



FUSERBLOC

Fuse combination switches
for industrial fuses up to 1250 A



FUSERBLOC
630 to 1250 A



FUSERBLOC
32 to 400 A



FUSERBLOC
20 to 32 A

Function

FUSERBLOC are manually operated multipolar fuse combination switches. They make and break on load and provide safety isolation and protection against overcurrent for any low voltage electrical circuit.

Advantages

Improved safety

- Complete isolation of the fuse with double breaking per pole (top and bottom of fuse).
- Positive break indication.
- IP2X protection with terminal shrouds front panel.

High breaking capacity

Protection against overloads and short-circuits thanks to high breaking capacity fuses (100 kA rms).

Specific functionalities for simplified use

- TEST position for testing control circuits without energising the power poles using U-type auxiliary contacts. In TEST position, the enclosure door can be opened.
- Mechanical or electronic fuse melting detection system (see DDMM or FMD page 270).

The solution for

- > Motor load break
- > Protection of industrial processes



Strong points

- > Improved safety
- > High breaking capacity
- > Specific functionalities for simplified use

A complete range

- > Centred or left side operation, rear connections, plug-in connections. Please consult us.

Conformity to standards

- > IEC 60947-3
- > EN 60947-3
- > BS EN 60947-3
- > NBN EN 60947-3
- > IEC 60269-1
- > DIN EN 60269-1
- > NF EN 60269-1
- > IEC 60269-2
- > VDE 0636-1
- > VDE 0660-107
- > Standards UL: see FUSERBLOC UL



Approvals and certifications⁽¹⁾



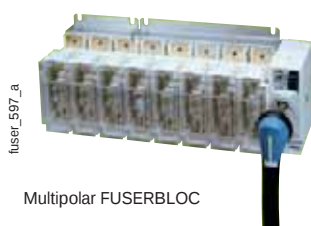
LOVAG



Lloyd's
Register

(1) Product reference on request.

Customised solutions



Multipolar FUSERBLOC



Centred operation

NFC and DIN - External front and right side operation - 160 to 1250 A

Rating (A) / Fuse / Frame size	No. of poles	Switch I - 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
160 A 00 13	2 P	3831 2015									
	3 P	3831 3015	3870 3015								
	4 P	3831 6015	3870 6015								
160 A 0 14	2 P	3831 2016									
	3 P	3831 3016⁽¹⁾	3870 3016	S2 type	S2 type	S2 type	S2 type			2 P 3998 2016 3 P 3998 3016 4 P 3998 4016	3829 9320
	4 P	3831 6016⁽¹⁾	3870 6016	Black IP65 1423 2111	Black IP65 1423 2115	Black IP65 1427 2111	Black IP65 1423 2113	320 mm 1400 1032			
250 A 1 15	2 P	3831 2024									
	3 P	3831 3024⁽¹⁾	3870 3024	Red/Yellow IP65 1424 2111	Red/Yellow IP65 1424 2115	Red/Yellow IP65 1428 2111	Red/Yellow IP65 1424 2113			2 P 3998 2025 3 P 3998 3025 4 P 3998 4025	3829 9325
	4 P	3831 6024⁽¹⁾	3870 6024								
400 A 2 16	2 P	3831 2038									
	3 P	3831 3038⁽¹⁾	3870 3039⁽⁴⁾								
	4 P	3831 6038⁽¹⁾	3870 6039⁽⁴⁾						U-type 1 contact NO 3999 0701	2 P 3898 2040 3 P 3898 3040 4 P 3898 4040	3829 9339
630 A 3 17	2 P	3811 2063									
	3 P	3811 3063⁽¹⁾		S3 type							
	4 P	3811 6063⁽¹⁾		Black IP65 1433 3111							
800 A 3 17	2 P	3811 2080									
	3 P	3811 3080		Red/Yellow IP65 1434 3111		S3 type				2 P 3898 2080 3 P 3898 3080 4 P 3898 4080	3829 9308
	4 P	3811 6080				Black IP65 1437 3111					
800 A 4 18	2 P	3811 2081									
	3 P	3811 3081		S4 type							
	4 P	3811 6081		Black IP65 1443 3111		Red/Yellow IP65 1438 3111		320 mm 1400 1232			
1250 A 4 18	2 P	3811 2120									
	3 P	3811 3120		Red/Yellow IP65 1444 3111						2 P 3898 2120 3 P 3898 3120 4 P 3898 4120	3829 9312
	4 P	3811 6120									

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

(2) Top/bottom.

(3) Maximum 4 contacts.

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

FUSERBLOC and high speed fuses (uR)

Fuse combination switches

protection of power semi-conductors up to 1250 A

FUSERBLOC for DIN 43620 uR knife-edge fuses

Characteristics

FUSERBLOC 160 A for fuse size 000 and 00															
Fuse rating (A)	10	16	20	25	32	40	50	63	80	100	125	160	200	250	315
Max. I for the FUSERBLOC (A)	10	16	20	25	32	32	37	44	51	92	105	121	140	140	140
FUSERBLOC 250 A for fuse size 1*															
Fuse rating (A)			40	50	63	80	100	125	160	200	250	315	350	400	
Max. I for the FUSERBLOC (A)			40	50	63	80	100	125	155	178	205	210	215	220	
FUSERBLOC 400 A for fuse size 2															
Fuse rating (A)						200	250	315	350	400	450	500	550	630	700
Max. I for the FUSERBLOC (A)						200	250	285	310	330	330	340	340	350	350
FUSERBLOC 630 A for fuse size 3															
Fuse rating (A)									500	550	630	700	800	900	1000
Max. I for the FUSERBLOC (A)									360	380	420	450	480	500	510

References

Direct side operation

Fuse rating (A) Frame size	No. of poles	Switch body	Direct handle	CA de précoupure et position	Fuse protection covers
160 A / 00 3	2 P	3615 2015	Black 3629 7901	1 contact NO/NC 3999 0021 2 contacts NO/NC 3999 0022	3990 7015 ⁽¹⁾
	3 P	3615 3015			3990 8015 ⁽¹⁾
	4 P	3615 6015			3990 9015 ⁽¹⁾
160 A / 0 4	2 P	3615 2016			3990 7016 ⁽¹⁾
	3 P	3615 3016			3990 8016 ⁽¹⁾
	4 P	3615 6016			3990 9016 ⁽¹⁾
250 A / 1 5	2 P	3615 2024			3990 7024 ⁽¹⁾
	3 P	3615 3024			3990 8024 ⁽¹⁾
	4 P	3615 6024			3990 9024 ⁽¹⁾
400 A / 2 6	2 P	3615 2039			3990 7039 ⁽¹⁾
	3 P	3615 3039			3990 8039 ⁽¹⁾
	4 P	3615 6039			3990 9039 ⁽¹⁾
630 A / 3 17	2 P	3811 2063	Black 3899 6011	1 contact NC 3999 0701 1 contact NO 3999 0702	3990 7063 ⁽¹⁾
	3 P	3811 3063			3890 8063 ⁽¹⁾
	4 P	3811 6063			3890 9063 ⁽¹⁾

(1) Terminal shrouds for FUSERBLOC fitted fuse blown microswitch.

External right side or front operation

Fuse rating (A) Frame size	No. of poles	Switch body	External front handle	External side handle	Shaft for external handle	Auxiliary contact pre-break and position	Fuse protection covers
160 A / 00 13	2 P	3831 2015	Black IP55 1421 2111 Red / Yellow IP65 1424 2111	Black IP55 1425 2111 Red / Yellow IP65 1428 2111	200 mm 1400 1020 320 mm 1400 1032	1 contact NC 3999 0701 1 contact NO 3999 0702	3990 7015⁽¹⁾
	3 P	3831 3015					3990 8015⁽¹⁾
	4 P	3831 6015					3990 9015⁽¹⁾
160 A / 0 14	2 P	3831 2016					3990 7016⁽¹⁾
	3 P	3831 3016					3990 8016⁽¹⁾
	4 P	3831 6016					3990 9016⁽¹⁾
250 A / 1 15	2 P	3831 2024					3990 7024⁽¹⁾
	3 P	3831 3024					3990 8024⁽¹⁾
	4 P	3831 6024					3990 9024⁽¹⁾
400 A / 2 16	2 P	3831 2039					3990 7039⁽¹⁾
	3 P	3831 3039					3990 8039⁽¹⁾
	4 P	3831 6039					3990 9039⁽¹⁾
630 A / 3 17	2 P	3811 2063	Black IP65 1433 3111	Black IP65 1437 3111	200 mm 1400 1220		3990 7063⁽¹⁾
	3 P	3811 3063	Red / Yellow IP65 1434 3111	Red / Yellow IP65 1438 3111	320 mm		3890 8063⁽¹⁾
	4 P	3811 6063			1400 1232		3890 9063⁽¹⁾

(1) Terminal shrouds for FUSERBLOC fitted fuse blown microswitch.