
	DC-23 A / DC-23 B	800/800	1250/1250	1250/1250	1250/1250	1250 ⁽³⁾ /1250 ⁽³⁾	1250 ⁽³⁾ /1250 ⁽³⁾	1250 ⁽³⁾ /1250 ⁽³⁾
	DC-20 A / DC-20 B	800/800	1250/1250	1600/1600	1800/1800	2000/2000	2500/2500	3200/3200
440 VDC	DC-21 A / DC-21 B	800 ⁽³⁾ /800 ⁽³⁾	1250 ⁽³⁾ /1250 ⁽³⁾	1250 ⁽³⁾ /1250 ⁽³⁾	1250 ⁽³⁾ /1250 ⁽³⁾	2000/2000	2000/2000	2000/2000
	DC-22 A / DC-22 B	800 ⁽³⁾ /800 ⁽³⁾	1250 ⁽³⁾ /1250 ⁽³⁾					
	DC-23 A / DC-23 B	800 ⁽³⁾ /800 ⁽³⁾	1250 ⁽³⁾ /1250 ⁽³⁾	1250 ⁽³⁾ /1250 ⁽³⁾	1250 ⁽³⁾ /1250 ⁽³⁾	1000 ⁽³⁾ /1000 ⁽³⁾	1000 ⁽³⁾ /1000 ⁽³⁾	1000 ⁽³⁾ /1000 ⁽³⁾

Operational power in AC-23 (kW)⁽¹⁾⁽⁴⁾

At 400 VAC without pre-break AC	450/450	710/710	710/710	710/710	710/710	710/710	710/710
At 690 VAC without pre-break AC	185/220	185/220	475/475	475/475	750/750	750/750	750/750

Reactive power (kvar)⁽⁴⁾

At 400 VAC	365	575	-	-	-	-	-
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Fuse protected short-circuit withstand (kA rms prospective)⁽⁵⁾

Prospective short-circuit current (kA rms)	50	100	100	100	100	100	-
Associated fuse rating (A)	800	1250	2 x 800	2 x 800	2 x 1000	2 x 1250	-

Overload capacity

Rated short-time withstand current 0.3 s. I_{cw} (kA rms)	50	65	100	100	100	100	110
Rated peak withstand current (kA peak) ⁽⁵⁾	55	80	110	110	110	110	120

Connection

Minimum Cu cable section (mm ²)	2 x 185	-	-	-	-	-	-
Minimum Cu busbar section (mm ²)	2 x 40 x 5	2 x 60 x 5	2 x 80 x 5	2 x 80 x 5	3 x 100 x 5	4 x 100 x 5	4 x 100 x 5
Maximum Cu cable section (mm ²)	2 x 300	4 x 185	6 x 185	6 x 185	-	-	-
Maximum Cu busbar width (mm)	63	63	100	100	125	125	125
Min. tightening torque (Nm)	-	20	40	40	40	40	40

Mechanical characteristics

Endurance (number of operating cycles) ⁽⁶⁾	3 000	3 000	4 000	4 000	3 000	3 000	3 000
Weight of 3 P switch (kg) ⁽⁷⁾	17.5	22.5	34	34	50	50	50
Weight of 4 P switch (kg) ⁽⁷⁾	21	27.5	42	42	60	60	60

(1) A/B: Category with index A = frequent operation - Category with index B = infrequent operation.

(2) With terminal shrouds or phase barrier.

(3) 4-pole device with 2 pole in series by polarity.

(4) The power value is given for information only, the current values vary from one manufacturer to another.

(5) For a rated operating voltage $U_e = 400$ VAC.

(6) Increased endurance: please consult us.

(7) For BY-PASS switches increase weight by 50%.

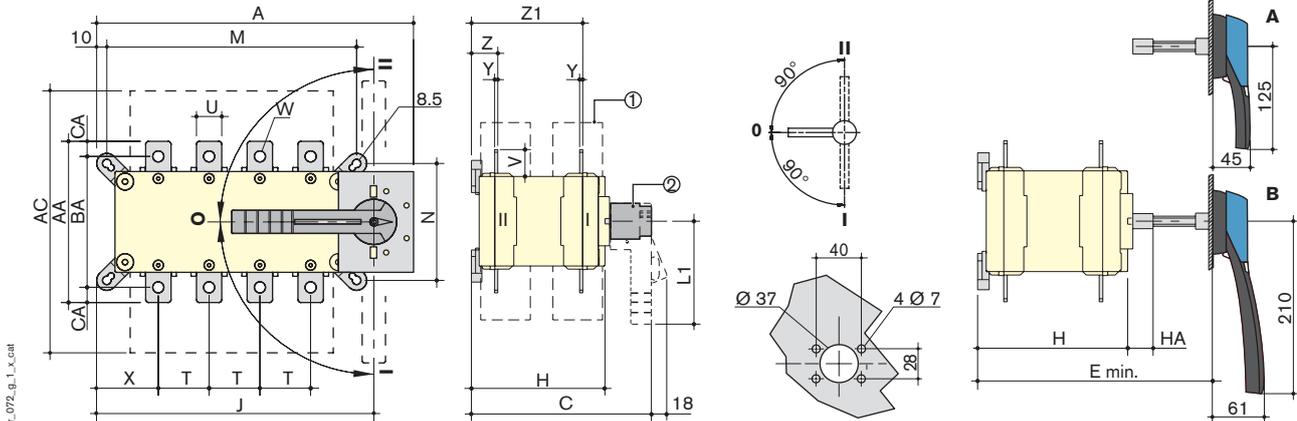


Dimensions

• SIRCOVER 125 to 1800 A

Direct front operation

External front operation

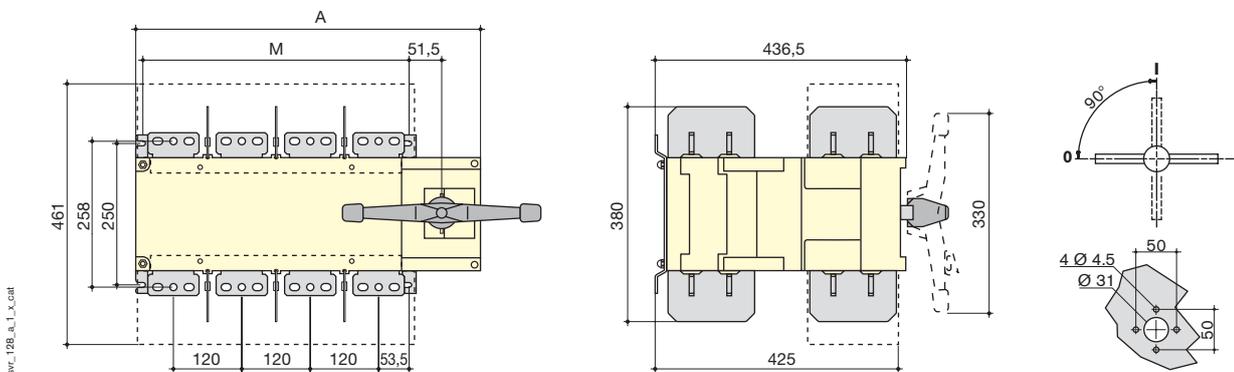


- A. External handle S2 type: 125 to 630 A
B. External handle S3 type: 800 to 1800 A

1. Terminal shrouds
2. Direct handle:
- 125 to 630 A: L1 = 140 mm
- 800 to 1800 A: L1 = 210 mm

Rating (A)	Overall dimensions				Terminal shrouds			Switch body				Switch mounting				Connection terminals								
	A 3p	A 4p	C	E min.	AC	H	HA	J 3p	J 4p	M 3p	M 4p	N	T	U	V	W	X 3p	X 4p	Y	Z	Z1	AA	BA	CA
125	221	251	218	208 ... 436	235	148	25	182	212	156	186	101	36	20	25	8,5	56	50	3,5	28	124	135	115	10
160	221	251	218	208 ... 436	235	148	25	182	212	156	186	101	36	20	25	8,5	56	50	3,5	28	124	135	115	10
200	221	251	218	208 ... 436	235	148	25	182	212	156	186	101	36	20	25	8,5	56	50	3,5	28	124	135	115	10
250	262	312	218	208 ... 436	280	148	25	223	273	196	246	116	50	25	30	11	61	61	3,5	30	124	160	130	15
400	262	312	218	208 ... 436	280	148	25	223	273	196	246	116	50	35	35	11	61	61	3,5	30	124	170	140	15
500	319	379	295	285 ... 513	401	225	25	272	332	246	306	176	65	32	37	13	70,5	65,5	5	43	180	235	205	15
630	319	379	295	285 ... 513	400	225	25	272	332	246	306	176	65	45	50	13	70,5	65,5	5	43	180	260	220	20
800	386	466	375	425 ... 577	459	298	29	306,5	386,5	255	335	250	80	50	60,5	15	48	48	7	66,5	253,5	321	-	26,5
1250	386	466	375	425 ... 577	459	298	29	306,5	386,5	255	335	250	80	60	65	16x11	48	48	7	66,5	255,5	330	-	29,5
1600	478	598	375	425 ... 577	461	298	29	388,5	518,5	347	467	250	120	90	43,5	12,5 x 5	54	54	8	66,5	255,5	288	-	15
1800	478	598	375	425 ... 577	461	298	29	388,5	518,5	347	467	250	120	90	43,5	12,5 x 5	54	54	8	66,5	255,5	288	-	15

• SIRCOVER 2000 to 3200 A



Rating (A)	Overall dimensions		Switch mounting	
	A 3p.	A 4p.	M 3p.	M 4p.
2000 ... 3200	478	598	347	467

SIRCOVER and SIRCOVER BY-PASS

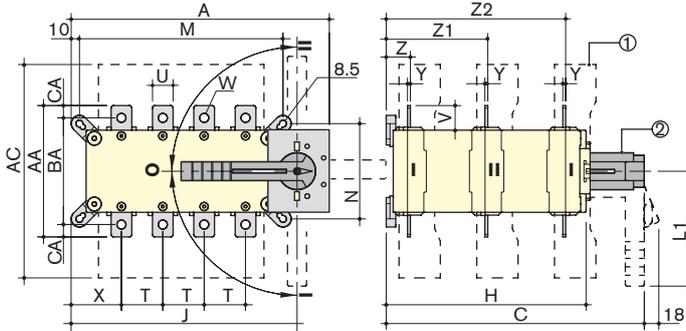
125 to 3200 A

- Fonctions
- References
- Accessories
- Enclosed changeover switches
- Characteristics
- **Dimensions**

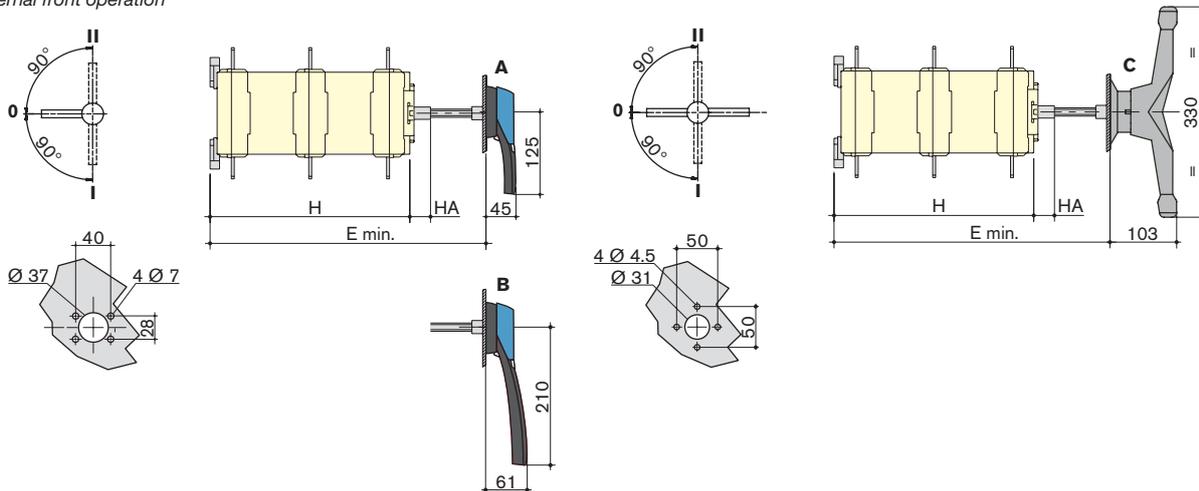
Dimensions

• SIRCOVER BY-PASS 125 to 1600 A

Direct front operation



External front operation



- A. External handle S2 type: 125 to 200 A
- B. External handle S3 type: 250 to 630 A
- C. External double lever handle: 800 to 1600 A

- 1. Terminal shrouds
- 2. Direct handle:
 - 125 to 200 A: L1 = 140 mm
 - 250 to 630 A: L1 = 210 mm
 - 800 to 1600 A: L1 = Ø 330 mm

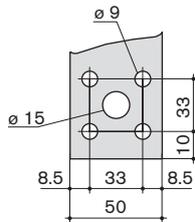
Rating (A)	Overall dimensions			Terminal shrouds E min.	AC	H	Switch body		Switch mounting		Connection terminals														
	A 3+6 p	A 4+8 p	C				HA	J 3+6 p	J 4+8 p	M 3+6 p	M 4+8 p	N	T	U	V	W	X 3+6 p	X 4+8 p	Y	Z	Z1	Z2	AA	BA	CA
125	221	251	313	320	235	243	25	182	212	156	186	101	36	20	25	8.5	56	50	3.5	28	124	219	135	115	10
160	221	251	313	320	235	243	25	182	212	156	186	101	36	20	25	8.5	56	50	3.5	28	124	219	135	115	10
200	221	251	313	320	235	243	25	182	212	156	186	101	36	20	25	8.5	56	50	3.5	28	124	219	135	115	10
250	262	312	313	298	280	243	25	223	273	196	246	116	50	25	30	11	61	61	3.5	30	124	219	160	130	10
400	262	312	313	298	280	243	25	223	273	196	246	116	50	35	35	11	61	61	3.5	30	124	219	170	140	15
500	319	379	432	417	401	362	25	272	332	246	306	176	65	32	37	13	70.5	65.5	5	43	180	317	235	205	15
630	319	379	432	417	400	362	25	272	332	246	306	176	65	45	50	13	70.5	65.5	5	43	180	317	260	220	20
800	386	466	560	550	459	479	29	306.5	386.5	255	335	250	80	50	60.5	15	48	48	7	66.5	253.5	439.5	321	-	26.5
1250	386	466	560	550	459	479	29	306.5	386.5	255	335	250	80	60	65	16 x 11	48	48	7	66.5	253.5	439.5	320	-	29.25
1600	478	598	560	550	461	479	29	388.5	518.5	347	467	250	120	90	43.5	12.5 x 5	54	54	8	66.5	253.5	439.5	288	-	15



Dimensions

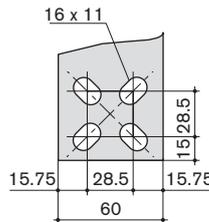
► Connection terminals

- SIRCOVER and SIRCOVER BY-PASS 800 A



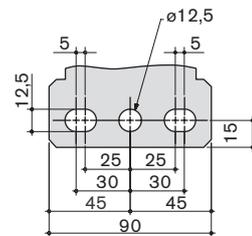
svr_077_a_1_x_cat

- SIRCOVER and SIRCOVER BY-PASS 1250 A



svr_078_b_1_x_cat

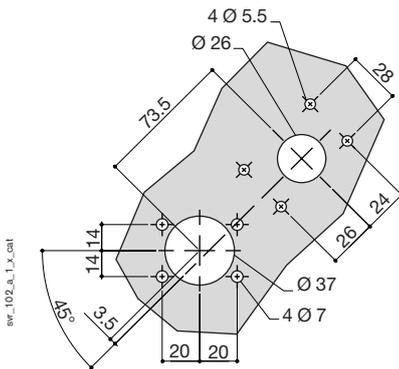
- SIRCOVER 1600 to 3200 A
SIRCOVER BY-PASS 1600 A



svr_098_a_1_x_cat

► Door drilling with RONIS EL11AP lock

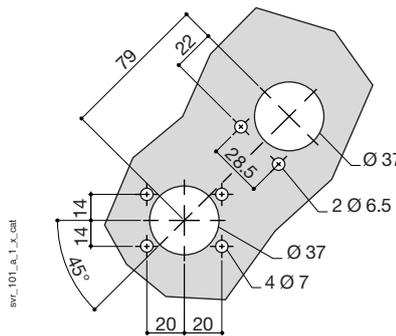
- SIRCOVER 125 to 1800 A
SIRCOVER BY-PASS 125 to 630 A



svr_102_a_1_x_cat

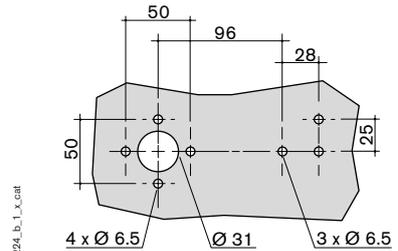
► Door drilling with CASTELL K lock

- SIRCOVER 125 to 1800 A
SIRCOVER BY-PASS 125 to 630 A



svr_101_a_1_x_cat

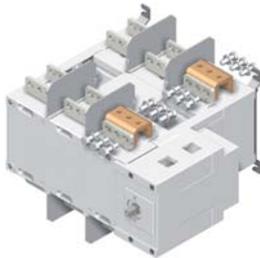
- SIRCOVER 2000 to 3200 A
SIRCOVER BY-PASS 800 to 1600 A



svr_224_b_1_x_cat

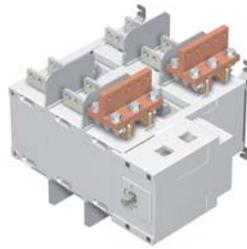
► Copper bars connection kits

- Fig. 1



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- Fig. 2

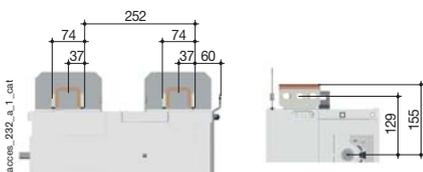


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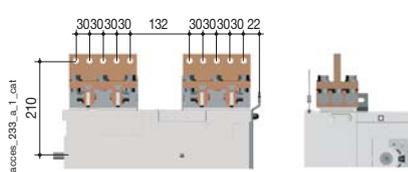
- Fig. 3



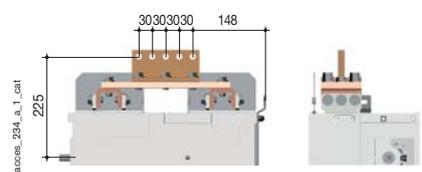
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