

Accessories (continued)

S type auxiliary contacts for signalisation - Front and right side operation

Use

Signalling of positions 0 and I,
1 to 4 NO+NC auxiliary contacts.

Connection to the control circuit

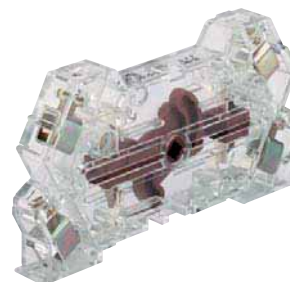
By terminals with a max. cross-section of
10 mm².

Electrical principle

The NO+NC S-type auxiliary contacts can
be configured as 2 NO or 2 NC.

Electrical characteristics

30 000 operations.



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NO+NC contact Rating (A)	Position AC	Reference
ND 125 ... ND 500	1	3999 0041
ND 125 ... ND 500	2	3999 0042
ND 125 ... ND 500	3	3999 0043
ND 125 ... ND 500	4	3999 0044

Characteristics

Rating (A)	Contact type	Current nominal (A)	Operating current I _e (A)	
			250 VAC	400 VAC
ND 125 ... ND 500	NO + NC	20	AC-13 10	AC-13 8

Terminal shrouds

Use

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

Perforations allow remote thermographic
inspection without the need to remove the
shrouds.

Advantage

Rating (A)	No. of poles	Position	Reference
ND 125 ... ND 200	3 P	top or bottom	3998 3016⁽¹⁾
ND 125 ... ND 200	4 P	top or bottom	3998 4016⁽²⁾
ND 250 ... ND 500	3 P	top or bottom	3998 3025⁽¹⁾
ND 250 ... ND 500	4 P	top or bottom	3998 4025⁽²⁾

(1) Reference composed of 3 pieces.

(2) Reference composed of 4 pieces.



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Terminal screens

Use

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

Rating (A)	No. of poles	Position	Reference
630 ... 800	3 P	top or bottom	2998 3080
630 ... 800	4 P	top or bottom	2998 4080
1250 ... 3150	3 P	top or bottom	2998 3120
1250 ... 1600	4 P	top or bottom	2998 4120



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Inter-phase barrier

Use

Safe isolation between the terminals, essential for use at 690 VAC or
in a polluted or dusty atmosphere.

Rating (A)	No. of poles	Reference
630 ... 3150	3 P	2998 0003
630 ... 1600	4 P	2998 0004



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BS 88 - External front and side operation - 200 to 1250 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 200 A A3-A4 (5) 13 A	2 P	3841 2019		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 1425 2111⁽¹⁾ Red/Yellow IP65 1428 2111	S2 type Black IP65 1422 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 3019	3880 3019						2 P 3998 2025 3 P 3998 3025 4 P 3998 4025						
	4 P	3841 6019	3880 6019												
200 A B1-B2 15	2 P	3841 2021								S3 type Black IP65 1433 3111⁽¹⁾ S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	320 mm 1400 1232	2 P 3998 2025 3 P 3998 3025 4 P 3998 4025	1 contact NO 3999 0701 1 contact NC 3999 0702
	3 P	3841 3021	3880 3021												
	4 P	3841 6021	3880 6021												
250 A B1-B2-B3 15	2 P	3841 2024		S3 type Black IP65 1433 3111⁽¹⁾ S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111		320 mm 1400 1232	2 P 3998 2024 3 P 3998 3024 4 P 3998 4024	1 contact NO 3999 0701 1 contact NC 3999 0702	3829 9325			
	3 P	3841 3024	3880 3024												
	4 P	3841 6024	3880 6024												
315 A B1-B2-B3 16	2 P	3841 2031		S3 type Black IP65 1433 3111⁽¹⁾ S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	320 mm 1400 1232	2 P 3898 2031 3 P 3898 3031 4 P 3898 4031	1 contact NO 3999 0701 1 contact NC 3999 0702	3829 9339				
	3 P	3841 3031	3880 3032⁽⁶⁾												
	4 P	3841 6031	3880 6032⁽⁶⁾												
400 A B1-B2- B3-B4 16	2 P	3841 2038		S3 type Black IP65 1433 3111⁽¹⁾ S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	320 mm 1400 1232	2 P 3898 2038 3 P 3898 3038 4 P 3898 4038	1 contact NO 3999 0701 1 contact NC 3999 0702	3829 9339				
	3 P	3841 3038													
	4 P	3841 6038													
630 A C1-C2 17	2 P	3821 2063		S3 type Black IP65 1433 3111⁽¹⁾ S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	320 mm 1400 1232	2 P 3898 2063 3 P 3898 3063 4 P 3898 4063	1 contact NO 3999 0701 1 contact NC 3999 0702	3829 9339				
	3 P	3821 3063													
	4 P	3821 6063													
800 A C1-C2-C3 17	2 P	3821 2080		S3 type Black IP65 1433 3111⁽¹⁾ S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	S3 type Black IP65 1437 3111⁽¹⁾ Red/Yellow IP65 1438 3111	320 mm 1400 1232	2 P 3898 2080 3 P 3898 3080 4 P 3898 4080	1 contact NO 3999 0701 1 contact NC 3999 0702	3829 9339				
	3 P	3821 3080													
	4 P	3821 6080													
1250 A D1 18	2 P	3821 2120		S4 type Black IP65 1443 3111⁽¹⁾	S4 type Black IP65 1443 3111⁽¹⁾	S4 type Black IP65 1443 3111⁽¹⁾	S4 type Black IP65 1443 3111⁽¹⁾	320 mm 1400 1232	2 P 3898 2120 3 P 3898 3120 4 P 3898 4120	1 contact NO 3999 0701 1 contact NC 3999 0702	3829 9339				
	3 P	3821 3120													
	4 P	3821 6120													

(1) Standard.

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

(3) Top/bottom.

(4) 8 AC as standard without support (the support is for 8 additional auxiliary contacts).

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

(6) Terminal shrouds: 3 P - 3998 3025, 4 P - 3998 4025.

BS 88 - Direct operation - 200 to 400 A

Rating (A) Fuse size Frame size	Number of poles	Reference Side direct operation	Reference Direct front operation	Side direct handle	Direct front handle	Auxiliary contacts	Terminal shrouds ⁽³⁾	Cage terminals	Handle key interlocking accessories ⁽²⁾
CD 200 A A3-A4 ⁽⁴⁾ 13 A	2 P	3625 2019	consult us	Black 3629 7901	consult us	1 contact NO/NC A-type 3999 0021⁽¹⁾ 2 contacts NO/NC A-type 3999 0022⁽¹⁾	2 P 3998 2016	3 P 5400 3016 4 P 5400 4016	3629 7913
	3 P	3625 3019	consult us				3 P 3998 3016		
	4 P	3625 6019	consult us				4 P 3998 4016		
200 A B1-B2 5	2 P	3625 2021	consult us				2 P 3998 2025 3 P 3998 3025 4 P 3998 4025	3 P 5400 3025 4 P 5400 4025	
	3 P	3625 3021	consult us						
	4 P	3625 6021	consult us						
250 A B1-B2-B3 5	2 P	3625 2024	consult us				2 P 3998 2025 3 P 3998 3025 4 P 3998 4025	3 P 5400 3025 4 P 5400 4025	
	3 P	3625 3024	consult us						
	4 P	3625 6024	consult us						
315 A B1-B2-B3 6	2 P	3625 2032	consult us				2 P 3998 2025 3 P 3998 3025 4 P 3998 4025	3 P 5400 3040 4 P 5400 4040	
	3 P	3625 3032	consult us						
	4 P	3625 6032	consult us						
400 A B1-B2-B3-B4 6	2 P	3625 2039	consult us				2 P 3998 2025 3 P 3998 3025 4 P 3998 4025	3 P 5400 3040 4 P 5400 4040	
	3 P	3625 3039	consult us						
	4 P	3625 6039	consult us						

(1) Max. 2 contacts.

(2) Lock not included.

(3) Top/bottom.

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

BS 88 - Direct operation - 630 to 1250 A

Rating (A) Fuse size Frame size	Number of poles	Reference Side direct operation	Reference Direct front operation	Side direct handle	Direct front handle	Auxiliary contacts	Terminal shrouds ⁽³⁾	Cage terminals	Handle key interlocking accessories ⁽²⁾
630 A C1-C2 17	2 P	3821 2063	3821 2063	S3 type Black 3899 7911 + 1437 3111	Black 3899 6011	1 contact NO U-type 3999 0701⁽¹⁾	2 P 3898 2080		
	3 P	3821 3063	3821 3063				3 P 3898 3080		
	4 P	3821 6063	3821 6063				4 P 3898 4080		
800 A C1-C2-C3 17	2 P	3821 2080	3821 2080		Black 3899 7011	1 contact NC U-type 3999 0702⁽¹⁾	3898 2120		
	3 P	3821 3080	3821 3080				3898 3120		
	4 P	3821 6080	3821 6080				3898 4120		
1250 A D1 18	2 P	3821 2120	3821 2120						
	3 P	3821 3120	3821 3120						
	4 P	3821 6120	3821 6120						

(1) Max. number of U-type auxiliary contacts is 8.

(2) Lock not included.

(3) Top/bottom.

NFC and DIN - Direct operation - 160 to 400 A

Rating (A) Fuse size Frame size	No. of poles	Direct side operation	Direct front operation	Direct handle	Auxiliary contacts	Terminal shrouds	Cage terminals	Lock for fuse protection cover	Handle key interlocking accessories ⁽⁵⁾
160 A 00 3	2 P	3615 2015	consult us	Black 3629 7901 ⁽⁴⁾⁽¹⁾	A-type 1 contact NO/NC 3999 0021 ⁽²⁾	2 P 3998 2016 ⁽³⁾	3 P 5400 3016 4 P 5400 4016	3999 8912	3629 7913
	3 P	3615 3015	consult us			3 P 3998 3016 ⁽³⁾			
	4 P	3615 6015	consult us			4 P 3998 4016 ⁽³⁾			
160 A 0 4	2 P	3615 2016	consult us	Black 3629 7901 ⁽⁴⁾⁽¹⁾	A-type 2 contacts NO/NC 3999 0022 ⁽²⁾	2 P 3998 2025 ⁽³⁾	3 P 5400 3025 4 P 5400 4025	3999 8216	
	3 P	3615 3016	consult us					3999 8316	
	4 P	3615 6016	consult us					3999 8416	
250 A 1 5	2 P	3615 2024	consult us			3 P 3998 3025 ⁽³⁾	3 P 5400 3025 4 P 5400 4025	3999 8225	
	3 P	3615 3024	consult us					3999 8325	
	4 P	3615 6024	consult us					3999 8425	
400 A 2 6	2 P	3615 2039	consult us			4 P 3998 4025 ⁽³⁾	3 P 5400 3040 4 P 5400 4040	3999 8240	
	3 P	3615 3039	consult us					3999 8340	
	4 P	3615 6039	consult us					3999 8440	

(1) Standard.

(2) Maximum 2 contacts.

(3) Top/bottom.

(4) Direct right side operation.

(5) Locking using RONIS EL11AP lock (lock not included).

NFC and DIN - Direct operation - 630 to 1250 A

Rating (A) Fuse size Frame size	No. of poles	Direct side and front operation	Direct front handle	Direct side handle	Auxiliary contacts	Terminal shrouds					
630 A 3 17	2 P	3811 2063	Black 3899 6011 ⁽¹⁾⁽²⁾	S3 type Black 3899 7911 + 1437 3111	U-type 1 contact NO 3999 0701 ⁽⁴⁾ 1 contact NC 3999 0702 ⁽⁴⁾	2 P 3898 2080 ⁽³⁾					
	3 P	3811 3063				3 P 3898 3080 ⁽³⁾					
	4 P	3811 6063				4 P 3898 4080 ⁽³⁾					
800 A 3 17	2 P	3811 2080				Black 3899 7011 ⁽¹⁾⁽²⁾					
	3 P	3811 3080									
	4 P	3811 6080									
800 A 4 18	2 P	3811 2081	Black 3899 7011 ⁽¹⁾⁽²⁾								
	3 P	3811 3081									
	4 P	3811 6081									
1250 A 4 18	2 P	3811 2120									
	3 P	3811 3120									
	4 P	3811 6120									

(1) Direct front operation.

(2) Standard.

(3) Top/bottom.

(4) Maximum 8 contacts.

S and ST-type auxiliary contacts

Use

For FUSERBLOCs 32 to 1250 A, position 0 and I signalling by 1 to 4 NO + NC auxiliary contacts.

Electrical principle

The NO + NC S-type auxiliary contacts can be configured as 2 NC or 2 NO.

References

S-type auxiliary contacts 0-I for external front and right-side operation (Standard operation)

Rating (A)	Frame size	Contact type	S-type AC Reference	Drive shaft (optional) Reference
32 ... 1250	11 ... 18	NC+NO	3999 0041 ⁽¹⁾	3999 0003

ST-type auxiliary contacts I-0-TEST for external front and right-side operation (TEST operation)

Rating (A)	Frame size	Contact type	Description	ST-type AC Reference	Drive shaft Reference
32 ... 400	11 ... 16	NC+NO	TEST + ON	3999 0141 ⁽²⁾	3999 0103
32 ... 400	11 ... 16	2 O	TEST + ON	3999 0241 ⁽²⁾	3999 0103

(1) Drive shaft included with S-type Auxiliary Contact.

(2) Drive shaft to be ordered in addition to the ST-type Auxiliary Contact.

Characteristics

Rating (A)	Current nominal (A)	Operating current I _e (A)	
		250 VAC AC-13	400 VAC AC-13
32 ... 1250	20	10	8

Connection

By terminals with max. cross-section 10 mm².

Mechanical characteristics

30 000 operations.



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Important:

> For the 400 A frame size 16, an adaptation kit reference 3999 0000 must be ordered in addition to the auxiliary contact kit.

Fuse cover interlocking

Use

On NFC and DIN, side direct operation, locking of the opening of the fuse protection cover when FUSERBLOC is engaged (position I).

Rating (A)	Frame size	Fuse size	No. of poles	Reference
CD 20 ... 50	0 ... 1	10 x 38 / 14 x 51	2 / 3 / 4	included
63	2	00C	2 / 3 / 4	3999 8906
100 ... 125	3	22 x 58	2 / 3 / 4	3999 8912
125 ... 160	3	00	2 / 3 / 4	3999 8912
160	4	0	2 P	3999 8216
160	4	0	3 P	3999 8316
160	4	0	4 P	3999 8416
250	5	1	2 P	3999 8225
250	5	1	3 P	3999 8325
250	5	1	4 P	3999 8425
400	6	2	2 P	3999 8240
400	6	2	3 P	3999 8340
400	6	2	4 P	3999 8440

Terminal shrouds

Use

Top or bottom IP20 protection (on the front) against direct contact with terminals or connection parts.

Two sets required to fully shroud both incoming and outgoing terminals.

Rating (A)	Frame size	Position	No. of poles	Reference
CD 20 ... 63	0/1/2/12	top / bottom	2 / 3 / 4 P	integrated
100 ... CD 200	3/4/13/14	top / bottom	2 P	3998 2016
100 ... CD 200	3/4/13/14	top / bottom	3 P	3998 3016
100 ... CD 200	3/4/13/14	top / bottom	4 P	3998 4016
200 ... 400	5/6/15	top / bottom	2 P	3998 2025
200 ... 400	5/6/15	top / bottom	3 P	3998 3025
200 ... 400	5/6/15	top / bottom	4 P	3998 4025
315 ... 400	16	top / bottom	2 P	3898 2040
315 ... 400	16	top / bottom	3 P	3898 3040
315 ... 400	16	top / bottom	4 P	3898 4040
630 ... 800	17	top / bottom	2 P	3898 2080
630 ... 800	17	top / bottom	3 P	3898 3080
630 ... 800	17	top / bottom	4 P	3898 4080
800 ... 1250	18	top / bottom	2 P	3898 2120
800 ... 1250	18	top / bottom	3 P	3898 3120
800 ... 1250	18	top / bottom	4 P	3898 4120



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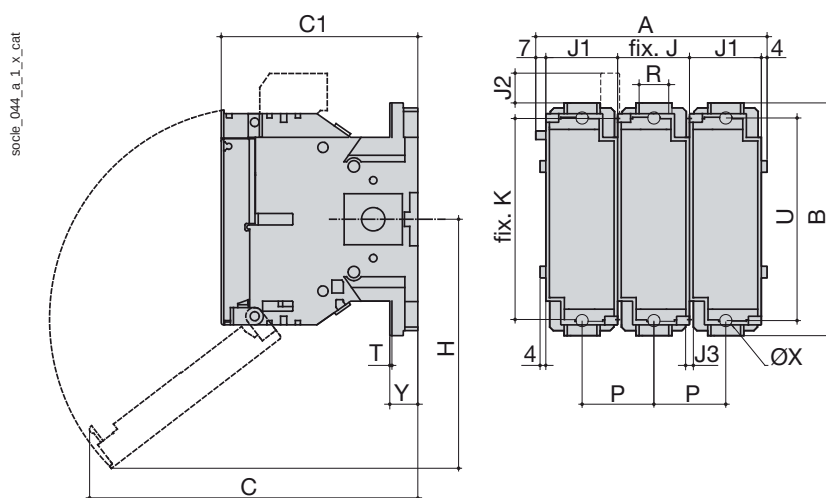
References

Multipolar fuse bases for fuses with a striker from 160 to 400 A (U = 690 V)

Rating Fuse size	160 A 0	250 A 1	400 A 2
Back plate mounted device with presence and fuse blown signalling AC (DDMM)			
No. of poles	Reference	Reference	Reference
2 P	6301 2016	6301 2024	6301 2039
3 P	6301 3016	6301 3024	6301 3039
4 P	6301 4016	6301 4024	6301 4039
Auxiliary contacts for fuse blown indication			
AC position	Reference	Reference	Reference
1 st AC	included	included	included
2 nd	3994 1901	3994 1901	3994 1901
Terminal shrouds (1 piece)			
No. of poles	Reference	Reference	Reference
2 P	3998 2016	3998 2025	3998 2025
3 P	3998 3016	3998 3025	3998 3025
4 P	3998 4016	3998 4025	3998 4025

Dimensions

160 to 400 A fuse base, size 0



Rating (A)	Fuse size	A 2 p.	A 3 p.	A 4 p.	B	C	C1	H	J	J1	J2	J3	K	P	R	T	U	ØX	Y
160	0	111	161	211	162	229	136.5	174	50	60	20.5	5.4	140	50	20	2.5	141	8.5	19.5
250	1	131	191	251	195	251	146	185	60	60	7.5	6.4	162	60	32	2.5	166	11	19.5
400	2	143	209	275	205	260	149	200	66	66	2.5	6.4	172	66	50	3	175	11	20