



FUSED DISCONNECT SWITCHES

**ATEX & IEC Ex**

II 2 G Ex db IIB+H2 T6 CE 0518

II 2 D Ex tb IIIC T85°C IP66

Ta -50°C to +70°C

IECEX QPS 17.0013U

IECEX QPS 17.0014

CML17 ATEX (pending)

CML17 ATEX (pending)

NORTH AMERICA

Class I, Div. 1 & 2, Groups B, C & D;

Class I, Zone 1 & 2, Groups IIB+H2 IIA;

Class II, Div. 1 & 2, Groups E, F & G;

Class III, Encl. Type 4 & 4X

UL Ta = -25°C to +70°C

CSA Ta = -50°C to +70°C

UL Classified File E83969

CSA Certified File LR11716

TYPE 3, 4, 4X, 7 (B,C,D) 9 (E, F, G)

FEATURES-SPECIFICATIONS**Features**

- New lighter (up to 35%) EXBLT enclosure, fewer cover bolts than our competitors, gasketed plate cover, 316 stainless steel cover bolts, ductile mounting lugs.
- UL98 Fused Disconnect Switch, Horsepower Rated.
- Available as 3 Pole switch.
- Auxiliary Contacts, accepts up to two contacts per side of switch.
- Switch has removable fuse clips, retaining the fuse for safe replacement.
- Solid Neutral, Detachable Neutral and Ground Terminal available as an option.
- Can be ordered with or without the switch, allows for field installation of switch while maintaining product certification.
- Switch operating handle can be padlocked in the "ON" or "OFF" position providing lockout/tagout protection.
- Conduit outlets top and bottom drilled and tapped for power connections, with custom openings available.

Materials

- Box: Molded from 356-T6 copper free aluminum, less than 1/10 of 1% copper alloy and less than 6% magnesium.
- Cover: Plate cover is made of 6061-T6 aluminum alloy.
- Hinges: Extruded aluminum with stainless steel pin hardware.
- Bolts: 316 Stainless Steel.
- Finish: Natural finish without paint.

Electrical Rating

- 600VAC, 3 Pole, 50/60Hz

EXBLTP-FDS FUSED DISCONNECT SWITCHES

UL98 & IEC - Suitable for use as motor disconnects or industrial control panel disconnects on service entrance equipment, panelboards, switchboards, industrial control equipment, motor control centers, etc. and are horsepower rated and ampere rated.

CATALOG NUMBER		SWITCH RATING IEC/NEC		SINGLE PHASE HP		THREE PHASE HP				TERMINAL LUG SIZE (MM/AWG)	WEIGHT (KG/LBS)	CONDUITS TOP/BOTTOM
EXBLTP	W/ ABB SWITCH	AMPS	TYPE	120 VAC	230 VAC	208 VAC	230 VAC	480 VAC	600 VAC			
686	EXBLTP-FDS-0303P	40/30	3 Pole	2	5	10	10	20	30	2.5 - 25mm/#14 - 4 AWG	23.7/10.8	(1) 1" (1) 1/2"
886	EXBLTP-FDS-0603P	63/60	3 Pole	3	7.5	20	20	40	40	2.5 - 25mm/#14 - 4 AWG	27.9/12.7	(1) 1-1/2" (1) 1/2"
12188	EXBLTP-FDS-1003P	100	3 Pole	1	15	25	30	50	50	#14AWG - 4 AWG	45.4/100	(1) 2" (1) 1/2"

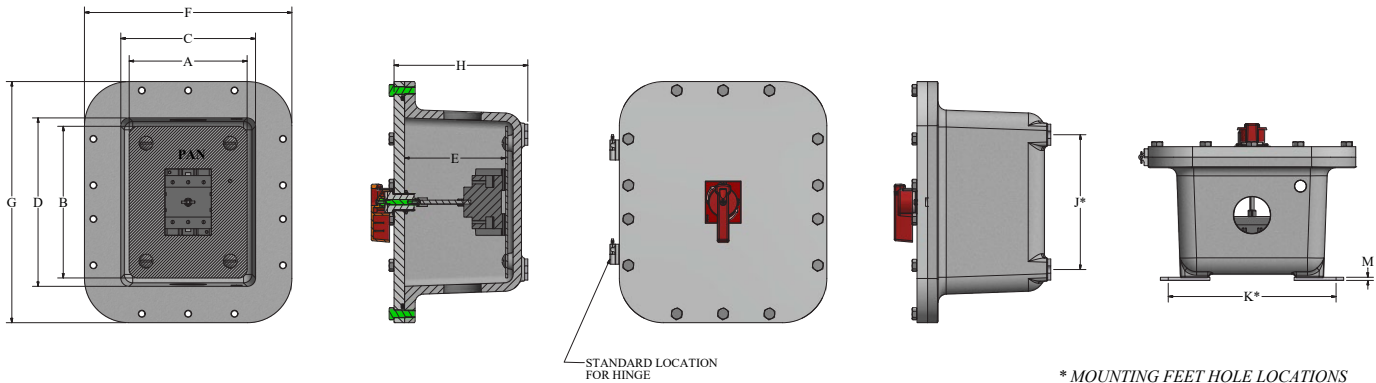
DISTRIBUTION EQUIPMENT EXBLTP-FDS SERIES



DIMENSIONS

ENCLOSURE CATALOG NUMBER	INTERNAL DIMENSIONS - INCHES (MM)						EXTERNAL DIMENSIONS - INCHES (MM)		
	PAN		AVAILABLE EQUIPMENT SPACE						
	A	B	C	D	E ("P" PLATE)	E ("C" CAST)	F	G	H ("P" PLATE)
EXBLT-686 N4	5 (172)	7 (178)	8 (203)	6 (152)	6 (152)	6.32 (160)	10.25 (260)	12.25 (311)	7.88 (200)
EXBLT-886 N4	7 (178)	7 (178)	8 (203)	8 (203)	6 (152)	6.16 (156)	12.32 (313)	12.32 (313)	7.94 (202)
EXBLT-8106 N4	7 (178)	9 (229)	10 (254)	8 (203)	6 (152)	6.18 (157)	12.32 (313)	14.32 (364)	7.94 (202)
EXBLT-10108 N4	9 (229)	9 (229)	10.5 (267)	10.5 (267)	8 (203)	8.41 (214)	15.25 (387)	15.25 (387)	10.18 (259)

ENCLOSURE CATALOG NUMBER	MOUNTING DIMENSIONS - INCHES (MM)						CONDUIT AREA - INCHES (MM)				
							SIDE WALL		CENTER	TOP & BOTTOM WALL	
	I	J	K	L	M	SLOT WIDTH	O	Q	R	S	U
EXBLT-686 N4	N/A	4 (1002)	7.88 (200)	N/A	0.19 (5)	0.44 (11)	4.81 (122)	6.59 (167)	3.78 (96)	4.81 (122)	4.59 (167)
EXBLT-886 N4	N/A	6 (152)	9.88 (251)	N/A	0.19 (5)	0.44 (11)	4.81 (122)	6.56 (167)	3.78 (96)	4.81 (122)	6.56 (167)
EXBLT-8106 N4	N/A	8 (203)	9.88 (251)	N/A	0.19 (5)	0.44 (11)	4.81 (122)	8.56 (217)	3.78 (96)	4.81 (122)	6.56 (167)
EXBLT-10108 N4	4.94 (125)	4.94 (125)	12.94 (329)	12.94 (329)	0.25 (6)	0.56 (14)	5.94 (151)	7.97 (202)	5.09 (129)	5.94 (151)	7.97 (202)
EXBLT-12188 N4	6.94 (176)	12.88 (327)	14.94 (379)	20.88 (530)	0.25 (6)	0.56 (14)	5.88 (149)	15.34 (390)	5.03 (128)	9.34 (237)	2.5 (63)



* MOUNTING FEET HOLE LOCATIONS

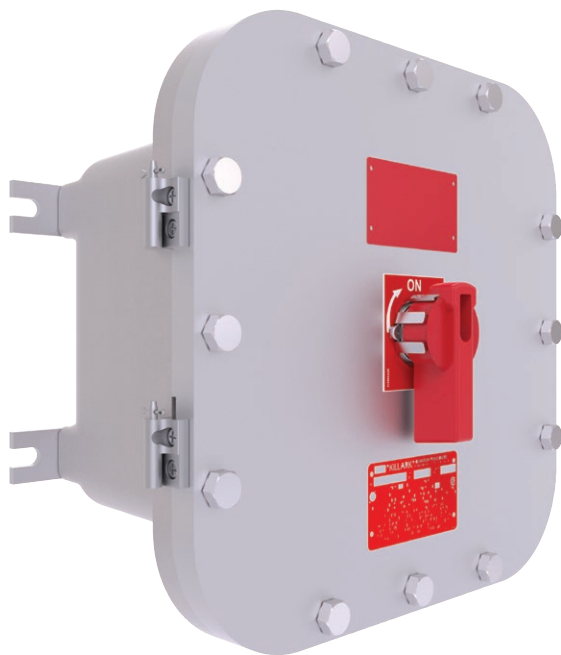
REPLACEMENT PARTS

OPTIONS	
KIT-251	100 Amp Ground Lug
KIT-252	200 Amp Ground Lug
SU3B-4X	Drain & Breather installed Class 1 Groups B, Type 4, 4X
SU14	Fungus Proof Internal
SU9	Special Paint
A	1 NC+1 NO Auxiliary Contact
AA	2 NC+2 NO Auxiliary Contact
B7C-SN1	Solid Neutral 150 Amp
B7C-SN2	Solid Neutral 250 Amp
CEN	ATEX/IEC Ex d (Pending)

REPLACEMENT PARTS						
ENCLOSURE CATALOG NUMBER	COVER GASKET	MOUNTING LUG KIT (Contains four mounting lugs and hardware)	COVER BOLTS – SOLD PER EACH			
			NO. OF BOLTS PER ENCLOSURE	316 STAINLESS STEEL "N4X"	ATEX IEC EX 316 STAINLESS STEEL "N4CEN" (PENDING)	HANDLE
EXBLTP-686 N4	EXB68RG	EXB-MTL1	10	25952BAAB	20790AAAB	B7EPD1SHAN
EXBLTP-886 N4	EXB88RG	EXB-MTL1	12	25952BAAB	20790AAAB	
EXBLTP-8106 N4	EXB810RG	EXB-MTL1	14	25952BAAB	20790AAAB	
EXBLTP-10108 N4	EXB1010RG	EXB-MTL2	12	25952AAAB	20790BAAB	



NON-FUSED DISCONNECT SWITCHES

**ATEX & IEC Ex****II 2 G Ex db IIB+H2 T6** CE 0518**II 2 D Ex tb IIIC T85°C IP66**

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UL Classified File E83969

CSA Certified File LR11716

TYPE 3, 4, 4X, 7 (B,C,D), 9 (E,F,G)

FEATURES-SPECIFICATIONS**Features**

- New lighter (up to 35%) EXBLT enclosure, fewer cover bolts than our competitors, gasketed plate cover, 316 stainless steel cover bolts, ductile mounting lugs.
- UL98 & UL508 Non-Fused Disconnect Switch, Horsepower Rated.
- Available as 3 Pole, 3 Pole Double Throw and 6 pole switches.
- Auxiliary Contacts, accepts up to two contacts per side of switch.
- Terminal Poles, Solid Neutral, Detachable Neutral and Ground Terminal available as an option.
- Fourth power pole available for switch
- Can be ordered with or without the switch, allows for field installation of switch while maintaining product certification.
- Switch operating handle can be padlocked in the "ON" or "OFF" position providing lockout/tagout protection.
- Conduit outlets top and bottom drilled and tapped for power connections, with custom openings available.

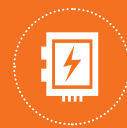
Materials

- **Box:** Molded from 356-T6 copper free aluminum, less than 1% of 1% copper alloy and less than 6% magnesium.
- **Cover:** Plate cover is made of 6061-T6 aluminum alloy.
- **Hinges:** Extruded aluminum with stainless steel pin hardware.
- **Bolts:** 316 Stainless Steel.
- **Finish:** Natural finish without paint.

Electrical Rating

- 600VAC, 50Hz





ORDERING INFORMATION / OPTIONS

EXBLTP-NFD NON FUSED DISCONNECT SWITCHES

UL98 & IEC - Suitable for use as motor disconnects or industrial control panel disconnects on service entrance equipment, panelboards, switchboards, industrial control equipment, motor control centers, etc. and are horsepower rated and ampere rated.

CATALOG NUMBER		SWITCH RATING IEC/NEC		SINGLE PHASE HORSEPOWER		THREE PHASE HORSEPOWER				TERMINAL LUG SIZE (MM/AWG)	WEIGHT (KG/LBS)	CONDUITS TOP/BOTTOM
EXBLTP	W/ ABB SWITCH	AMPS	TYPE	120 VAC	230 VAC	208 VAC	230 VAC	480 VAC	600 VAC			
686	EXBLTP-NFD-0303P	40/30	3 Pole	2	5	10	10	20	30	2.5 - 25mm/#14 - 4 AWG	23.7/10.8	(1) 1" (1) 1/2"
886	EXBLTP-NFD-0306P	40/30	6 Pole	2	5	10	10	20	30	2.5 - 25mm/#14 - 4 AWG	27.9/12.7	(2) 1" (1) 1/2"
886	EXBLTP-NFD-0303PDT	40/30	3P Double Throw	2	5	10	10	20	30	2.5 - 25mm/#14 - 4 AWG	27.9/12.7	(2) 1" (1) 1/2"
686	EXBLTP-NFD-0603P	63/60	3 Pole	3	7.5	20	20	40	40	2.5 - 25mm/#14 - 4 AWG	23.7/10.8	(1) 1-1/2" (1) 1/2"
886	EXBLTP-NFD-0606P	63/60	6 Pole	3	7.5	20	20	40	40	2.5 - 25mm/#14 - 4 AWG	27.9/12.7	(2) 1-1/2" (1) 1/2"
886	EXBLTP-NFD-0603PDT	63/60	3P Double Throw	3	7.5	20	20	40	40	2.5 - 25mm/#14 - 4 AWG	27.9/12.7	(2) 2" (1) 1/2"
8106	EXBLTP-NFD-1003P	100/100	3 Pole	5	15	25	30	50	50	10 - 70mm/#8 - 2/0 AWG	31.9/14.5	(1) 2" (1) 1/2"
8106	EXBLTP-NFD-1006P	100/100	6 Pole	5	15	25	30	50	50	10 - 70mm/#8 - 2/0 AWG	31.9/14.5	(2) 2" (1) 1/2"
8106	EXBLTP-NFD-1003PDT	100/100	3P Double Throw	5	15	25	30	50	50	10 - 70mm/#8 - 2/0 AWG	31.9/14.5	(2) 2" (1) 1/2"

UL508 & IEC - Suitable for use in equipment or machinery as motor controllers & motor disconnect and are horsepower and ampere rated.

CATALOG NUMBER		SWITCH RATING IEC/NEC		SINGLE PHASE HORSEPOWER		THREE PHASE HORSEPOWER				TERMINAL LUG SIZE (MM/AWG)	WEIGHT (KG/LBS)	CONDUITS TOP/BOTTOM
EXBLTP	W/ ABB SWITCH	AMPS	TYPE	120 VAC	230 VAC	208 VAC	230 VAC	480 VAC	600 VAC			
686	EXBLTP-NFD-1603P	16/20	3 Pole	1	2	3	5	10	10	.75 - 10mm/#18 - 8 AWG	27.9/12.7	(1) 1" (1) 1/2"
886	EXBLTP-NFD-1606P	16/20	6 Pole	1	2	3	5	10	10	.75 - 10mm/#18 - 8 AWG	27.9/12.7	(2) 1" (1) 1/2"
686	EXBLTP-NFD-2503P	25/30	3 Pole	1.5	3	7.5	7.5	15	20	.75 - 10mm/#18 - 8 AWG	23.7/10.8	(1) 1" (1) 1/2"
886	EXBLTP-NFD-2506P	25/30	6 Pole	1.5	3	7.5	7.5	15	20	.75 - 10mm/#18 - 8 AWG	27.9/12.7	(2) 1" (1) 1/2"
886	EXBLTP-NFD-3203P	32/40	3 Pole	2	5	10	10	20	25	.75 - 10mm/#18 - 8 AWG	27.9/12.7	(1) 1" (1) 1/2"
886	EXBLTP-NFD-3206P	32/40	6 Pole	2	5	10	10	20	25	.75 - 10mm/#18 - 8 AWG	27.9/12.7	(2) 1" (1) 1/2"
886	EXBLTP-NFD-6303P	63/60	3 Pole	2	5	15	15	30	30	1.5 - 35mm/#14 - 2 AWG	27.9/12.7	(1) 1-1/2" (1) 1/2"
886	EXBLTP-NFD-6306P	63/60	6 Pole	2	5	15	15	30	30	1.5 - 35mm/#14 - 2 AWG	27.9/12.7	(2) 1-1/2" (1) 1/2"
8106	EXBLTP-NFD-8003P	80/80	3 Pole	2	5	20	20	40	40	1.5 - 35mm/#14 - 2 AWG	31.9/14.5	(1) 2" (1) 1/2"
8106	EXBLTP-NFD-8006P	80/80	6 Pole	2	5	20	20	40	40	1.5 - 35mm/#14 - 2 AWG	31.9/14.5	(2) 2" (1) 1/2"

OPTIONS

KIT-251	100 Amp Ground Lug
KIT-252	200 Amp Ground Lug
SU3B-4X	Drain & Breather installed Class 1 Groups B, Type 4, 4X
SU14	Fungus Proof Internal
SU9	Special Paint
4P	4th Pole, 30, 60, 100A - 3 Pole Only (NFD Only)
A	1 NC+1 NO Auxilliary Contact
AA	2 NC+2 NO Auxiliary Contact
B7C-SN1	Solid Neutral 150 Amp
B7C-SN2	Solid Neutral 250 Amp
CEN	ATEX/IEC Ex d (Pending)