

FUSERBLOC

FUSIBLE DISCONNECT SWITCHES



Ferraz Shawmut FUSERBLOC disconnect switches are extremely durable, manually operated, fusible disconnect switches. The switches employ double break contacts per pole that ensure complete isolation of the fuse when the switch is in the OFF position. With safety in mind, all FUSERBLOC switches are supplied with fuse covers and line side shrouding as a standard feature. These switches provide the ultimate in short circuit protection when used with Ferraz Shawmut's Class CC, J or L fuses.

These heavy-duty switches are designed with the most up-to-date disconnect fuse and switch technology available. Designed to meet the UL98 standard, the FUSERBLOC gives you the product that "makes and breaks" power circuits on load. FUSERBLOC switches are tested and approved for use in the most demanding applications, such as "Service Entrance". The optional TEST function (up to 400A) enables testing of the control circuit auxiliaries without switching the main contacts. This function provides a simple alternative to a separately wired push button. A wide array of handles are available to meet OSHA padlocking requirements, NEMA configurations, defeater options and NFPA 79 requirements.

HIGHLIGHTS:

- Double break contacts per pole up to 400 A
- Touch safe fuse covers/line shrouding standard
- Service Entrance Rated
- Compact Footprints
- Front operated switches
- Side operated switches
- Defeatable pistol handles automatically re-latch when panel door is closed - no tool necessary to reset latch
- Test positions available up to 400A
- External or direct operation handles
- Flange operation

APPLICATIONS:

- Service entrance or main panel disconnects up to 600VAC, 800A
- "Make and Break" power circuit applications on load
- Fusible isolation switches
- NFPA 79 Solutions

Ratings

- 600 VAC, 250VDC
- 30, 60, 100, 400, 600, and 800 amperes
- up to 200kA Short Circuit Rating with Class CC, J, or L Fuses

Approvals

- All FUSERBLOC switches meet the requirements of UL98
- UL Listed Guide WHTY, File E191605 
- CSA C22.2 # 4 Class 4652 04, File 703166 
- IEC 947-3 CE mark 

Recommended fuse usage

FBCC use with ATDR*, ATMR, ATQR
 FBJ use with AJT, A4J, HSJ
 FBL use with A4BQ, A4BY, A4BT

* Recommended for DC applications

FUSERBLOC

FRONT OPERATED FUSIBLE DISCONNECT SWITCHES

FUSERBLOC RANGE: Fusible Disconnect Switches from 30 to 800 Amperes



SELECT A SWITCH

AMPERE RATING
CATALOG NUMBER: 3 POLE
CATALOG NUMBER: 4 POLE
FUSE CLASS

30	30	30	30	60
FBCC30CDT ⁽¹⁾	FBJ30CDT ⁽¹⁾	FBCC30	FBJ30	FBJ60
—	—	FBCC304	FBJ304	FBJ604
CC	J	CC	J	J

EXTERNAL OPERATION



SELECT A HANDLE

NEMA TYPE	IEC TYPE	DEFEATABLE	COLOR	CATALOG NUMBER				
1, 3R, 12, 4, 4X	IP65	NO	Black	HMSB	HMSB	—	—	—
1, 3R, 12, 4, 4X	IP65	NO	Red/Yellow	HMSR	HMSR	—	—	—



SELECT A SHAFT

SHAFT LENGTH (inches/mm)	CATALOG NUMBER				
7.9 / 200	SM200-5	SM200-5	—	—	—
12.6 / 320	SM320-5	SM320-5	—	—	—
15.7 / 400	SM400-5	SM400-5	—	—	—

OR OR



SELECT A HANDLE

NEMA TYPE	IEC TYPE	DEFEATABLE	COLOR	CATALOG NUMBER				
1, 3R, 12	IP54	YES	Black	HDPB	HDPB	—	—	—
1, 3R, 12	IP54	YES	Red/Yellow	H DPR	H DPR	—	—	—
1, 3R, 12	IP54	NO	Black	HDPBND	HDPBND	—	—	—
1, 3R, 12	IP54	NO	Red/Yellow	H DPRND	H DPRND	—	—	—



SELECT A SHAFT

SHAFT LENGTH (inches/mm)	CATALOG NUMBER				
7.9/200	SD200-5	SD200-5	—	—	—
12.6/320	SD320-5	SD320-5	—	—	—
15.7/400	SD400-5	SD400-5	—	—	—
19.7/500	SD500-5	SD500-5	—	—	—

OR OR



SELECT A HANDLE

NEMA TYPE	IEC TYPE	DEFEATABLE	COLOR	CATALOG NUMBER				
1, 3R, 12	IP54	YES	Black	HGPB	HGPB	HGPB	HGPBL	HGPBL
1, 3R, 12	IP54	YES	Red/Yellow	HGPR	HGPR	HGPR	HGPRL	HGPRL
1, 3R, 12, 4, 4X	IP65	YES	Black	HGPB4	HGPB4	HGPB4	HGPB4L	HGPB4L
1, 3R, 12, 4, 4X	IP65	YES	Red/Yellow	HGPR4	HGPR4	HGPR4	HGPR4L	HGPR4L



SELECT A SHAFT

SHAFT LENGTH (inches/mm)	CATALOG NUMBER				
7.9/200	SG200-5	SG200-5	SG200-10	SG200-10	SG200-10
12.6/320	SG320-5	SG320-5	SG320-10	SG320-10	SG320-10
15.7/400	SG400-5	SG400-5	SG400-10	SG400-10	SG400-10
19.7/500	SG500-5	SG500-5	SG500-10	SG500-10	SG500-10

DIRECT OPERATION



SELECT A HANDLE

COLOR	CATALOG NUMBER		
Black	HADB1	HADB2	This function can be achieved using side operated Fusible Disconnect Switches with direct handle as on page K 30

OPTIONS FOR EXTERNAL FRONT & DIRECT OPERATION		CATALOG NUMBER				
Terminal Lugs Kit	(for 3 and 4 pole fuse switches)	Integral	Integral	Integral	Integral	Integral
Terminal Shrouds	(for 3 and 4 pole fuse switches)	Integral	Integral	Integral	Integral	Integral
Shorting Links Kit	(3 links per Kit)	ACHCD	ACHCD	ACH	ACH	ACH
Auxiliary Contacts	Holder ⁽²⁾	AC3	AC3	AC3	AC3	AC3
	(1) N/O, 10A, 600VAC snap-on contact block, A600-Q600	AC4	AC4	AC4	AC4	AC4
	(1) N/C, 10A, 600VAC snap-on contact block, A600-Q600			AC5	AC5	AC5
	(1) NO+NC side mount contact block, A600-N600			AC6	AC6	AC6
	(2) NO+NC side mount contact blocks, A600-N600			HADB8	HADB8	HADB8
NFPA 79 solutions ⁽⁴⁾	Operation of the switch (special handle)	HADB6	HADB6	As standard	As standard	As standard
Allows to operate & padlock the switch when door is open	Padlocking facility on the switch	Included (in the kit HADB6)	Included (in the kit HADB6)			

(1) Compact Design Fusible Disconnect Switch accommodates up to 4 auxiliary contacts for FBCC30CDT and up to 2 auxiliary contacts for FBJ30CDT on the switch

(2) ACHCD accommodates up to 4 additional auxiliary contacts for FBCC30CDT and FBJ30CDT

ACH accommodates up to 8 additional auxiliary contacts

Two AC5 or one AC6 can be side mounted

(3) See NFPA 79 requirements and our solutions page L 33

(4) HADB6 requires the use of "G" type handle (IE: HGPB)

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FRONT OPERATED FUSIBLE DISCONNECT SWITCHES



SELECT A SWITCH

AMPERE RATING
CATALOG NUMBER: 3 POLE
CATALOG NUMBER: 4 POLE
FUSE CLASS

100	200	400	600	800
FBJ100	FBJ200	FBJ400	FBJ600	FBL800
FBJ1004	FBJ2004	FBJ4004	FBJ6004	FBL8004
J	J	J	J	L

EXTERNAL OPERATION



SELECT A HANDLE

NEMA TYPE	IEC TYPE	DEFEATABLE	COLOR	CATALOG NUMBER				
1,3R, 12	IP54	YES	Black	HGPBL	HGPBL	HGPBL	—	—
1, 3R, 12	IP54	YES	Red/Yellow	HGPRL	HGPRL	HGPRL	—	—
1, 3R, 12, 4, 4X	IP65	YES	Black	HGPB4L	HGPB4L	HGPB4L	HHPB4FB	HHPB4FB
1, 3R, 12, 4, 4X	IP65	YES	Red/Yellow	HGPR4L	HGPR4L	HGPR4L	HHPR4FB	HHPR4FB
1, 3R, 12, 4, 4X	IP65	NO	Black	—	—	—	HHPB4NDFB	HHPB4NDFB
1, 3R, 12, 4, 4X	IP65	NO	Red/Yellow	—	—	—	HHPR4NDFB	HHPR4NDFB



SELECT A SHAFT

SHAFT LENGTH (Inches/mm)	CATALOG NUMBER				
7.9 / 200	SG200-10	SG200-10	SG200-10	SH200-15	SH200-15
12.6 / 320	SG320-10	SG320-10	SG320-10	—	—
15.7/400	SG400-10	SG400-10	SG400-10	SH400-15	SH400-15
19.7/500	SG500-10	SG500-10	SG500-10	—	—

DIRECT OPERATION



SELECT A HANDLE

COLOR	CATALOG NUMBER		
Black	This function can be achieved using side operated Fusible Disconnect Switches with direct handle as on page K 30		
	HADB5	HADB5	HADB5



OPTIONS FOR EXTERNAL FRONT & DIRECT OPERATION

		CATALOG NUMBER				
Terminal Lugs Kit	(6 lugs per kit - for 3 poles switches) (8 lugs per kit - for 4 poles switches)	TL100 TL1004	TL200 TL2004	TL400 TL4004	TL600 TL6004	TL800 TL8004
3-pole Terminal Shrouds Kit ⁽¹⁾	(for line or load side)	TS100FB	TS200FB	—	—	—
4-pole Terminal Shrouds Kit ⁽¹⁾	(for line or load side)	TS1004FB	TS2004FB	—	—	—
3-pole Terminal Screen ⁽¹⁾	—	—	—	TS400FB ⁽²⁾	TS800FB ⁽³⁾	TS800FB ⁽³⁾
4-pole Terminal Screen ⁽¹⁾	—	—	—	TS4004FB ⁽²⁾	TS8004FB ⁽³⁾	TS8004FB ⁽³⁾
Shorting Links Kit	(3 links per kit)	SL100	SL200	SL400	SL800	SL800
Auxiliary Contacts	Holder ⁽⁴⁾	ACH	ACH	ACH	—	—
	(1) N/O, 10A, 600VAC snap-on contact block, A600-Q600	AC3	AC3	AC3	—	—
	(1) N/C, 10A, 600VAC snap-on contact block, A600-Q600	AC4	AC4	AC4	—	—
	(1) NO+NC side mount contact block, A600-N600	AC5	AC5	AC5	—	—
	(2) NO+NC side mount contact blocks, A600-N600	AC6	AC6	AC6	—	—
	(1) NO/NC screw mount contact block	—	—	—	AC9	AC9
	(2) NO/NC screw mount contact blocks	—	—	—	AC10	AC10
NFPA 79 solutions ⁽⁵⁾	Operation of the switch (special handle)	HADB8	HADB8	HADB8	—	—
Allows to operate & padlock the switch when door is open	Padlocking facility on the switch	As standard	As standard	As standard	SWL01	SWL01

(1) Line side Shrouding supplied as standard with switch

(2) As replacement part for line or load side (two terminal screens supplied as standard with switch)

(3) As replacement part for line side (standard fuse cover also shrouds load side terminals)

(4) ACH accommodates up to 8 auxiliary contacts

Two AC5 or one AC6 can be side mounted

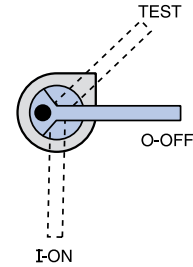
(5) See NFPA 79 requirements and our solutions page L 33

FUSERBLOC

FRONT OPERATED FUSIBLE DISCONNECT SWITCHES

FUSIBLE DISCONNECT SWITCHES INCLUDING TEST FEATURE FOR EXTERNAL FRONT OPERATION ONLY

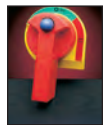
The TEST facility enables testing of the control circuit auxiliaries without switching the main contacts. This function provides a serious technical and commercial alternative to a separately wired push button.



SELECT A SWITCH

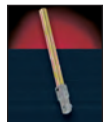
AMPERE RATING
CATALOG NUMBER: 3 POLE
CATALOG NUMBER: 4 POLE
FUSE CLASS

30	30	30	30	60
FBCC30CDT ⁽¹⁾	FBJ30CDT ⁽¹⁾	FBCC30T	FBJ30T	FBJ60T
—	—	FBCC304T	FBJ304T	FBJ604T
CC	J	CC	J	J



SELECT A HANDLE

NEMA TYPE	IEC TYPE	DEFEATABLE	COLOR	CATALOG NUMBER				
1, 3R, 12, 4, 4X	IP65	YES	Black	HGPBT4	HGPBT4	HGPBT4	HGPBT4L	HGPBT4L
1, 3R, 12, 4, 4X	IP65	YES	Red/Yellow	HGPRT4	HGPRT4	HGPRT4	HGPRT4L	HGPRT4L



SELECT A SHAFT

SHAFT LENGTH (inches/mm)	CATALOG NUMBER				
7.9 / 200	SG200-5	SG200-5	SG200-10	SG200-10	SG200-10
12.6 / 320	SG320-5	SG320-5	SG320-10	SG320-10	SG320-10
15.7 / 400	SG400-5	SG400-5	SG400-10	SG400-10	SG400-10
19.7/500	SG500-5	SG500-5	SG500-10	SG500-10	SG500-10

OPTIONS

Terminal Lugs Kit (for 3 and 4 pole fuse switches)
Terminal Shrouds (for 3 and 4 pole fuse switches)
Shorting Links Kit (3 links per Kit)
Auxiliary Contacts Holder⁽²⁾
(1) N/O, 10A, 600VAC snap-on contact block, A600-Q600
(1) N/C, 10A, 600VAC snap-on contact block, A600-Q600
(1) NO+NC side mount contact block, A600-N600
(2) NO+NC side mount contact blocks, A600-N600

CATALOG NUMBER

Integral	Integral	Integral	Integral	Integral
Integral	Integral	Integral	Integral	Integral
—	—	—	—	—
ACHCD	ACHCD	ACH	ACH	ACH
AC3	AC3	AC3	AC3	AC3
AC4	AC4	AC4	AC4	AC4
—	—	AC7	AC7	AC7
—	—	AC8	AC8	AC8



SELECT A SWITCH

AMPERE RATING
CATALOG NUMBER: 3 POLE
CATALOG NUMBER: 4 POLE
FUSE CLASS

100	200	400	—	—
FBJ100T	FBJ200T	FBJ400T	—	—
FBJ1004T	FBJ2004T	FBJ4004T	—	—
J	J	J	—	—



SELECT A HANDLE

NEMA TYPE	IEC TYPE	DEFEATABLE	COLOR	CATALOG NUMBER				
1, 3R, 12, 4, 4X	IP65	YES	Black	HGPBT4L	HGPBT4L	HGPBT4L	—	—
1, 3R, 12, 4, 4X	IP65	YES	Red/Yellow	HGPRT4L	HGPRT4L	HGPRT4L	—	—



SELECT A SHAFT

SHAFT LENGTH (inches/mm)	CATALOG NUMBER				
7.9 / 200	SG200-10	SG200-10	SG200-10	—	—
12.6 / 320	SG320-10	SG320-10	SG320-10	—	—
15.7/400	SG400-10	SG400-10	SG400-10	—	—
19.7/500	SG500-10	SG500-10	SG500-10	—	—

OPTIONS

Terminal Lugs Kit (6 lugs per kit - for 3 pole fuse switches)
3-pole Terminal Shrouds Kit⁽³⁾ (8 lugs per kit - for 4 pole fuse switches)
4-pole Terminal Shrouds Kit⁽³⁾ (for line or load side)
3-pole Terminal Screen (for line or load side)
4-pole Terminal Screen (for line or load side)
Shorting Links Kit (3 links per kit)
Auxiliary Contacts Holder⁽²⁾
(1) N/O, 10A, 600VAC snap-on contact block, A600-Q600
(1) N/C, 10A, 600VAC snap-on contact block, A600-Q600
(1) NO+NC side mount contact block, A600-N600
(2) NO+NC side mount contact blocks, A600-N600

CATALOG NUMBER

TL100	TL200	TL400	—	—
TL1004	TL2004	TL4004	—	—
TS100FB	TS200FB	—	—	—
TS1004FB	TS2004FB	—	—	—
—	—	TS400FB ⁽⁴⁾	—	—
—	—	TS4004FB ⁽⁴⁾	—	—
SL100	SL200	SL400	—	—
ACH	ACH	ACH	—	—
AC3	AC3	AC3	—	—
AC4	AC4	AC4	—	—
AC7	AC7	AC7	—	—
AC8	AC8	AC8	—	—

(1) Compact Design fusible disconnect switch accommodates up to 4 auxiliary contacts for FBCC30CDT and up to 2 auxiliary contacts for FBJ30CDT on the switch
(2) ACHCD accommodates up to 4 additional auxiliary contacts for FBCC30CDT and FBJ30CDT, ACH accommodates up to 8 additional auxiliary contacts, Two AC7 or one AC8 can be side mounted
(3) Line side Shrouding supplied as standard with switch
(4) As replacement part for line or load side (two terminal screens supplied as standard with switch)

FUSERBLOC

SIDE OPERATED FUSIBLE DISCONNECT SWITCHES

FUSERBLOC RANGE: Side operated Fusible Disconnect Switches from 30 to 400 A



SELECT A SWITCH

AMPERE RATING

CATALOG NUMBER: 3 POLE

CATALOG NUMBER: 4 POLE

FUSE CLASS

30	30	60
FBCC30S0	FBJ30S0	FBJ60S0
FBCC304S0	FBJ304S0	FBJ604S0
CC	J	J

FLANGE OPERATED HANDLE (Square D type - class 9422)



SELECT A HANDLE

NEMA TYPE	IEC TYPE	DEFEATABLE	PADLOCKABLE	CATALOG NUMBER ⁽¹⁾		
1, 3, 3R, 4, 12	IP54	YES	YES	HAF1 ⁽²⁾	HAF1 ⁽²⁾	HAF1 ⁽²⁾
4, 4X	IP65	YES	YES	HAF2 ⁽³⁾	HAF2 ⁽³⁾	HAF2 ⁽³⁾



SELECT A CABLE

CABLE LENGTH (inches/mm)	CATALOG NUMBER		
36 / 914.4	HAFC36	HAFC36	HAFC36
60 / 1524	HAFC60	HAFC60	HAFC60
120 / 3048	HAFC120	HAFC120	HAFC120

DIRECT OPERATION



SELECT A HANDLE

PADLOCKABLE	COLOR	CATALOG NUMBER		
YES	Black	HADB3	HADB4	HADB4

OPTIONS FOR FLANGE & DIRECT OPERATION HANDLE FROM 30 TO 60 A

		CATALOG NUMBER		
Terminal Lugs Kit	For 3 and 4 pole fuse switches	Integral	Integral	Integral
Terminal Shrouds	For 3 and 4 pole fuse switches	Integral	Integral	Integral
Shorting Links Kit	(3 links per kit - for 3 pole fuse switches)	—	—	SL60
Auxiliary Contacts ⁽⁴⁾	(1) NO + NC side mount contact block, A600-N600	AC5	AC5	AC5
	(2) NO + NC side mount contact blocks, A600-N600	AC6	AC6	AC6



SELECT A SWITCH

AMPERE RATING

CATALOG NUMBER: 3 POLE

CATALOG NUMBER: 4 POLE

FUSE CLASS

100	200	400
FBJ100S0	FBJ200S0	FBJ400S0
FBJ1004S0	FBJ2004S0	FBJ4004S0
J	J	J

FLANGE OPERATED HANDLE



SELECT A HANDLE

NEMA TYPE	IEC TYPE	DEFEATABLE	PADLOCKABLE	CATALOG NUMBER ⁽¹⁾		
1, 3, 3R, 4, 12	IP54	YES	YES	HAF1 ⁽²⁾	HAF1 ⁽²⁾	HAF1 ⁽²⁾
4, 4X	IP65	YES	YES	HAF2 ⁽³⁾	HAF2 ⁽³⁾	HAF2 ⁽³⁾



SELECT A CABLE

CABLE LENGTH (inches/mm)	CATALOG NUMBER		
36 / 914.4	HAFC36	HAFC36	HAFC36
60 / 1524	HAFC60	HAFC60	HAFC60
120 / 3048	HAFC120	HAFC120	HAFC120

DIRECT OPERATION



SELECT A HANDLE

PADLOCKABLE	COLOR	CATALOG NUMBER		
YES	Black	HADB4	HADB4	HADB4



OPTIONS FOR FLANGE & DIRECT OPERATION HANDLE FROM 100 TO 400 A

		CATALOG NUMBER		
Terminal Lugs Kit	(6 lugs per kit - for 3 pole fuse switches)	TL100	TL200	TL400
	(8 lugs per kit - for 4 pole fuse switches)	TL1004	TL2004	TL4004
3-pole Terminal Shrouds Kit ⁽⁵⁾	(for line or load side)	TS100FB	TS200FB	—
4-pole Terminal Shrouds Kit ⁽⁵⁾	(for line or load side)	TS1004FB	TS2004FB	—
3-pole Terminal Screen	(for line or load side)	—	—	TS400FB ⁽⁶⁾
4-pole Terminal Screen	(for line or load side)	—	—	TS4004FB ⁽⁶⁾
Shorting Links Kit	(3 links per kit - for 3 pole fuse switches)	SL100	SL200	SL400
Auxiliary Contacts ⁽⁴⁾	(1) NO+NC side mount contact block, A600-N600	AC5	AC5	AC5
	(2) NO+NC side mount contact blocks, A600-N600	AC6	AC6	AC6

(1) Flange handle includes the flange operator and the coupling mechanism to connect switch and cable together

(2) All external metal parts are sheet steel - (3) All external metal parts are either stainless steel or a chrome-plated non-ferrous die casting

(4) Two AC5 or one AC6 can be side mounted

(5) Line side Shrouding supplied as standard with switch

(6) As replacement part (two terminal screens supplied as standard with switch)

Note: Side-external handle and shaft available, consult with factory.

FUSERBLOC

FUSIBLE DISCONNECT SWITCHES FROM 30 TO 800 A

UL, cUL AND CSA TECHNICAL CHARACTERISTICS FOR FRONT & SIDE OPERATION

Catalog number		FBCC30CDT	FBJ30CDT	FBCC30 / FBCC304 FBCC30T / FBCC304T FBCC30S0 / FBCC304S0	FBJ30 / FBJ304 FBJ30T / FBJ304T FBJ30S0 / FBJ304S0
Rating		30	30	30	30
Fuse type	A	CC	J	CC	J
Operating voltage	V	600	600	600	600
Max horsepower rating/ Max motor FLA current					
Three phase					
208 V		5/17.5	5/17.5	5/17.5	5/17.5
240 V		7.5/22	7.5/22	7.5/22	7.5/22
480 V		15/21	15/21	15/21	15/21
600 V		20/22	20/22	20/22	20/22
DC 125 V	2 poles in series except (1)	3/25	3/25	3/25	3/25
DC 250 V		5/20	5/20	5/20	5/20
Short circuit rating with fuses	kA	65	65	100	200
Branch circuit fuse type		CC	J	CC	J
Max fuse rating (A)		30	30	30	30
Dimension 3 pole (front operated switches)	H in	4.56	4.56	5.87	5.87
	W in	3.78	4.13	5.63	6.72
	D in	3.28	3.89	3.89	5.62
Shaft size square (front operated switches)	in	0.2 x 0.2	0.2 x 0.2	0.4 x 0.4	0.4 x 0.4
	mm	5 x 5	5 x 5	10 x 10	10 x 10
3-pole switch operating torque (front operation)	lb. in.	21	21	53	88
Terminal lugs kit (# of lugs per kit)		Integral	Integral	Integral	Integral
Wire range AWG (# of wire holes per lug)		#10-#14 (1)	#10-#14 (1)	#10-#14 (1)	#3-#10 (1)
Wire tightening torque	lb. in.	27	27	48	58

Catalog number		FBCC30CDT	FBJ30CDT	FBCC30 / FBCC304 FBCC30T / FBCC304T FBCC30S0 / FBCC304S0	FBJ30 / FBJ304 FBJ30T / FBJ304T FBJ30S0 / FBJ304S0
Rating	A	32 CD	32 CD	32	32
Rated Insulation voltage Ui (V)	V	800	800	750	750
Rated impulse voltage (Uimp)		8 kV	8 kV	8 kV	8 kV
Operating current Ie (A)					
400 V AC	AC 22A	32	32	32	32
	AC 23A	32	32	32	32
690 V AC	AC 22A	32	32	32	32
	AC 23A	32	32	32	32
Motor Power (kW)					
400 V AC	AC 23A	15	15	15	15
500 V AC	AC 23A	18.5	18.5	18.5	18.5
690 V AC	AC 23A	25	25	25	25
Max. peak let through current (gG)	kA peak	5.5	5.5	7.6	17.6
Connection					
Minimum Cu cable section	mm ²	6	6	6	6
Minimum CU busbar section	mm ²	—	—	—	—

FUSERBLOC

FUSIBLE DISCONNECT SWITCHES FROM 30 TO 800 A

UL, cUL AND CSA TECHNICAL CHARACTERISTICS FOR FRONT & SIDE OPERATION

Catalog number	FBJ60 / FBJ604 FBJ60T / FBJ604T FBJ60S0 / FBJ604S0	FBJ100 / FBJ1004 FBJ100T / FBJ1004T FBJ100S0 / FBJ1004S0	FBJ200 / FBJ2004 FBJ200T / FBJ2004T FBJ200S0 / FBJ2004S0	FBJ400 / FBJ4004 FBJ400T / FBJ4004T FBJ400S0 / FBJ4004S0	FBJ600 / FBJ6004	FBL800 / FBL8004
Rating	60	100	200	400	600	800
Fuse type	J	J	J	J	J	L
Operating voltage	600	600	600	600	600	600
Max horsepower rating/ Max motor FLA current						
Three phase						
208 V	15/48.5	25/78.5	50/150	100/286	150/415	200/554
240 V	15/42	30/80	60/154	125/312	250/602	250/602
480 V	30/40	60/77	125/156	250/302	500/590	500/590
600 V	50/52	75/77	150/144	350/336	500/472	500/472
DC 125 V } 2 poles in series	3/25	7.5/58	15/112	20/148	—	—
DC 250 V } except (1)	10/38	20/38	40/140(1)	50/173(1)	—	—
Short circuit rating with fuses	200	200	200	200	200	200
Branch circuit fuse type	J	J	J	J	J	L
Max fuse rating (A)	60	100	200	400	600	800
Dimension 3 pole (front operated switches)	5.87	7.19	8.13	14.31	14.25	14.25
	6.72	8.26	9.44	11.93	17.18	17.18
	5.62	5.63	6	5.56	12.87	12.87
Shaft size square (front operated switches)	0.4 X 0.4	0.4 X 0.4	0.4 X 0.4	0.4 X 0.4	0.59 x 0.59	0.59 x 0.59
	10 x 10	10 x 10	10 x 10	10 x 10	15 x 15	15 x 15
3-pole switch operating torque (front operation)	88	88	106	132	350	350
Terminal lugs kit (# lugs per kit)	Integral	Optional (6)	Optional (6)	Optional (6)	Optional (6)	Optional (6)
Wire range AWG (# of wire holes per lug)	#3-#10 (1)	2/0-#14 (1)	3/0-#6 (1)	600 kcmil-#2 (2)	600 kcmil-#2 (2)	600 kcmil-#2 (3)
Wire tightening torque	58	120	200	500	500	500

(1) 3 pole in series

IEC 947-3 TECHNICAL CHARACTERISTICS FOR FRONT & SIDE OPERATION

Catalog number	FBJ60 / FBJ604 FBJ60T / FBJ604T FBJ60S0 / FBJ604S0	FBJ100 / FBJ1004 FBJ100T / FBJ1004T FBJ100S0 / FBJ1004S0	FBJ200 / FBJ2004 FBJ200T / FBJ2004T FBJ200S0 / FBJ2004S0	FBJ400 / FBJ4004 FBJ400T / FBJ4004T FBJ400S0 / FBJ4004S0	FBJ600 / FBJ6004	FBL800 / FBL8004
Rating	60	100	200	400	600	800
Rated Insulation voltage Ui (V)	750	750	750	800	1000	1000
Rated impulse voltage (Uimp)	8 kV	8 kV	8 kV	8 kV	12 kV	12 kV
Operating current Ie (A)						
400 V AC	63	100	200	400	630	800
	63	100	200	400	630	800
690 V AC	63	100	200	400	630	800
	63	100	200	250	630	630
Motor Power (kW)						
400 V AC	30	51	100	220	355	450
500 V AC	40	63	140	220	450	560
690 V AC	55	90	185	220	600	600
Max. peak let through current (gG)	17.6	22	32	36	77	77
Connection						
Minimum Cu cable section	10	25	50	185	2 x 150	—
Minimum CU busbar section	—	—	—	—	—	2 x 40 x 5

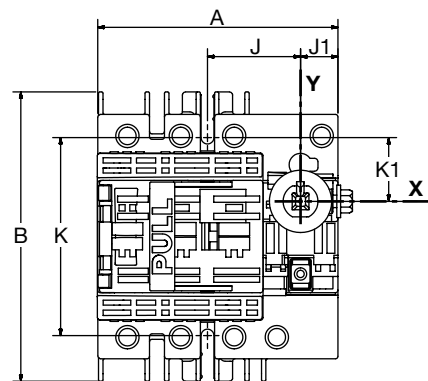
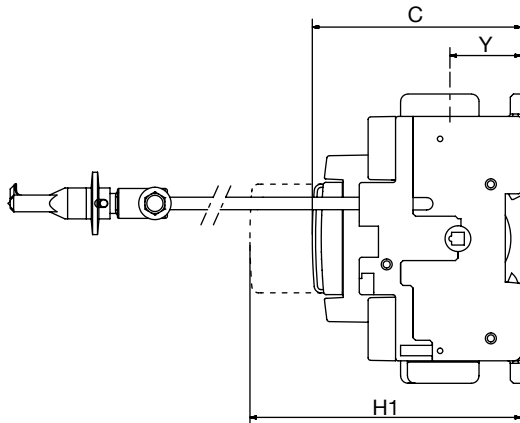
FUSERBLOC

FRONT OPERATED FUSIBLE DISCONNECT SWITCHES

DIMENSIONS (dual dimensions: in/mm)

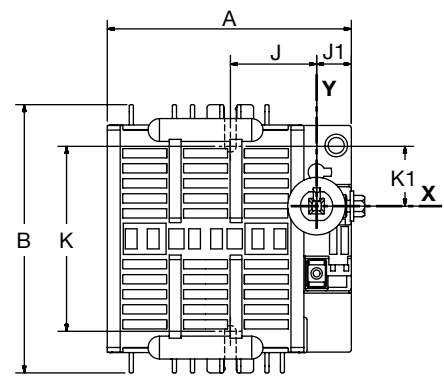
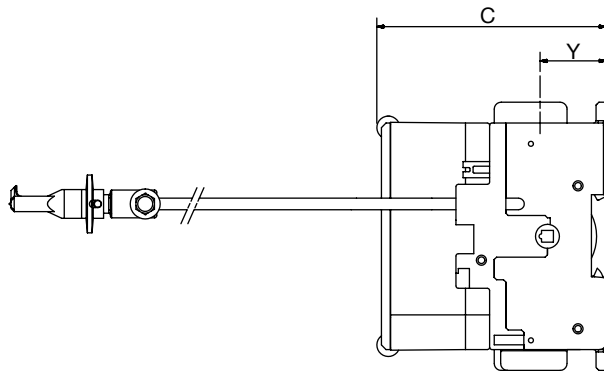
FUSERBLOC CD 30A CC

FBCC30CDT



FUSERBLOC CD 30A J

FBJ30CDT



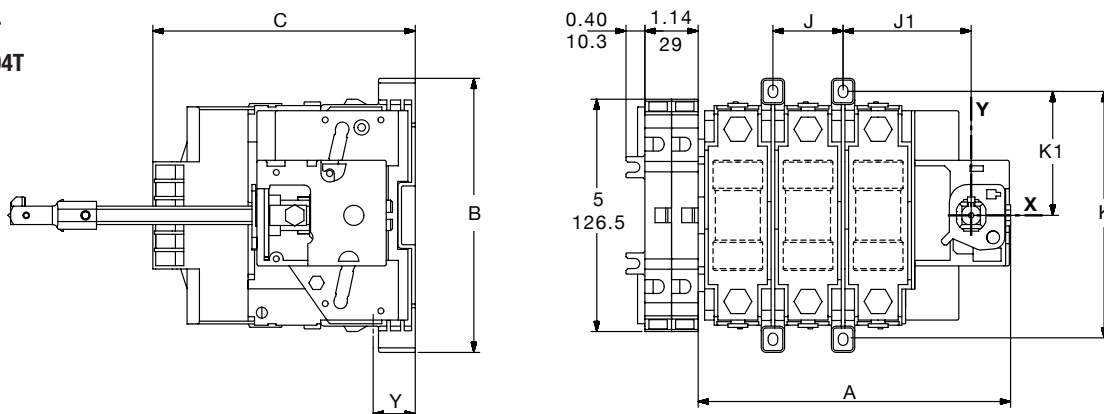
RATING	NUMBER OF POLES	A		B		C		H		H1		H2		H3		J		J1		K		K1		Y	
		In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
30A CC CD type	3 P	3.78	96	4.56	116	3.28	83.5	—	—	5.19	132	—	—	—	—	1.47	37.5	0.59	15	3.13	79.5	1	25.5	1.12	28.5
30A J CD type	3 P	4.13	105	4.56	116	3.89	99	—	—	—	—	—	—	—	—	1.47	37.5	0.59	15	3.30	84	1	25.5	1.12	28.5

FUSERBLOC FRONT OPERATED FUSIBLE DISCONNECT SWITCHES

DIMENSIONS (dual dimensions: in/mm)

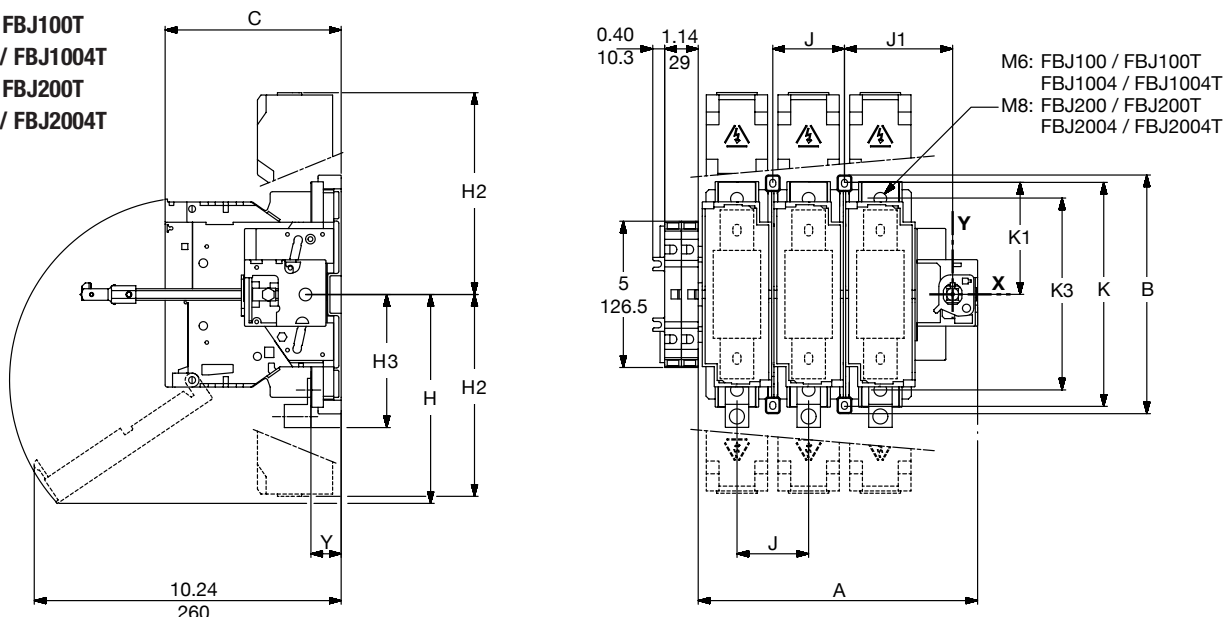
FUSERBLOC 30A CC - 30A J - 60A J

FBCC30 / FBCC30T
FBCC304 / FBCC304T
FBJ30 / FBJ30T
FBJ304 / FBJ304T
FBJ60 / FBJ60T
FBJ604 / FBJ604T



FUSERBLOC 100A J - 200A J

FBJ100 / FBJ100T
FBJ1004 / FBJ1004T
FBJ200 / FBJ200T
FBJ2004 / FBJ2004T



RATING	NUMBER OF POLES	A		B		C		H		H2		H3		J		J1		K		K1		K3		Y	
		In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
30A CC	3 P	5.63	143	5.87	149	3.89	99	—	—	—	—	—	—	1.14	29	2.38	60.5	5.31	135	2.63	66.5	—	—	1.21	31
	4 P	6.77	172											—	—	—	—	—	—	—	—	—	—	—	—
30A J	3 P	6.72	171	5.87	149	5.62	143	—	—	—	—	—	—	1.5	38	2.75	69.5	5.31	135	2.63	66.5	—	—	0.95	24.5
	4 P	8.23	209											—	—	—	—	—	—	—	—	—	—	—	—
60A J	3 P	6.72	171	5.87	149	5.62	143	—	—	—	—	—	—	1.5	38	2.75	69.5	5.31	135	2.63	66.5	—	—	0.95	24.5
	4 P	8.23	209											—	—	—	—	—	—	—	—	—	—	—	—
100A J	3 P	8.26	210	7.19	182.5	5.63	143	4.06	103	5.27	134	3.66	93	2.05	52	3.28	83.5	6.61	168	3.28	83.5	5.55	141	1	26
	4 P	10.31	262											—	—	—	—	—	—	—	—	—	—	—	—
200A J	3 P	9.44	240	8.13	206.5	6	152	7.27	184.5	6.87	174.5	4.79	122	2.44	62	3.68	93.5	7.56	192	3.75	95.5	6.53	166	1.03	26
	4 P	11.89	302											—	—	4.66	118.5	—	—	—	—	—	—	—	—

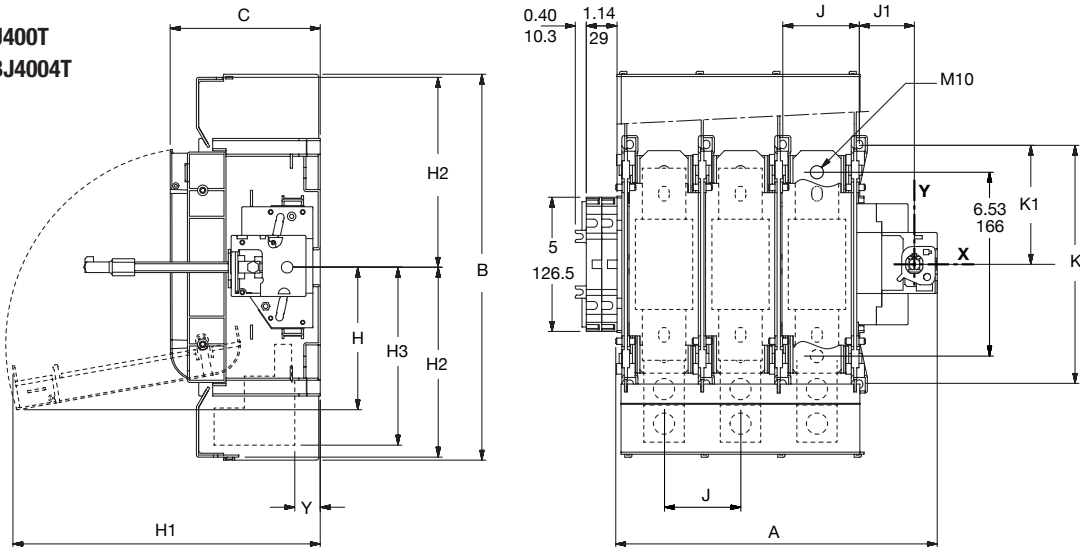
FUSERBLOC

FRONT OPERATED FUSIBLE DISCONNECT SWITCHES

DIMENSIONS (dual dimensions: in/mm)

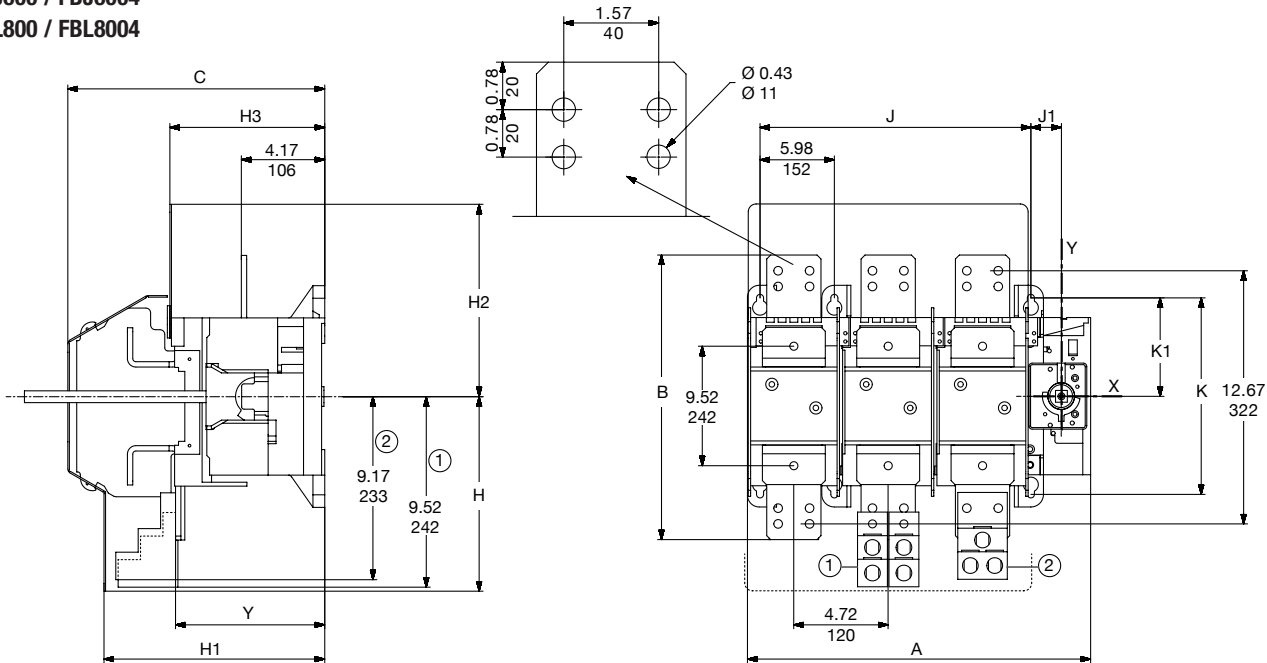
FUSERBLOC 400A J

FBJ400 / FBJ400T
FBJ4004 / FBJ4004T



FUSERBLOC 600A J - 800A L

FBJ600 / FBJ6004
FBL800 / FBL8004



RATING	NUMBER OF POLES	A		B		C		H		H1		H2		H3		J		J1		K		K1		Y	
		In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
400A J	3 P	11.93	303	14.31	363.5	5.56	141.5	5.28	134.5	11.41	290	7.04	179	6.59	167.5	2.84	72	2.04	52	8.83	224	4.41	112	1.06	27
	4 P	14.76	375																						
600A J 800A L	3 P	17.18	436.5	14.25	362	12.87	327	9.74	247.5	11.06	281	8.66	220	7.75	197	13.58	345	1.51	38.5	9.84	250	4.92	125	7.48	190
	4 P	21.9	556.5													18.30	465								

FUSERBLOC

SIDE OPERATED FUSIBLE DISCONNECT SWITCHES

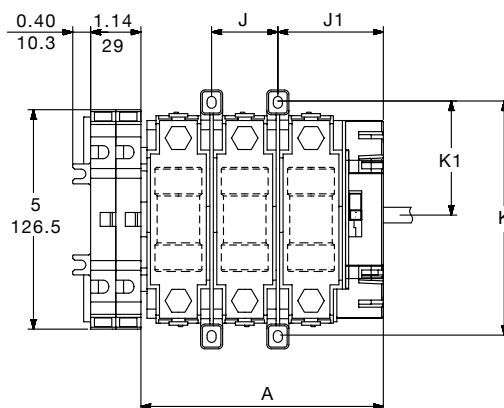
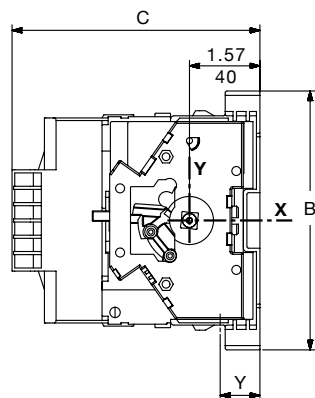
DIMENSIONS (dual dimensions: in/mm)

FUSERBLOC 30A CC - 30A J - 60A J

FBCC30SO / FBCC304SO

FBJ30SO / FBJ304SO

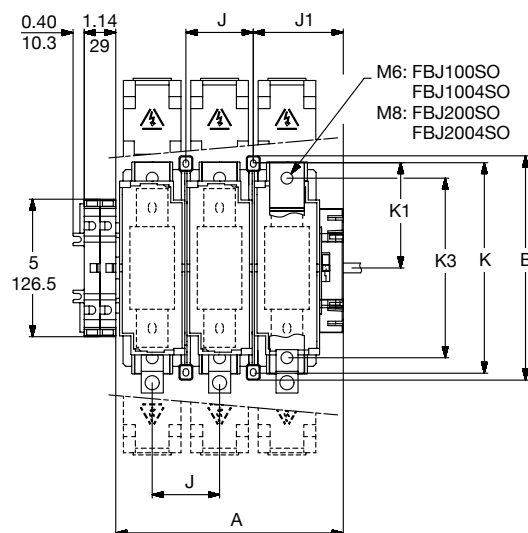
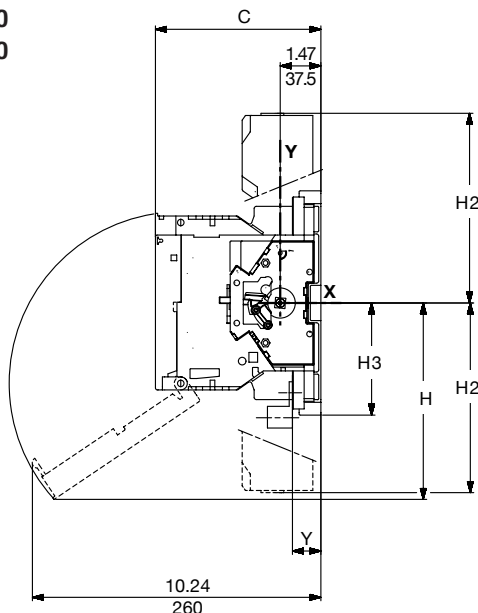
FBJ60SO / FBJ604SO



FUSERBLOC 100A J - 200A J

FBJ100SO / FBJ1004SO

FBJ200SO / FBJ2004SO



RATING	NUMBER OF POLES	A		B		C		H		H2		H3		J		J1		K		K1		K3		Y	
		In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
30A CC	3 P	4.37	111	5.87	149	3.89	99	—	—	—	—	—	—	1.14	29	1.97	50	5.31	135	2.63	66.5	—	—	1.21	31
	4 P	5.51	140																						
30A J	3 P	5.45	138.5	5.87	149	5.62	143	—	—	—	—	—	—	1.5	38	2.32	59	5.31	135	2.63	66.5	—	—	0.95	24.5
	4 P	6.95	176.5																						
60A J	3 P	5.45	138.5	5.87	149	5.62	143	—	—	—	—	—	—	1.5	38	2.32	59	5.31	135	2.63	66.5	—	—	0.95	24.5
	4 P	6.95	176.5																						
100A J	3 P	7.09	180	7.19	182.5	5.63	143	4.06	103	5.27	134	3.66	93	2.05	52	2.86	73	6.61	168	3.28	83.5	5.55	141	1	26
	4 P	9.13	232																						
200A J	3 P	9.47	240.5	8.13	206.5	6	152	7.27	184.5	6.87	174.5	4.79	122	2.44	62	4.47	113.5	7.56	192	3.75	95.5	6.53	166	1.03	26
	4 P	11.9	302.5																						

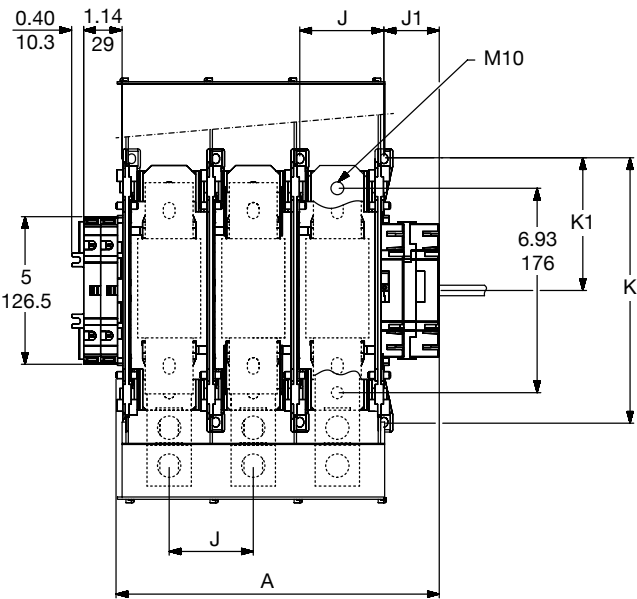
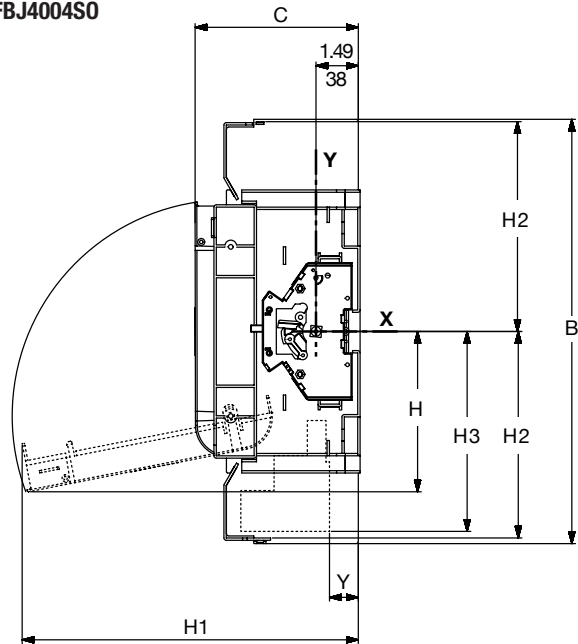
FUSERBLOC

SIDE OPERATED FUSIBLE DISCONNECT SWITCHES

DIMENSIONS (dual dimensions: in/mm)

FUSERBLOC 400A J

FBJ400SO
FBJ4004SO



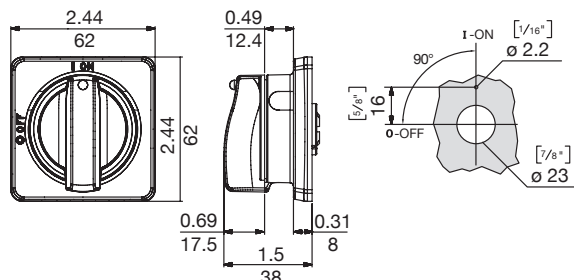
RATING	NUMBER OF POLES	A		B		C		H		H1		H2		H3		J		J1		K		K1		Y	
		In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
400A J	3 P	10.9	277	14.31	363.5	5.57	141.5	5.29	134.5	11.42	290	7.04	179	6.59	167.5	2.84	72	1.89	48	8.82	224	4.41	112	1.06	27
	4 P	13.74	349																						

FUSERBLOC

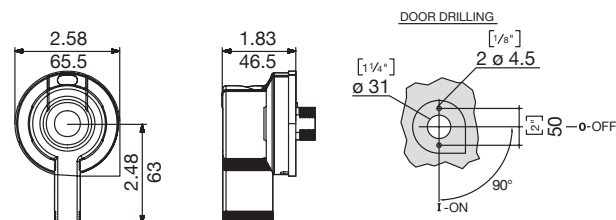
FUSIBLE DISCONNECT SWITCHES

HANDLES FOR EXTERNAL FRONT OPERATION

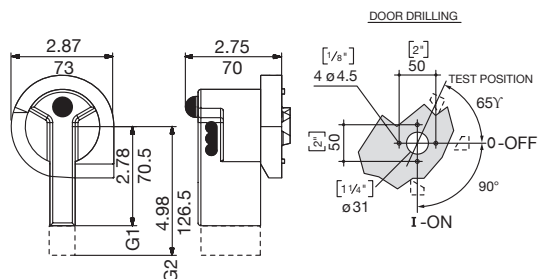
SELECTOR HANDLE TYPE M



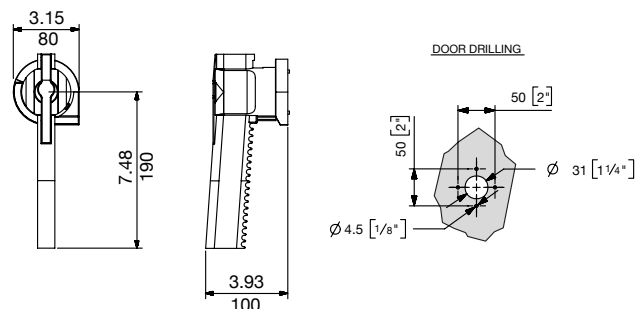
PISTOL HANDLE TYPE D



PISTOL HANDLE TYPE G

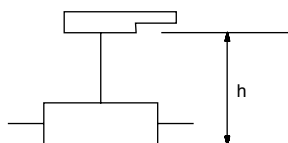


PISTOL HANDLE TYPE H



BACKPLATE TO DOOR DISTANCE WITH SHAFT EXTENSION (in/mm)

MINIMUM DISTANCE (in/mm)

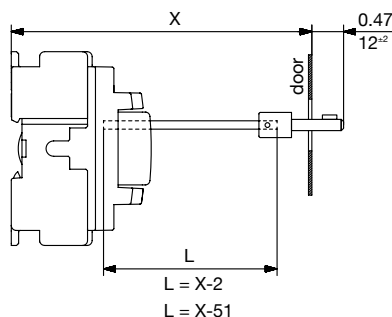


h minimum dimension	HANDLE TYPE M		HANDLE TYPE D		HANDLE TYPE G		HANDLE TYPE H	
	In	mm	In	mm	In	mm	In	mm
FUSERBLOC CD 30 A CC	4.73	120	5.12	130	4.14	105	-	-
FUSERBLOC CD 30 A J	5.32	135	5.91	150	4.73	120	-	-
FUSERBLOC 30 A CC	-	-	-	-	4.73	120	-	-
FUSERBLOC 30 A J - 60 A J	-	-	-	-	6.50	165	-	-
FUSERBLOC 100 A J	-	-	-	-	6.50	165	-	-
FUSERBLOC 200 A J	-	-	-	-	6.89	175	-	-
FUSERBLOC 400 A J	-	-	-	-	6.50	165	-	-
FUSERBLOC 600 A J - 800 A L	-	-	-	-	-	-	16.38	416

SHAFT TRIMMING LENGTH (=DIMENSION L)

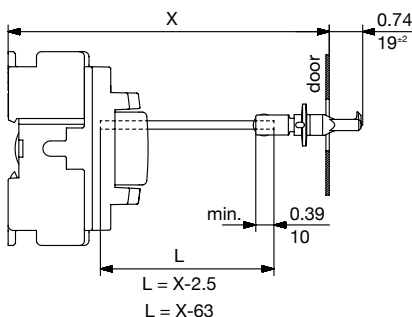
SELECTOR HANDLE TYPE M

FBCC30CDT - FBJ30CDT



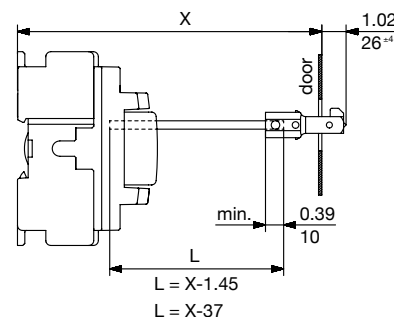
PISTOL HANDLE TYPE D

FBCC30CDT - FBJ30CDT



PISTOL HANDLE TYPE G

FBCC30CDT - FBJ30CDT

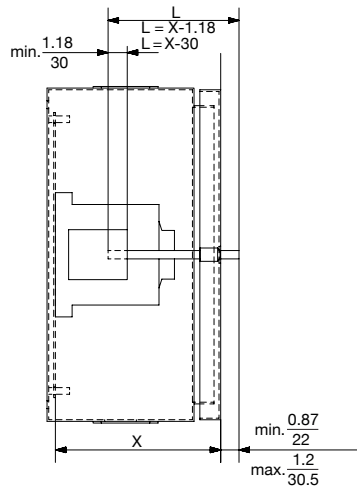


FUSERBLOC

FUSIBLE DISCONNECT SWITCHES

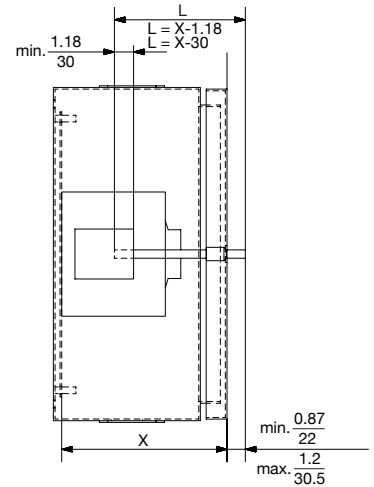
PISTOL HANDLE TYPE G

FBCC30 / FBCC30T
FBCC304 / FBCC304T
FBJ30 / FBJ30T
FBJ304 / FBK304T
FBJ60 / FBJ60T
FBJ604 / FBJ604T
FBJ100 / FBJ100T
FBJ1004 / FBJ1004T
FBJ200 / FBJ200T
FBJ2004 / FBJ2004T



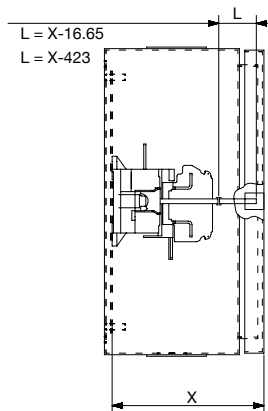
PISTOL HANDLE TYPE G

FBJ400 / FBJ400T
FBJ4004 / FBJ4004T



PISTOL HANDLE TYPE H

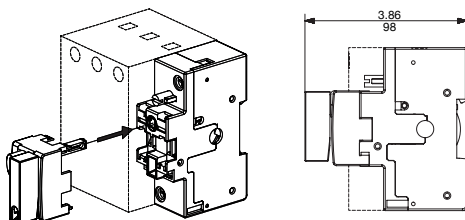
FBJ600
FBJ6004
FBL800
FBL8004



HANDLES FOR DIRECT FRONT OPERATION

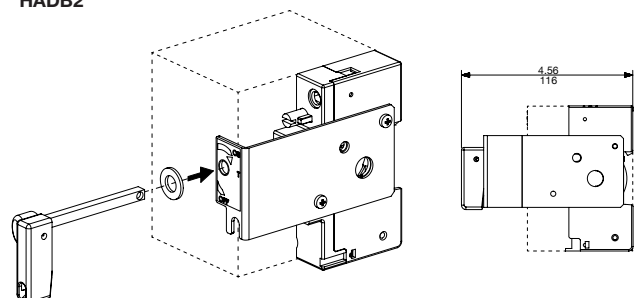
PISTOL HANDLE TYPE P

HADB1



PISTOL HANDLE TYPE P

HADB2



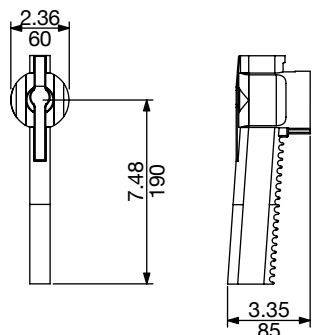
K

FUSERBLOC

FUSIBLE DISCONNECT SWITCHES

PISTOL HANDLE TYPE H

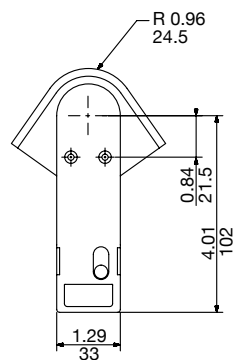
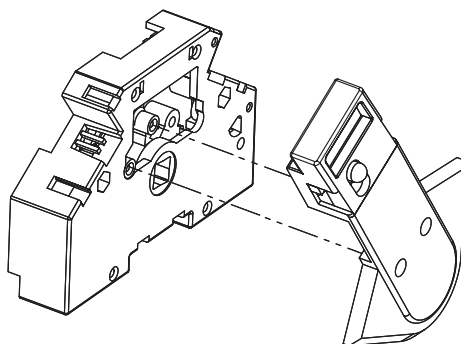
HADB5



HANDLES FOR DIRECT SIDE OPERATION

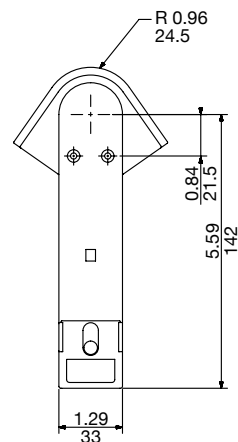
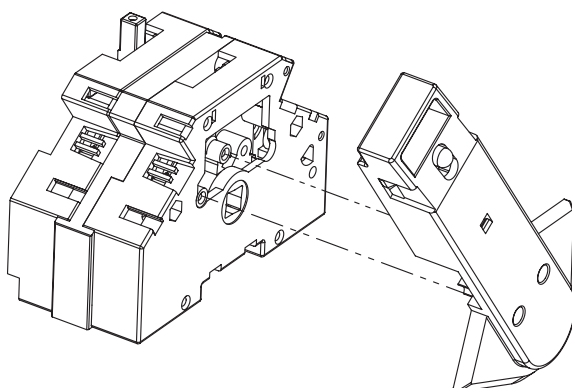
HANDLE TYPE F (SHORT VERSION)

HADB3



HANDLE TYPE F (LONG VERSION)

HADB4

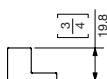


FUSIBLE DISCONNECT SWITCHES

SQUARE D TYPE FLANGE HANDLE - CLASS 9422 (A1 & A2)

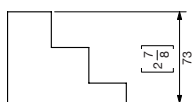


for use with FUSERBLOC 100 J



1 wire 2/0 - #14

for use with FUSERBLOC 400 J - 600 J - 800 L



2 wires 600 MCM-2

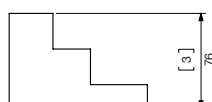
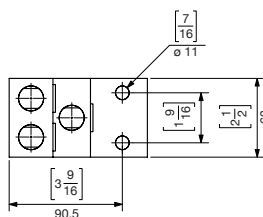
Note: 2 lugs required per terminal for FUSERBLOC 800 A L

for use with FUSERBLOC 200 J



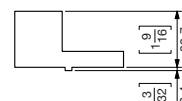
1 wire 3/0 - #6

for use with FUSERBLOC 800 L



3 wires 600MCM-2

for use with FUSERBLOC 400 A



1 wire 600 MCM-2