

Accessories (continued)

Shaft for external operation

For 3/4 pole SIRCO and SIRCO AC

Rating (A) / Frame size		Dimension X (mm)	Length (mm)	Reference
SIRCO	SIRCO AC			
125 ... 160 / B3		125 ... 250	200	1400 1020
		125 ... 300	250	1400 1025
		125 ... 370	320	1400 1032
		125 ... 550	500	1400 1050
		125 ... 850	750	1400 1075
200 ... 250 / B4	200 ... 315 / B4	135 ... 265	200	1400 1020
		135 ... 315	250	1400 1025
		135 ... 385	320	1400 1032
		135 ... 565	500	1400 1050
		135 ... 880	750	1400 1075
315 ... 630 / B5	400 ... CD 630 / B5	165 ... 295	200	1400 1020
		165 ... 345	250	1400 1025
		165 ... 415	320	1400 1032
		165 ... 595	500	1400 1050
		165 ... 940	750	1400 1075
800 ... 1800 / B6...B7	630 ... 1600 / B6 ... B7	221 ... 343	200	1401 1520
		221 ... 463	320	1401 1532
		221 ... 543	400	1401 1540
2000 ... 3200 / B8	2000 / B8	415 ... 570	200	2799 3015
		415 ... 690	320	2799 3018
		415 ... 820	450	2799 3019
4000 ... 5000 / B9	4000 / B9	550 ... 680	200	2799 3015
		651 ... 921	320	2799 3018

For 6/8-pole SIRCO

Rating (A) / Frame size	Dimension X (mm)	Length (mm)	Reference
125 ... 160 / B3 _{DS}	270 ... 436	200	1400 1020
125 ... 160 / B3 _{DS}	270 ... 556	320	1400 1032
250 ... 630 / B4 _{DS} -B5 _{DS}	221 ... 308	200	1401 1520
250 ... 630 / B4 _{DS} -B5 _{DS}	221 ... 428	320	1401 1532
250 ... 630 / B4 _{DS} -B5 _{DS}	221 ... 508	400	1401 1540

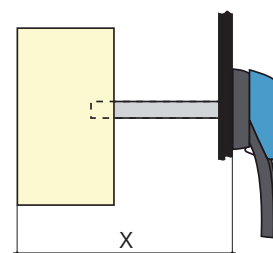
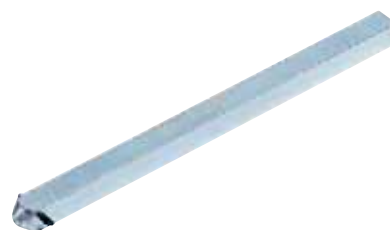
Use

Standard lengths:

- 200 mm
- 250 mm
- 300 mm
- 400 mm
- 500 mm
- 750 mm

Other lengths available:

- please consult us.



Alternative handle cover colours

Use

For S type handles.

Handle colour	To be ordered in multiples of	Handle type	Reference
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



S type cover

S type handle adapter

Use

Adds 12 mm to the depth of the handle.

Handle colour	To be ordered in multiples of	External IP ⁽¹⁾	Reference
Black	1	IP65	1493 0000

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



Accessories

Direct operation handle

For front operation Rating (A)	Handle colour	Reference
ND 125 ... ND 500	Black	3629 7901
630 ... 3150	Black	2799 7012⁽¹⁾
630 ... 3150	Red	2799 7013

(1) Standard.

For side operation Rating (A)	Handle colour	Reference
ND 125 ... ND 500	Black	3629 7901
630 ... 1600	Black	2799 7052
630 ... 1600	Red	2799 7053

Direct side operation escutcheon Rating (A)	External IP	Reference
630 ... 1600	IP54	2799 7070⁽¹⁾

(1) To be ordered together with a direct side operation handle.



External operation handle

For front operation				
Rating (A)	Handle colour	Handle type	External IP ⁽¹⁾	Reference
ND 125 ... ND 500	Black	S2	IP55	1421 2111⁽²⁾
ND 125 ... ND 500	Black	S2	IP65	1423 2111
ND 125 ... ND 500	Red	S2	IP65	1424 2111
630 ... 3150	Black	S4	IP65	1443 3111⁽²⁾
630 ... 3150	Red	S4	IP65	1444 3111

(1) IP: protection degree according to IEC 60529 standard. (2) Standard.

For right side operation				
Rating (A)	Handle colour	Handle type	External IP ⁽¹⁾	Reference
ND 125 ... ND 500	Black	S2	IP55	1425 2111
ND 125 ... ND 500	Red	S2	IP65	1428 2111
630 ... 1600	Black	S3	IP65	1437 3111
630 ... 1600	Red	S3	IP65	1438 3111

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



Shaft guide for external operation

Use

To guide the shaft extension into the external handle. This accessory enables the handle to engage the extension shaft with a misalignment of up to 15 mm.

Required for a shaft length over 320 mm.

Description	Reference
Shaft guide	1429 0000



SIDERMAT

Load break switches for power distribution
from 250 to 1800 A with tripping function

Accessories

External operation handle

For front operation				
Rating (A)	Handle type	Handle colour	External IP ⁽¹⁾	Reference
250 ... 1800	S3	Black	IP55	1431 3511 ⁽²⁾
250 ... 1800	S3	Red / Yellow	IP55	1432 3511

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

(2) Standard.

For side operation				
Rating (A)	Handle type	Handle colour	External IP ⁽¹⁾	Reference
250 ... 1800	S3	Black	IP55	1435 3511 ⁽²⁾
250 ... 1800	S3	Red	IP55	1436 3511

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

(2) Standard.



Handle type S3

Direct operation handle

For front operation		
Rating (A)	Handle colour	Reference
250 ... 1800	Black	3999 6203

For side operation		
Rating (A)	Handle colour	Reference
250 ... 1800	Black	3999 6012



acces_156_a_2_cat

Alternative colour Type S handle cover

Use

For single lever S3 type handles.

Other colours: please contact us.

Colour	To be ordered in multiples of	Handle type	Reference
Light grey	50	S3	1401 0001
Dark grey	50	S3	1401 0011



acces_198_a_2_cat

Type S handle adapter

Use

Enables S-type handles to be fitted in place of existing older style Socomec handles.

Dimensions

Adds 12 mm to the handle depth.

Handle colour	To be ordered in multiples of	External IP ⁽¹⁾	Reference
Black	1	IP65	1493 0000

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



acces_187_a_1_cat

Shaft for external operation

Use

Standard lengths:

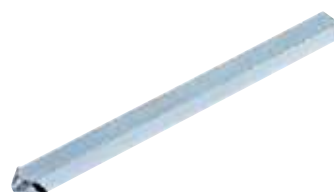
- 200 mm,
- 320 mm.

Other lengths: please contact us.

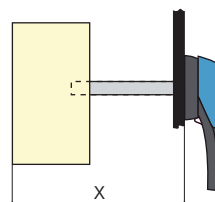
For front operation			
Rating (A)	Dimension X (mm)	Shaft length (mm)	Reference
250 ... 630	275 ... 439	200 mm	1401 1520
250 ... 630	275 ... 559	320 mm	1401 1532 ⁽¹⁾
800	296 ... 460	200 mm	1401 1520
800	296 ... 580	320 mm	1401 1532 ⁽¹⁾
1250 ... 1800	291 ... 455	200 mm	1401 1520
1250 ... 1800	291 ... 575	320 mm	1401 1532 ⁽¹⁾

(1) Standard.

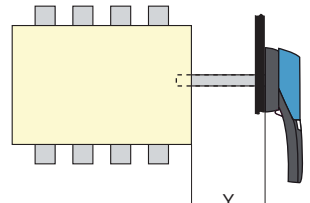
For side operation			
Rating (A)	Dimension Y (mm)	Shaft length (mm)	Reference
800 ... 1800	110 ... 279	200	1403 1520



acces_144_b_1_cat



acces_202_a_1_x_cat



acces_203_a_1_x_cat

S-type handle adapter

Use

Enables S-type handles to be fitted in place of existing older style Socomec handles. Adapter can also be utilised as a spacer to increase the distance between the panel door and the handle lever.

Dimensions

Adds 12 mm to the depth of the handle.

Handle colour	External IP ⁽¹⁾	To be ordered in multiples of	Reference
Black	IP65	1	1493 0000

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



acces_187_a_1_cat

Alternative S-type handle cover colours

Use

For single lever handles type S1, S2, S3.

Other colours: Please consult us.

Handle colour	Handle type	To be ordered in multiples of	Reference
Light grey	S1, S2, S3	50	1401 0001
Dark grey	S1, S2, S3	50	1401 0011
Light grey	S4	50	1401 0031
Dark grey	S4	50	1401 0041



acces_198_a_1_cat

Auxiliary contact

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

By 6.35 mm fast-on terminal.

Electrical characteristics

30 000 operations.

NO/NC changeover auxiliary contacts

Frame size	Position AC	Type	Reference
B4 ... B8	1 contact	NO/NC	2699 0031
B4 ... B8	2 contacts	NO/NC	2699 0032
B4 _{DS} ... B7 _{DS}	1 contact	NO/NC	2699 0061
B4 _{DS} ... B7 _{DS}	2 contacts	NO/NC	2699 0062

Low level NO/NC auxiliary contacts

Frame size	Position AC	Type	Reference
B4 ... B7	1 contact	NO/NC	2699 0301
B4 ... B7	2 contacts	NO/NC	2699 0302

NO+NC contact

Frame size	Position AC	Type	Reference
B4 ... B7	1 contact	NO + NC	2699 0061
B4 ... B7	2 contacts	NO + NC	2699 0062



acces_076_a_1_cat

Terminal screen

Use

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

Frame size	No. of poles	Position	Pack	Reference
B4	2 P	Top or bottom	1 unit	2698 3020
B4	4 P	Top or bottom	1 unit	2698 4020
B5	3 P	Top or bottom	1 unit	2698 3050
B5	4 P	Top or bottom	1 unit	2698 4050
B6	4 P	Top or bottom	1 unit	2698 4080
B7	4 P	Top or bottom	1 unit	2698 4120
B8	4 P	Top or bottom	1 unit	2698 4200
B4 _{DS}	2 P	Top or bottom	1 unit	1509 3025
B5 _{DS}	6 P	Top and bottom	2 units	1509 3063
B5 _{DS}	8 P	Top and bottom	2 units	1509 4063
B6 _{DS}	8 P	Top and bottom	2 units	1509 4080
B7 _{DS}	8P	Top and bottom	2 units	2698 4199



acces_079_a_1_cat

S-type handle adapter

Use

Enables S-type handles to be fitted in place of existing older style Socomec handles. Adapter can also be utilised as a spacer to increase the distance between the panel door and the handle lever.

Dimensions

Adds 12 mm to the depth of the handle.

Handle colour	External IP ⁽¹⁾	To be ordered in multiples of	Reference
Black	IP65	1	1493 0000

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



acces_187_a_1_cat

Alternative S-type handle cover colours

Use

For single lever handles type S1, S2, S3.

Other colours: Please consult us.

Handle colour	Handle type	To be ordered in multiples of	Reference
Light grey	S1, S2, S3	50	1401 0001
Dark grey	S1, S2, S3	50	1401 0011
Light grey	S4	50	1401 0031
Dark grey	S4	50	1401 0041



acces_198_a_1_cat

Auxiliary contact

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

By 6.35 mm fast-on terminal.

Electrical characteristics

30 000 operations.

NO/NC changeover auxiliary contacts

Frame size	Position AC	Type	Reference
B4 ... B8	1 contact	NO/NC	2699 0031
B4 ... B8	2 contacts	NO/NC	2699 0032
B4 _{DS} ... B7 _{DS}	1 contact	NO/NC	2699 0061
B4 _{DS} ... B7 _{DS}	2 contacts	NO/NC	2699 0062

Low level NO/NC auxiliary contacts

Frame size	Position AC	Type	Reference
B4 ... B7	1 contact	NO/NC	2699 0301
B4 ... B7	2 contacts	NO/NC	2699 0302

NO+NC contact

Frame size	Position AC	Type	Reference
B4 ... B7	1 contact	NO + NC	2699 0061
B4 ... B7	2 contacts	NO + NC	2699 0062



acces_076_a_1_cat

Terminal screen

Use

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

Frame size	No. of poles	Position	Pack	Reference
B4	2 P	Top or bottom	1 unit	2698 3020
B4	4 P	Top or bottom	1 unit	2698 4020
B5	3 P	Top or bottom	1 unit	2698 3050
B5	4 P	Top or bottom	1 unit	2698 4050
B6	4 P	Top or bottom	1 unit	2698 4080
B7	4 P	Top or bottom	1 unit	2698 4120
B8	4 P	Top or bottom	1 unit	2698 4200
B4 _{DS}	2 P	Top or bottom	1 unit	1509 3025
B5 _{DS}	6 P	Top and bottom	2 units	1509 3063
B5 _{DS}	8 P	Top and bottom	2 units	1509 4063
B6 _{DS}	8 P	Top and bottom	2 units	1509 4080
B7 _{DS}	8P	Top and bottom	2 units	2698 4199



acces_079_a_1_cat

S-type handle adapter

Use

For handles S2, S3 and S4.

Dimensions

Increases the distance between the handle grip and the door by 12 mm, for better handling.

Colour	Nema degree of protection	To be ordered in multiples of	Reference
Black	1, 3R, 12	10	1493 0000



access_187_a_3_cat

Alternative S-type handle cover colours

Use

For handles S2, S3 and S4.

Other colours: please consult us.

Handle colour	Handle type	To be ordered in multiples of	Reference
Light grey	S2, S3	50	1401 0001
Dark grey	S2, S3	50	1401 0011
Light grey	S4	50	1401 0031
Dark grey	S4	50	1401 0041



access_198_a_3_cat

Auxiliary contact

Use

Pre-break and signaling of positions 0 and I:

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

Electrical characteristics

A300.

NO/NC contact

Frame size	Position AC	Type	Reference
B4 ... B7	1 contact	NO/NC	2799 0021
	2 contacts		2799 0022
B4 _{DS} ... B7 _{DS}	1 contact		4159 0021

Low level NO/NC auxiliary contacts

Frame size	Position AC	Type	Reference
B4 ... B7	1 contact	NO/NC	2799 0121
	2 contacts		2799 0122
B4 _{DS} ... B7 _{DS}	1 contact		4159 0022



access_076_a_1_cat

Terminal screen

Use

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

Frame size	No. of poles	Position	Pack	Reference
B4	2 P	Top	1 unit	2798 3021
	2 P	Bottom	1 unit	2798 8021
B5	3 P	Top	1 unit	2798 3041
	3 P	Bottom	1 unit	2798 8041
B5	4 P	Top or bottom	1 unit	2798 4041
B6	4 P	Top or bottom	1 unit	2798 4061
B4 _{DS}	2 P	Top or bottom	1 unit	4158 3021
B5 _{DS}	6 P	Top or bottom	1 unit	4158 3041
	8 P	Top or bottom	1 unit	4158 4041
B6 _{DS}	8 P	Top and bottom	2 units	2798 8061
B7 _{DS}	8 P	Top or bottom	1 unit	2798 4121



access_079_a_1_cat

External front operation handle with metal padlocking lever

Rating (A)	Frame size	Handle type	Handle colour	External IP ⁽¹⁾	Defeatable handle	Reference
CD 25 ... 63	0/11/12	S1	Black	IP65	Yes	141D 2911
CD 25 ... 63	0/11/12	S1	Red/Yellow	IP65	Yes	141E 2911
100 ... 400	13 ... 16	S2	Black	IP65	Yes	142D 2911
100 ... 400	13 ... 16	S2	Red/Yellow	IP65	Yes	142E 2911
600 ... 800	17	S3	Black	IP65	Yes	143D 3911
600 ... 800	17	S3	Red/Yellow	IP65	Yes	143E 3911
800 ... 1250	18	S4	Black	IP65	Yes	144D 3911
800 ... 1250	18	S4	Red/Yellow	IP65	Yes	144E 3911

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



S-type handle adapter

Use

Enables S-type handles to be fitted in place of existing older style Socomec handles.
Adapter can be utilised as a spacer to increase the distance between the panel door and the handle lever.

Dimensions

Adds 12 mm to the depth of the handle.

Handle colour	To be ordered in multiples of	External IP ⁽¹⁾	Reference
Black	1	IP65	1493 0000

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



Alternative S-type handle cover colours

Use

For single lever handles S1, S2, S3 types and double lever handle, S4 type.
Other colours: please consult us.

Handle colour	To be ordered in multiples of	Handle type	Reference
Light grey	50	S1, S2	1401 0001
Dark grey	50	S1, S2	1401 0011
Light grey	50	S4	1401 0031
Dark grey	50	S4	1401 0041

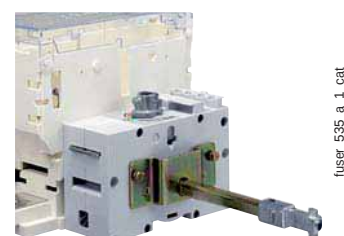


Flat mounting kit

Use

The flat mounting providing compact solution ideally suited to withdrawable applications.
Kit to be used with a handle for flat mounting.

Rating (A)	Frame size	Type	Reference
CD 25 ... CD 32	0	Kit + Shaft 200 mm	1429 7709
50 ... 400	11 ... 16	Kit + Shaft 200 mm	1429 7710



Handle for flat mounting kit

Padlockable handle in position 0

Rating (A)	Frame size	Handle type	Handle colour	External IP ⁽¹⁾	Reference
CD 25 ... 63	0/11/12	S1	Black	IP55	1411 2111 ⁽²⁾
CD 25 ... 63	0/11/12	S1	Red/Yellow	IP65	1414 2111 ⁽²⁾
100 ... 400	13 ... 16	S2	Black	IP55	1421 2111 ⁽²⁾
100 ... 400	13 ... 16	S2	Red/Yellow	IP65	1424 2111 ⁽²⁾

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

(2) Defeatable handle in position I.



S-type handle raiser

Use

Enables S-type handles to be fitted in place of existing older style SOCOMEC handles. Adapter can also be used as a spacer to increase the distance between the panel door and the handle lever.

Dimensions

Increases distance to door by 0.47 in / 12 mm.

Handle color	Pack qty	External degree of protection (IP)	Reference
Black	10	IP65	1493 0000



access_187_a_1_cat

Alternative color S-type handle cover

Use

For single lever handle S-type S1, S2, S3 and double lever handle, type S4. Other colors: please consult us.

Handle color	Pack qty	Handle type	Reference
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



access_198_a_1_cat

Shaft for external handle

Use

Standard lengths:

- 7.9 in / 200 mm,
- 12.6 in / 320 mm,
- 15.7 in / 400 mm.

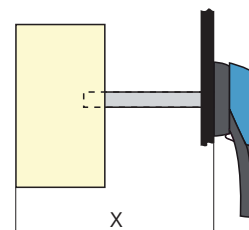
Other lengths: please consult us.

Rating (A)	Dimensions X		Handle type	Length		Reference
	(in)	(mm)		(in)	(mm)	
CD 30	4.02 ... 9.65	102 ... 245	S0	7.9	200	1405 0620
CD 30	4.02 ... 14.37	102 ... 365	S0	12.6	320	1405 0632
CD 30	4.02 ... 17.52	102 ... 445	S0	15.7	400	1405 0640
CD 30	4.02 ... 9.65	102 ... 245	S1	7.9	200	1401 0520
CD 30	4.02 ... 14.37	102 ... 365	S1	12.6	320	1401 0532
CD 30	4.02 ... 17.52	102 ... 445	S1	15.7	400	1401 0540
30 ... 100	5.3 ... 9.06	135 ... 230	S2	7.9	200	1400 1020
30 ... 100	5.3 ... 13.78	135 ... 350	S2	12.6	320	1400 1032
30 ... 100	5.3 ... 16.93	135 ... 430	S2	15.7	400	1400 1040
30 ... 100	5.3 ... 20.87	135 ... 530	S2	19.7	500	1400 1050
200	5.7 ... 9.06	145 ... 230	S2	7.9	200	1400 1020
200	5.7 ... 13.78	145 ... 350	S2	12.6	320	1400 1032
200	5.7 ... 16.93	145 ... 430	S2	15.7	400	1400 1040
200	5.7 ... 20.87	145 ... 530	S2	19.7	500	1400 1050
400	7.87 ... 10.24	200 ... 260	S2	7.9	200	1400 1020
400	7.87 ... 22	200 ... 560	S2	19.7	500	1400 1050
400	7.87 ... 14.96	200 ... 380	S2	12.6	320	1400 1032
400	7.87 ... 18.1	200 ... 460	S2	15.7	400	1400 1040
600 ... 800	10.63 ... 11.97	270 ... 304	S3	7.9	200	1400 1220
600 ... 800	10.63 ... 16.69	270 ... 424	S3	12.6	320	1400 1232
600 ... 800	10.63 ... 19.84	270 ... 504	S3	15.7	400	1400 1240
600 ... 800	10.63 ... 23.78	270 ... 604	S3	19.7	500	1400 1250



access_145_b_1_cat

access_369_a_1_cat



access_202_a_1_cat

FUSOMAT

Visible breaking and tripping fuse switches
from 250 to 1250 A

Accessories

Direct handle

Front operation Rating (A)	Handle colour	Reference
250 ... 630	Black	3999 6201
800 ... 1250	Black	3999 6012
250 ... 1250	Red	consult us

Side operation Rating (A)	Handle colour	Reference
250 ... 1250	Black	3999 6012
250 ... 1250	Red	3999 6013



access_156_a_2_cat

External handle

Front operation Rating (A)	Handle type	Handle colour	External IP	Reference
250 ... 1250	S3	Black	IP55	1431 3511
250 ... 1250	S3	Red	IP55	1432 3511

Side operation Rating (A)	Handle type	Handle colour	External IP	Reference
250 ... 1250	S3	Black	IP55	1435 3511
250 ... 1250	S3	Red	IP55	1436 3511



access_151_a_1_cat



access_166_a_2_cat

S3 type handle

S3 type handle

S-type handle adapter

Use

Enables S-type handles to be fitted in place of existing older style Socomec handles.

Dimensions

Adds 12 mm to the depth of the handle.

Handle colour	To be ordered in multiples of	External IP ⁽¹⁾	Reference
Black	1	IP65	1493 0000

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



access_187_a_1_cat

Alternative S-type handle cover colours

Use

For single lever S3 type handles.

Other colours: Please consult us.

Colour	To be ordered in multiples of	Handle	Reference
Light grey	50	S3 type	1401 0001
Dark grey	50	S3 type	1401 0011
Light grey	50	S4 type	1401 0031
Dark grey	50	S4 type	1401 0041



access_198_a_2_cat

Shaft for external handle

Use

Standard lengths:

- 200 mm
- 320 mm.

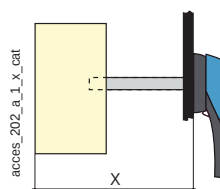
Other lengths: Please consult us.

Front operation Rating (A)	Dimension X (mm)	Shaft length (mm)	Type	Reference
250 ... 400	300 ... 422	200	15 x 12	1401 1520
250 ... 400	300 ... 542	320	15 x 12	1401 1532
630 ... 1250	345 ... 467	200	15 x 12	1401 1520
630 ... 1250	345 ... 587	320	15 x 12	1401 1532

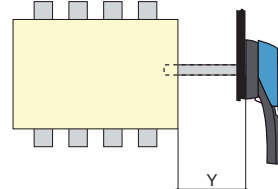
Side operation Rating (A)	Dimension Y (mm)	Shaft length (mm)	Type	Reference
250 ... 1250	78 ... 200	200	15 x 12	1403 1520



access_144_b_1_cat



access_202_a_1_x_cat



access_203_a_1_x_cat

Characteristics according to IEC 60947-3

63 to 125 A

Thermal current I_{th} (40 °C)	63 A	80 A	100 A	125 A
Rated insulation voltage U_i (V)	800	800	800	800
Rated impulse withstand voltage U_{mo} (kV)	8	8	8	8

Rated operational currents I_p (A) according to IEC 60947-3

Rated voltage	Utilisation category	A/B ⁽¹⁾	A/B ⁽¹⁾	A/B ⁽¹⁾	A/B ⁽¹⁾
415 VAC	AC-21 A / AC-21 B	63/63	80/80	100/100	125/125
415 VAC	AC-21 A / AC-21 B	63/63	80/80	100/100	125/125
415 VAC	AC-22 A / AC-22 B	63/63	80/80	100/100	125/125
415 VAC	AC-23 A / AC-23 B	63/63	63/63	63/63	63/63
690 VAC ⁽²⁾	AC-20 A / AC-20 B	63/63	80/80	100/100	125/125
690 VAC ⁽²⁾	AC-21 A / AC-21 B	63/63	80/80	80/80	80/80
690 VAC ⁽²⁾	AC-22 A / AC-22 B	40/40	40/40	40/40	40/40
690 VAC ⁽²⁾	AC-23 A / AC-23 B	25/25	25/25	25/25	25/25
220 VDC ⁽³⁾	DC-20 A / DC-20 B	63/63	80/80	100/100	125/125
220 VDC ⁽³⁾	DC-21 A / DC-21 B	63/63	80/80	100/100	125/125
220 VDC ⁽³⁾	DC-22 A / DC-22 B	63/63	80/80	100/100	100/100
220 VDC ⁽³⁾	DC-23 A / DC-23 B	63/63	63/63	63/63	63/63

Operational power in AC-23 (kW)

At 400 VAC without pre-break aux. contact in AC-23 ⁽⁴⁾	30/30	30/30	30/30	30/30
At 690 VAC without pre-break aux. contact in AC-23 ⁽⁴⁾	22/22	22/22	22/22	22/22

Reactive power (kvar)

At 400 VAC ⁽⁴⁾	28	37	45	55
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Current rated as conditional short-circuit with fuse gG DIN

Prospective short-circuit current (kA rms) ⁽⁵⁾	100	100	100	50
Associated fuse rating (A) ⁽⁵⁾	63	80	100	125

Current rated as conditional short-circuit with any brand of circuit breaker that ensures tripping in less than $0.3s^{(6)}$

Current rated as short-time withstand I_{cw} 0.3s (kA rms)	4.5	4.5	4.5	4.5
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Short-circuit operation (switch only)

Current rated as short-time withstand I_{cw} 1s (kA rms)	2.5	2.5	2.5	2.5
Peak short-circuit breaking capacity I_{cm} (peak kA)	3.55	3.55	3.55	3.55

Connection

Minimum Cu cable cross-section (mm ²)	4	4	4	4
Minimum Cu cable cross-section (mm ²)	50	50	50	50
Min./max. tightening torque (Nm)	6	6	6	6

Mechanical specifications

Durability (number of operating cycles)	10 000	10 000	10 000	10 000
Weight of one 3 P device (kg)	1.2	1.2	1.4	1.4
Weight of one 4 P device (kg)	1.4	1.4	1.6	1.6

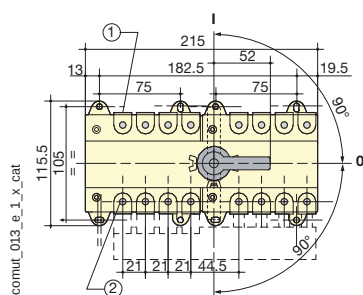
- (1) Category with index A = frequent operation / Category with index B = infrequent operation.
- (2) With terminal shrouds or phase barrier.
- (3) 4-pole device with 2 poles in series per polarity.
- (4) The power value is given for information only, the current values vary from one manufacturer to another.

- (5) For a rated operational voltage $U_e = 400$ VAC.
(6) Value for coordination with any circuit breaker that ensures tripping in less than 0.3s. For coordination with specific circuit-breaker parts, higher short-circuit current values are available. Please contact us.

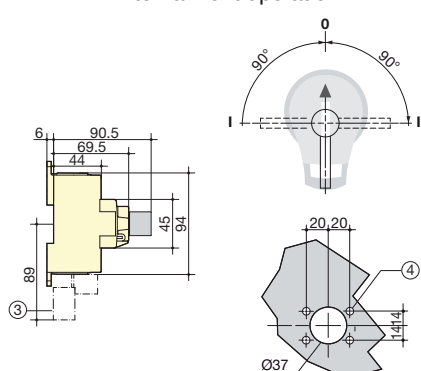
Dimensions

63 to 125 A

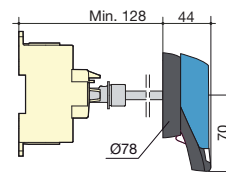
Direct front operation



External front operation



1. Max. connection:
 - Rigid: 50 mm²,
 - Flexible: 35 mm²
2. 5 mm Allen key - Pozidriv no. 1, 4.5 mm-slot
3. Bridging bar
4. Fix with 2 or 4 screws, 7 mm Ø



Accessories

Direct operation handle

SIRCOVER I-0-II and I-I+II-II				
Rating (A)	Frame size	Handle colour	Handle type	Reference
125 ... 630	B3 ... B5	Blue	J2	1122 1111
125 ... 630	B3 ... B5	Red	J2	1123 1111
800 ... 1600	B6 ... B7	Black	C1	2799 7052
2000 ... 3200	B8	Black	S5	2799 7042 ⁽¹⁾

SIRCOVER Bypass				
Rating (A)	Frame size	Handle colour	Handle type	Reference
125 ... 200	B3	Blue	J2	1122 1111
250 ... 630	B4 ... B5	Black	C1	2799 7052
800 ... 1600	B6 ... B7	Black	C2	2799 7012 ⁽¹⁾

(1) Double lever handle.



External operation handle

Use

Door interlocked external front operation handles include an escutcheon, are padlockable and must be utilised with an extension shaft.

SIRCOVER I-0-II and I-I+II-II					
Rating (A)	Frame size	Switching type	External IP ⁽¹⁾	Handle type	Reference
125 ... 630	B3 ... B5	I - 0 - II	IP55	S2	1421 2113
125 ... 630	B3 ... B5	I - 0 - II	IP65	S2	1423 2113
125 ... 630	B3 ... B5	I - I+II - II	IP65	S2	1423 2114
800 ... 1600	B6 ... B7	I - 0 - II	IP65	S4	1443 3113 ⁽²⁾
800 ... 1600	B6 ... B7	I - I+II - II	IP65	S4	1443 3114 ⁽²⁾
2000 ... 3200	B8	I - 0 - II	IP65	S5	1453 8113 ⁽²⁾

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

(2) Double lever handle.

SIRCOVER Bypass					
Rating (A)	Frame size	Switching type	External IP ⁽¹⁾	Handle type	Reference
125 ... 200	B3	I - 0 - II	IP55	S2	1421 2113
125 ... 200	B3	I - 0 - II	IP65	S2	1423 2113
250 ... 630	B4 ... B5	I - 0 - II	IP65	S3	1433 3113
800 ... 1600	B6 ... B7	I - 0 - II	IP65	V2	4199 7146

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



Alternative S type handle cover colours

Use

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

Other colours available: consult us.

Colour	To be ordered in multiples of	Handle type	Reference
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



S type handle adapter

Use

Enables S type handles to be fitted in place of existing older style SOCOMEC handles. Adapter can also be utilised as a spacer to increase the distance between the panel door and the handle lever.

Dimensions

Add 12 mm to the handle depth.

Colour	To be ordered in multiples of	External IP ⁽¹⁾	Reference
Black	1	IP65	1493 0000

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

