

Accessories

Direct handle

acces_128_a_1_cat



acces_128_a_1_cat



References

Rating (A)	No. of poles	Handle colour	References
125 ... 160	3/4 P	Black	2699 5042
125 ... 160	6/8 P	Black	4199 5012
125 ... 160	3/4 P	Red	2699 5043
200 ... 630	3/4 P	Black	2699 5052
200 ... 630	3/4 P	Red	2699 5053
250 ... 630	6/8 P	Black	2799 7052
250 ... 630	6/8 P	Red	2799 7053
800 ... 3200	3/4 P	Black	2799 7012
800 ... 3200	3/4 P	Red	2799 7013
800 ... 1600	6/8 P	Black	2799 7012
800 ... 1600	6/8 P	Red	2799 7013
4000	3/4 P	Black	2799 7062
4000	3/4 P	Red	2799 7063

Door interlocked external handle

acces_150_a_1_cat



S2-type handle

Use

The door interlocked external operation includes a padlockable handle, an escutcheon and must be combined with a shaft extensions.

acces_152_a_2_cat



S4-type handle

acces_151_a_1_cat



S3-type handle

References

Rating (A)	No. of poles	Handle type	Handle colour	External IP ⁽¹⁾	References
125 ... 630	3/4 P	S2	Black	IP55	1421 2111
125 ... 630	3/4 P	S2	Black	IP65	1423 2111
125 ... 630	3/4 P	S2	Red/Yellow	IP65	1424 2111
125 ... 160	6/8 P	S2	Black	IP55	1421 2111
125 ... 160	6/8 P	S2	Black	IP65	1423 2111
125 ... 160	6/8 P	S2	Red/Yellow	IP65	1424 2111
250 ... 1600	6/8 P	S3	Black	IP65	1433 3111
250 ... 1600	6/8 P	S3	Red/Yellow	IP65	1434 3111
800 ... 1800	3/4 P	S4	Black	IP65	1443 3111
800 ... 1800	3/4 P	S4	Red/Yellow	IP65	1444 3111
2000 ... 3200	3/4 P	V	Black	IP65	2799 7136
2000 ... 3200	3/4 P	V	Red	IP65	2799 7134
4000	3/4 P	V	Black	IP65	2799 7145
4000	3/4 P	-	Red		consult us

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

S-type handle adapter

acces_187_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

Colour	External IP ⁽¹⁾	Pack qty	Référence
Black	IP65	10	1493 0000

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

SIRCO

125 to 4000 A

Functions

References

▶ **Accessories**

Enclosed load break switches

Characteristics

Dimensions

Accessories

Alternative S-type handle cover colours



access_188_a_1_cat

Use

For single lever handles S2, S3-type and for double lever handles S4-type.
Other colours: please consult us.

References

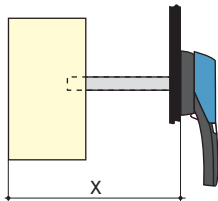
Colour	Pack qty	Handle type	References
Light grey	50	S2, S3	1401 0001
Dark grey	50	S2, S3	1401 0011
Light grey	50	S4	1401 0031
Dark grey	50	S4	1401 0041

Shaft extensions for external handle

access_143_b_1_cat

access_144_b_1_cat

access_202_a_1_x_cat



Use

Standard length:
- 200 mm,
- 250 mm,
- 300 mm,
- 400 mm,
- 500 mm,
- 750 mm.
Other lengths: please consult us.

References

For 3/4 pole

Rating (A)	Dimension X (mm)	Shaft length	
		(mm)	References
125 ... 160	125 ... 250	200	1400 1020
125 ... 160	125 ... 300	250	1400 1025
125 ... 160	125 ... 370	320	1400 1032*
125 ... 160	125 ... 550	500	1400 1050
125 ... 160	125 ... 850	750	1400 1075
200 ... 250	135 ... 265	200	1400 1020
200 ... 250	135 ... 315	250	1400 1025
200 ... 250	135 ... 385	320	1400 1032*
200 ... 250	135 ... 565	500	1400 1050
200 ... 250	135 ... 880	750	1400 1075
315 ... 630	165 ... 295	200	1400 1020
315 ... 630	165 ... 345	250	1400 1025
315 ... 630	165 ... 415	320	1400 1032*
315 ... 630	165 ... 595	500	1400 1050
315 ... 630	165 ... 940	750	1400 1075
800 ... 1800	221 ... 343	200	1401 1520
800 ... 1800	221 ... 463	320	1401 1532*
800 ... 1800	221 ... 543	400	1401 1540
2000 ... 3200	415 ... 570	200	2799 3015
2000 ... 3200	415 ... 690	320	2799 3018*
2000 ... 3200	415 ... 820	450	2799 3019
4000	651 ... 921	320	2799 3018*

For 6/8 pole

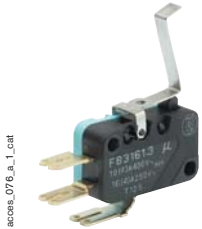
Rating (A)	Dimension X (mm)	Shaft length	
		(mm)	References
125 ... 160	270 ... 436	200	1400 1020
125 ... 160	270 ... 556	320	1400 1032*
250	221 ... 308	200	1401 1520
250	221 ... 428	320	1401 1532*
250	221 ... 508	400	1401 1540
400 ... 1600	298 ... 385	200	1401 1520
400 ... 1600	298 ... 505	320	1401 1532*

* Standard.



Accessories

Auxiliary contacts



accses_076_a_1_cat

Use

Pre-break and signalling of positions 0 and I:

- 1 to 2 NO/NC auxiliary contacts,
- 1 to 4 NO + NC auxiliary contacts,
- 1 to 2 low level NO/NC auxiliary contacts.

Characteristics

NO/NC AC: IP2 with front operation.

Connection to the control circuit
6.35 mm fast-on connection.

Electrical characteristics
30 000 operations.

References

NO/NC contacts for 3/4 pole

Rating (A)	No. of AC	References
125 ... 3200	1 st	2699 0031
125 ... 3200	2 nd	2699 0032
4000	1 st	included
4000	2 nd	included

NO/NC contacts for 6/8 pole

Rating (A)	No. of AC	References
125 ... 1600	1 st	2699 0061
125 ... 1600	2 nd	2699 0062

NO + NC contacts for 3/4 pole

Rating (A)	No. of AC	References
125 ... 3200	1 st	2699 0141
125 ... 3200	2 nd	2699 0142

Low level NO/NC contacts for 3/4 pole

Rating (A)	No. of AC	References
125 ... 1800	1 st	2699 0301
125 ... 1800	2 nd	2699 0302

Characteristics

Rating (A)	Contact type	Nominal current (A)	Operating current I _g (A)									
			230 VAC		400 VAC		24 VDC			48 VDC		
			AC-12	AC-13/15	AC-12	AC-13/15	DC-12	DC-13	DC-14	DC-12	DC-13	DC-14
125 ... 4000	NO/NC	16	16	4	12	3	2.5	2.5	1	2.5	1.2	0.2
125 ... 3200	NO+NC	16	16	4	16	3	16	5	1	2.5	1.2	0.2

Door mounting kit

Use

Kit enables door mounting facility for the SIRCO range.

References

For 3/4 pole direct front operation

Rating (A)	No. of poles	References
125 ... 160	3 P	2699 3312
125 ... 160	4 P	2699 4312
200 ... 250	3 P	2699 3420
200 ... 250	4 P	2699 4420

Terminal shrouds



accses_077_a_1_cat

Use

Top or bottom protection against direct contact with terminals or connection parts.

Advantage

Perforations allowing remote thermographic inspection without removal.

The terminal shrouds also provide phase separation SIRCOs from 125 to 630 A.

References

Rating (A)	No. of poles	Position	References
125 ... 160	3/6 P	top or bottom	2694 3014 ⁽¹⁾⁽²⁾
125 ... 160	4/8 P	top or bottom	2694 4014 ⁽¹⁾⁽²⁾
200 ... 250	3/6 P	top or bottom	2694 3021 ⁽¹⁾⁽²⁾
200 ... 250	4/8 P	top or bottom	2694 4021 ⁽¹⁾⁽²⁾
315 ... 630	3/6 P	top or bottom	2694 3051 ⁽¹⁾⁽²⁾
315 ... 630	4/8 P	top or bottom	2694 4051 ⁽¹⁾⁽²⁾

(1) 2 sets required to shroud top and bottom terminals on 3/4 pole switch.
(2) 4 sets required to shroud top and bottom terminals on 6/8 pole switch.

SIRCO

125 to 4000 A

Functions

References

Accessories

Enclosed load break switches

Characteristics

Dimensions

Accessories

Terminal screens



access_079_a_1_cat

Use

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

References
For 3/4 pole

Rating (A)	No. of poles	Position	References
125 ... 160	3 P	top or bottom	2698 3012 ⁽¹⁾
125 ... 160	4 P	top or bottom	2698 4012 ⁽¹⁾
200 ... 250	3 P	top or bottom	2698 3020 ⁽¹⁾
200 ... 250	4 P	top or bottom	2698 4020 ⁽¹⁾
315 ... 630	3 P	top or bottom	2698 3050 ⁽¹⁾
315 ... 630	4 P	top or bottom	2698 4050 ⁽¹⁾
800 ... CD 1250	3 P	top or bottom	2698 3080 ⁽¹⁾
800 ... CD 1250	4 P	top or bottom	2698 4080 ⁽¹⁾
1250 ... 1800	3 P	top or bottom	2698 3120 ⁽¹⁾
1250 ... 1800	4 P	top or bottom	2698 4120 ⁽¹⁾
2000 ... 3200	3 P	top or bottom	2698 3200 ⁽¹⁾
2000 ... 3200	4 P	top or bottom	2698 4200 ⁽¹⁾
4000	3/4 P	top and bottom	included

(1) Order 2 references to shield top and bottom terminals.

For 6/8 pole

Rating (A)	No. of poles	Position	References
125 ... 160	6 P	top or bottom	1509 3012
125 ... 160	8 P	top or bottom	1509 4012
250	6 P	top or bottom	1509 3025
250	8 P	top or bottom	1509 4025
400 ... 630	6 P	top or bottom	1509 3063
400 ... 630	8 P	top or bottom	1509 4063
800 ... 1250	6 P	top or bottom	1509 3080
800 ... 1250	8 P	top or bottom	1509 4080
1600	6 P	top or bottom	1509 3160
1600	8 P	top or bottom	1509 4160

Shrouded distribution block



repar_027_a_2_cat

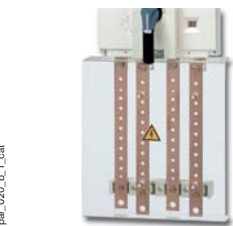
Use

Easy connection of several cables, can be clipped onto a symmetric DIN rail.

References

Rating (A)	No. of poles	No of feeders per section (mm ²)	References
125	3/4 P	2 x 25 + 7 x 10	5420 4108
125	3/4 P	2 x 25 + 2 x 16 + 9 x 10	5420 4112
160	3/4 P	1 x 35 + 3 x 25 + 8 x 16	5420 4016

Bottom distribution kit



repar_028_b_1_cat

Use

Easy connection of several equipotential conductors, mounted top of the SIRCO.

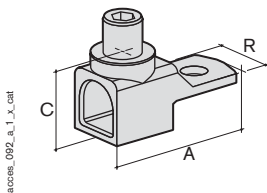
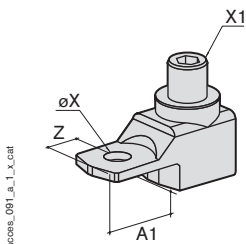
References

Rating (A)	No. of poles	No of feeders per section (mm ²)	References
125 ... 160	3 P	1 x 95 + 8 x 25	5411 3016
125 ... 160	4 P	1 x 95 + 8 x 25	5411 4016
200 ... 250	3 P	1 x 150 + 8 x 50	5411 3025
200 ... 250	4 P	1 x 150 + 8 x 50	5411 4025
315 ... 400	3 P	1 x 240 + 8 x 95	5411 3040
315 ... 400	4 P	1 x 240 + 8 x 95	5411 4040
500 ... 630	3 P	1 x 300 + 8 x 150	5411 3063
500 ... 630	4 P	1 x 300 + 8 x 150	5411 4063



Accessories

Cage terminals



Use

Connection of bare copper cables onto the terminals (without terminal lugs).

References

Rating (A)	No. of poles	References
125 ... 160	3 P	5400 3016
125 ... 160	4 P	5400 4016
200 ... 250	3 P	5400 3025
200 ... 250	4 P	5400 4025
315 ... 400	3 P	5400 3040
315 ... 400	4 P	5400 4040
500 ... 630	3 P	5400 3063
500 ... 630	4 P	5400 4063

Connections

Rating (A)	Section flexible cable (mm ²)	Section rigid cable (mm ²)	Width flexible bar (mm)	Stripped over (mm)
125 ... 160	16 ... 95	16 ... 95	13	22
200 ... 250	16 ... 185	16 ... 185	18	27
315 ... 400	50 ... 240	50 ... 300	20	34
500 ... 630	70 ... 300	70 ... 300	24	34

Dimensions

Rating (A)	A	A1	C	R	øX	X1	Z
125 ... 160	47.5	22.5	25	20	8.5	M12	10
200 ... 250	62	31.5	31.5	25	10.5	M16	14
315 ... 400	71.5	32	38	32	10.5	M20	15
500 ... 630	76.5	37	38	40	12.5	M20	15

Copper bars connection kits

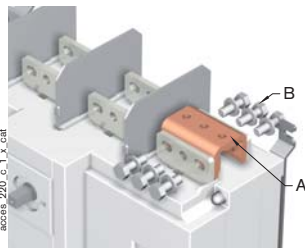


Fig.1

Use

To allow connection between the two power terminals from a same pole for 2000 to 3200 A ratings (Fig. 1 and Fig 2).

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

Dimensions

See page A.43, 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	1	2619 1200
2000 ... 2500	Bolt set - part B	1	2699 1200
3200	Connection piece - part A	/	standard
3200	Bolt set - part B	1	2699 1200

⁽¹⁾ Example for 3-pole device: order 3 times the quantities.

Top or bottom edgewise connection - Fig. 2

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

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

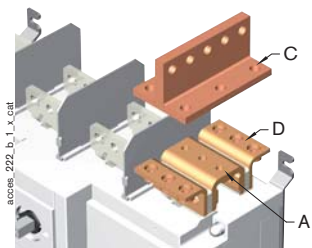


Fig.2

SIRCO

125 to 4000 A

Functions

References

▶ Accessories

▶ Enclosed load break switches

Characteristics

Dimensions

Accessories

Inter phase barriers



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 for SIRCOs from 125 to 630 A.

References

Rating (A)	No. of poles	References
125 ... 160	3 P	2998 0033
125 ... 160	4 P	2998 0034
200 ... 250	3 P	2998 0023
200 ... 250	4 P	2998 0024
315 ... 630	3 P	2998 0013
315 ... 630	4 P	2998 0014
800 ... 3200	3/4 P	included

Handle key interlocking accessories

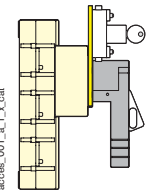


Fig. 1

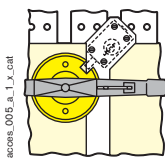


Fig. 2

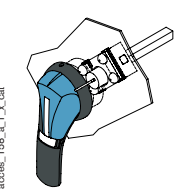


Fig. 3

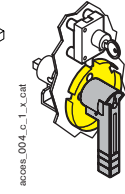


Fig. 4

Use

Locking in position 0 of the front operation handle:

- using a padlock (not supplied) and factory integrated into the handle. From 125 to 1800 A, the padlock on the external front operation handle also locks the door,
- using lock (not included): see diagrams opposite,
- using undervoltage coil: the SIRCO can only be closed if the coil is live.

For 6/8 pole, please consult us.

References

Locking using RONIS EL11AP lock (not included)

Rating (A)	No. of poles	Operation	Figure	References
125 ... 630	3/4 P	direct front	1	2699 6008 ⁽¹⁾
125 ... 1800	3/4 P	external front	3	1499 7701
800 ... 3200	3/4 P	direct front	2	2699 6027
2000 ... 4000	3/4 P	external front	4	2799 7002
4000	3/4 P	direct front	2	2699 7017

Locking using CASTELL lock (not included)

Rating (A)	No. of poles	Operation	Lock type	Figure	References
125 ... 1800	3/4 P	external front	FS	3	1499 7703
125 ... 1800	3/4 P	external front	K	3	1499 7702
2000 ... 4000	3/4 P	external front	K	2	2799 7003
125 ... 160	6/8 P	external front	K	2	4109 8507
250 ... 630	6/8 P	external front	K	2	2999 8707
800 ... 1600	6/8 P	external front	K	2	2799 7003

Locking using 230 VAC undervoltage coil (other voltages: please consult us)

Rating (A)	No. of poles	Operation	References
125 ... 630	3/4 P	external front	2699 9063 ⁽²⁾
800 ... 3200	3/4 P	direct front	2699 9315 ⁽²⁾

(1) Front operation handle included.

(2) The locking system is mounted directly on the device.



Accessories

Other specific accessories



bd_03_04_01

- Mechanical coupling device for making switches with “n” poles with the same or different ratings.
- Mechanical interlocking device.

Enclosed load break switches

Steel enclosure for front operation



conf_295_a_1_cmt

General characteristics

- Adapted to mechanical risk and dust hazard.
- S-type black handle lockable in position 0.
- Protection degree: IP55 / Ik 10 (IP65 on request).
- Colour: polyester powder RAL 7032.
- Gland plates: top and bottom.
- Material: XC steel, thickness 1.5 to 2 mm.
- Coating: epoxy polyester powder.
- Wall mounting: 4 holes in the back of the casing.
- Door: solid with hinges.
- Locking system: 3 mm double-bar key (key supplied).
- Miscellaneous: 2 earth connection points, disconnectable solid neutral link for 3+N, extension boxes for top and/or bottom connections available, IP20 incoming terminal shrouds.

Please consult us.