

FUSERBLOC

Fuse combination switches

for industrial fuses up to 1250 A

References

BS 88 - External front and side operation - 20 to 160 A

Rating (A) Fuse size Frame size	Number of poles	Reference Switch I - 0 - TEST	Reference Changeover I - 0 - II	External front handle I - 0	TEST External front handle I - 0 - TEST	External right side handle I - 0	Changeover external front handle I - 0 - II	Shaft extensions for handle	Terminal shrouds ⁽³⁾	U type A/C ⁽²⁾	Integrated solid neutral link							
CD 20 A A1 0	3 P	3641 3000	3680 3000	S1 type Black IP65 1413 2111 ⁽¹⁾ Red/Yellow IP65 1414 2111 Red/Yellow IP65 1418 2111	S1 type Black IP65 1413 2115 ⁽¹⁾ Red/Yellow IP65 1414 2115	S1 type Black IP65 1417 2111 ⁽¹⁾ Red/Yellow IP65 1418 2111	S1 type Black IP65 1413 2113 ⁽¹⁾ Red/Yellow IP65 1414 2113	320 mm 1401 0532	IP2x as standard	1 contact NO 3999 0701 1 contact NC 3999 0702	3829 9310							
	3 P + switched neutral	3641 4000	3680 4000															
	3 P+solid neutral	3641 5000																
CD 32 A A1 0	3 P	3641 3001	3680 3001					S2 type Black IP65 1423 2111 ⁽¹⁾ Red/Yellow IP65 1424 2111				S2 type Black IP65 1423 2115 ⁽¹⁾ Red/Yellow IP65 1424 2115	S2 type Black IP65 1427 2111 ⁽¹⁾ Red/Yellow IP65 1428 2111	S2 type Black IP65 1421 2113 ⁽¹⁾ Red/Yellow IP65 1424 2113	320 mm 1400 1032	2 P 3998 2016 3 P 3998 3016 4 P 3998 4016	3829 9320	
	3 P + switched neutral	3641 4001	3680 4001															
	3 P + solid neutral	3641 5001																
32 A A1 11	2 P	3841 2003		S2 type Black IP65 1423 2111 ⁽¹⁾ Red/Yellow IP65 1424 2111	S2 type Black IP65 1423 2115 ⁽¹⁾ Red/Yellow IP65 1424 2115	S2 type Black IP65 1427 2111 ⁽¹⁾ Red/Yellow IP65 1428 2111	S2 type Black IP65 1421 2113 ⁽¹⁾ Red/Yellow IP65 1424 2113		320 mm 1400 1032						2 P 3998 2016 3 P 3998 3016 4 P 3998 4016			3829 9320
	3 P	3841 3003	3880 3003															
	4 P	3841 6003	3880 6003															
63 A A2-A3 12	2 P	3841 2006						S2 type Black IP65 1423 2111 ⁽¹⁾ Red/Yellow IP65 1424 2111	S2 type Black IP65 1423 2115 ⁽¹⁾ Red/Yellow IP65 1424 2115	S2 type Black IP65 1427 2111 ⁽¹⁾ Red/Yellow IP65 1428 2111	S2 type Black IP65 1421 2113 ⁽¹⁾ Red/Yellow IP65 1424 2113	320 mm 1400 1032	2 P 3998 2016 3 P 3998 3016 4 P 3998 4016	3829 9320				
	3 P	3841 3006	3880 3006															
	4 P	3841 6006	3880 6006															
100 A A4 ⁽⁴⁾ 13	2 P	3841 2010		S2 type Black IP65 1423 2111 ⁽¹⁾ Red/Yellow IP65 1424 2111	S2 type Black IP65 1423 2115 ⁽¹⁾ Red/Yellow IP65 1424 2115	S2 type Black IP65 1427 2111 ⁽¹⁾ Red/Yellow IP65 1428 2111	S2 type Black IP65 1421 2113 ⁽¹⁾ Red/Yellow IP65 1424 2113					320 mm 1400 1032			2 P 3998 2016 3 P 3998 3016 4 P 3998 4016	3829 9320		
	3 P	3841 3010	3880 3010															
	4 P	3841 6010	3880 6010															
CD 160 A A3-A4 ⁽⁴⁾ 13 A	2 P	3841 2014						S2 type Black IP65 1423 2111 ⁽¹⁾ Red/Yellow IP65 1424 2111	S2 type Black IP65 1423 2115 ⁽¹⁾ Red/Yellow IP65 1424 2115	S2 type Black IP65 1427 2111 ⁽¹⁾ Red/Yellow IP65 1428 2111	S2 type Black IP65 1421 2113 ⁽¹⁾ Red/Yellow IP65 1424 2113	320 mm 1400 1032	2 P 3998 2016 3 P 3998 3016 4 P 3998 4016	3829 9320				
	3 P	3841 3014	3880 3014															
	4 P	3841 6014	3880 6014															
160 A A4 14	2 P	3841 2015		S2 type Black IP65 1423 2111 ⁽¹⁾ Red/Yellow IP65 1424 2111	S2 type Black IP65 1423 2115 ⁽¹⁾ Red/Yellow IP65 1424 2115	S2 type Black IP65 1427 2111 ⁽¹⁾ Red/Yellow IP65 1428 2111	S2 type Black IP65 1421 2113 ⁽¹⁾ Red/Yellow IP65 1424 2113					320 mm 1400 1032			2 P 3998 2016 3 P 3998 3016 4 P 3998 4016	3829 9320		
	3 P	3841 3015	3880 3015															
	4 P	3841 6015	3880 6015															
160 A B1-B2 14	2 P	3841 2016						S2 type Black IP65 1423 2111 ⁽¹⁾ Red/Yellow IP65 1424 2111	S2 type Black IP65 1423 2115 ⁽¹⁾ Red/Yellow IP65 1424 2115	S2 type Black IP65 1427 2111 ⁽¹⁾ Red/Yellow IP65 1428 2111	S2 type Black IP65 1421 2113 ⁽¹⁾ Red/Yellow IP65 1424 2113	320 mm 1400 1032	2 P 3998 2016 3 P 3998 3016 4 P 3998 4016	3829 9320				
	3 P	3841 3016	3880 3016															
	4 P	3841 6016	3880 6016															

(1) Standard.

(2) 4 auxiliary contacts as standard without additional contact holder.

(3) Top/bottom.

(4) For fuse size A4: max diameter 31 mm.

FUSERBLOC

Fuse combination switches

for industrial fuses up to 1250 A

References

NFC and DIN - External front and right side operation - 25 to 125 A

Rating (A) / Fuse / Frame size	No. of poles	Switch I - 0 - TEST	Changeover switch I - 0 - II	External front handle	TEST external front handle	External right side handle	Changeover external front handle	Shaft for external handle	Auxiliary contacts ⁽³⁾	Terminal shrouds ⁽²⁾	Integrated solid neutral link																																
CD 25 A 10 x 38 0	3 P	3631 3002 ⁽¹⁾	3670 3002	S1 type Black IP65 1413 2111 Red/Yellow IP65 1414 2111	S1 type Black IP65 1413 2115 Red/Yellow IP65 1414 2115	S1 type Black IP65 1417 2111 Red/Yellow IP65 1418 2111	S1 type Black IP65 1413 2113 Red/Yellow IP65 1414 2113	320 mm 1401 0532	U-type 1 contact NO 3999 0701 1contact NC 3999 0702	IP2x as standard																																	
	3 P + switched neutral	3631 4002 ⁽¹⁾	3670 4002																																								
	3 P + solid neutral	3631 5002 ⁽¹⁾																																									
CD 32 A 10 x 38 0	3 P	3631 3003	3670 3003									S2 type Black IP65 1423 2111 Red/Yellow IP65 1424 2111	S2 type Black IP65 1423 2115 Red/Yellow IP65 1424 2115	S2 type Black IP65 1427 2111 Red/Yellow IP65 1428 2111	S2 type Black IP65 1423 2113 Red/Yellow IP65 1424 2113	320 mm 1400 1032 ⁽²⁾	2 P 3998 2016 3 P 3998 3016 4 P 3998 4016	3829 9310																									
	3 P + switched neutral	3631 4003	3670 4003																																								
	3 P + solid neutral	3631 5003																																									
CD 32 A 14 x 51 0	3 P	3631 3004 ⁽¹⁾	3670 3004																S2 type Black IP65 1423 2111 Red/Yellow IP65 1424 2111	S2 type Black IP65 1423 2115 Red/Yellow IP65 1424 2115	S2 type Black IP65 1427 2111 Red/Yellow IP65 1428 2111	S2 type Black IP65 1423 2113 Red/Yellow IP65 1424 2113	320 mm 1400 1032 ⁽²⁾	2 P 3998 2016 3 P 3998 3016 4 P 3998 4016	3829 9310																		
	3 P + switched neutral	3631 4004 ⁽¹⁾	3670 4004																																								
	3 P + solid neutral	3631 5004 ⁽¹⁾																																									
50 A 14 x 51 11	2 P	3831 2005						S2 type Black IP65 1423 2111 Red/Yellow IP65 1424 2111																		S2 type Black IP65 1423 2115 Red/Yellow IP65 1424 2115	S2 type Black IP65 1427 2111 Red/Yellow IP65 1428 2111	S2 type Black IP65 1423 2113 Red/Yellow IP65 1424 2113	320 mm 1400 1032 ⁽²⁾	2 P 3998 2016 3 P 3998 3016 4 P 3998 4016	3829 9310												
	3 P	3831 3005 ⁽¹⁾	3870 3005																																								
	4 P	3831 6005 ⁽¹⁾	3870 6005																																								
63 A 00C 12	2 P	3831 2006														S2 type Black IP65 1423 2111 Red/Yellow IP65 1424 2111																S2 type Black IP65 1423 2115 Red/Yellow IP65 1424 2115	S2 type Black IP65 1427 2111 Red/Yellow IP65 1428 2111	S2 type Black IP65 1423 2113 Red/Yellow IP65 1424 2113	320 mm 1400 1032 ⁽²⁾	2 P 3998 2016 3 P 3998 3016 4 P 3998 4016	3829 9310						
	3 P	3831 3006 ⁽¹⁾	3870 3006																																								
	4 P	3831 6006 ⁽¹⁾	3870 6006																																								
100 A 22 x 58 13	2 P	3831 2010		S2 type Black IP65 1423 2111 Red/Yellow IP65 1424 2111	S2 type Black IP65 1423 2115 Red/Yellow IP65 1424 2115	S2 type Black IP65 1427 2111 Red/Yellow IP65 1428 2111	S2 type Black IP65 1423 2113 Red/Yellow IP65 1424 2113																320 mm 1400 1032 ⁽²⁾															2 P 3998 2016 3 P 3998 3016 4 P 3998 4016	3829 9310				
	3 P	3831 3010 ⁽¹⁾	3870 3010																																								
	4 P	3831 6010 ⁽¹⁾	3870 6010																																								
125 A 22 x 58 13	2 P	3831 2011										S2 type Black IP65 1423 2111 Red/Yellow IP65 1424 2111	S2 type Black IP65 1423 2115 Red/Yellow IP65 1424 2115	S2 type Black IP65 1427 2111 Red/Yellow IP65 1428 2111	S2 type Black IP65 1423 2113 Red/Yellow IP65 1424 2113														320 mm 1400 1032 ⁽²⁾											2 P 3998 2016 3 P 3998 3016 4 P 3998 4016	3829 9310		
	3 P	3831 3011	3870 3011																																								
	4 P	3831 6011	3870 6011																																								
125 A 00 13	2 P	3831 2012																	S2 type Black IP65 1423 2111 Red/Yellow IP65 1424 2111	S2 type Black IP65 1423 2115 Red/Yellow IP65 1424 2115	S2 type Black IP65 1427 2111 Red/Yellow IP65 1428 2111	S2 type Black IP65 1423 2113 Red/Yellow IP65 1424 2113													320 mm 1400 1032 ⁽²⁾							2 P 3998 2016 3 P 3998 3016 4 P 3998 4016	3829 9310
	3 P	3831 3012	3870 3012																																								
	4 P	3831 6012	3870 6012																																								

(1) Available enclosed (see page "Enclosed fuse switches" page 730).

(2) Top/bottom.

(3) Maximum 4 contacts.

Accessories (continued)

Front operation shaft support accessory

Use

This support maintains shaft position for extension shafts greater than 320 mm in length.



fuser_698_a_2_cat

Rating (A)	Frame size	Reference
50 ... 400	11 ... 16	3899 0400

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 lengths over 320 mm.



acces_260_a_2_cat

Description	Reference
Shaft guide	1429 0000

Shaft for external front operation handle

Use

Standard lengths:

- 200 mm
- 320 mm
- 400 mm
- 500 mm.

Other lengths: consult us.

Rating (A)	Frame size	Shaft length (mm)	Reference
CD 20 ... CD 32	0	200	1401 0520
CD 20 ... CD 32	0	320	1401 0532
CD 20 ... CD 32	0	400	1401 0540 ⁽¹⁾
32 ... 400	11 ... 16	200	1400 1020
32 ... 400	11 ... 16	320	1400 1032
32 ... 400	11 ... 16	500	1400 1050 ⁽²⁾
630 ... 800	17	200	1400 1220
630 ... 1250	17/18	320	1400 1232
630 ... 1250	17/18	500	1400 1250 ⁽¹⁾

(1) Use the shaft guide accessory for external operation.

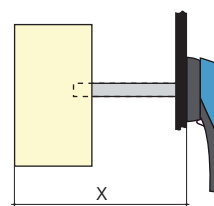
(2) Use the front operation shaft support accessory.

acces_145_b_1_cat



acces_369_a_1_cat

acces_202_a_1_x_cat



Dimension X (mm) for FUSERBLOC BS88

Rating (A)	CD 20 ... CD 32	32	63 ... 160	CD160 ... CD200	160 ... 200	250 ... 315	630 ... 800	1250
Fuse size	A1	A1	A2-A3/A4	A3-A4	B1-B2	B1-B2-B3	C1-C2-C3	D1
Frame size	0	11	12/13/14	13 A	14/15	15/16	17	18
Shaft length (mm)								
200	102 ... 245	100 ... 230	125 ... 230	150 ... 230	135 ... 230	160 ... 230	270 ... 304	
320	102 ... 365	100 ... 350	125 ... 350	150 ... 350	135 ... 350	160 ... 350	270 ... 424	304 ... 424
400	102 ... 445							
500		100 ... 530	125 ... 530	150 ... 530	135 ... 530	160 ... 530	270 ... 600	304 ... 600

Dimension X (mm) for FUSERBLOC NFC and DIN

Rating (A)	CD 25 ... CD 32	50	63	100 ... 160	160	250 ... 400	630 ... 800	800 ... 1250
Fuse size	10x38/14x51	14x51	00C	22x58/00	0	1/2	3	4
Frame size	0	11	12	13	14	15/16	17	18
Shaft length (mm)								
200	102 ... 245	100 ... 230	125 ... 230	135 ... 230	145 ... 230	160 ... 230	270 ... 304	
320	102 ... 365	100 ... 350	125 ... 350	135 ... 350	145 ... 350	160 ... 350	270 ... 424	304 ... 424
400	102 ... 445	100 ... 430	125 ... 430	135 ... 430	145 ... 430	160 ... 430	270 ... 504	304 ... 504
500		100 ... 530	125 ... 530	135 ... 530	145 ... 530	160 ... 530	270 ... 604	304 ... 604

References

Fusible disconnect

Rating (A) Fuses Frame size	No. of poles	Switch body	Direct handle	Front external handle	External right side handle ⁽¹⁾	Shaft external handle	NFPA79 kit	U-type auxiliary contacts	Terminal shrouds	
CD 30 A CC 1	3 P	3710 3003	Black 3729 4012	S0 type Black IP65 I - 0		S0 type 200 mm 7.9 inches 1405 0620	3729 4532	1 contact NO 3999 0701 1 contact NC 3999 0702	not required	
	3 P + switched neutral	3710 4003		1, 3R, 12 1493 0111		320 mm 12.6 inches 1405 0632				
	3 P + solid neutral	3710 5003		4, 4X 149D 0111		400 mm 15.7 inches 1405 0640				
CD 30 A J 2	3 P	3710 3004	3729 4014	S1 type Black IP65 I - 0		S1 type 200 mm 7.9 inches 1401 0520				
	3 P + switched neutral	3710 4004		1, 3R, 12 141F 2111		320 mm 12.6 inches 1401 0532				
	3 P + solid neutral	3710 5004		4, 4X 141D 2111		400 mm 15.7 inches 1401 0540				
30 A J 4	2 P	3861 2004	Black 3629 7910	S1 type Black	S1 type Black	S1 type	3729 7540			
	3 P	3861 3004		I - 0 1, 3R, 12 Defeatable 141F 2111		I - 0 4, 4X 141H 6111				200 mm 7.9 inches 1400 1020
	4 P	3861 6004		I - 0 4, 4X Defeatable 141D 2111		S1 type Red / yellow				320 mm 12.6 inches 1400 1032
60 A J 4	2 P	3861 2005		I - 0 - Test 4, 4X Defeatable 141D 2115	I - 0 4, 4X 141I 6111					
	3 P	3861 3005								
	4 P	3861 6005								

(1) No door interlocking.

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.

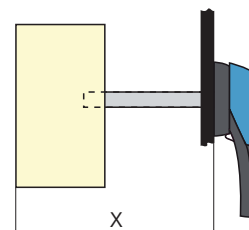
Other lengths: please consult us.

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