

N-22

Class I, Div. 1 and 2
Groups B,C,D
Class II, Div. 1 and 2
Groups E,F,G
Class III
NEMA 4,4X,7,9

AE Series Disconnect Switches: Explosionproof, Dust-Ignitionproof

Disconnect Switches

Type	No. of Poles	Volts	Amp Rating	Standard Conduit Outlets (Inches)	Catalog Number
① Fused (fuses not included)	3	600 Volt AC, 125/250 Volt DC	30	1.50	AEAB3036FDS
			60	2.00	AEAB6036FDS
			100	2.50	AECB10036FDS
			200	3.00	AEAB20036FDS
Non-Fused	3	600 Volt AC, 125/250 Volt DC	30	1.50	AEAB3036DS
			60	1.50	AEAB6036DS
			100	2.00	AEAB10036DS
			200	3.00	AEAB20036DS

Note: Supplied with Cutler-Hammer disconnect switch.

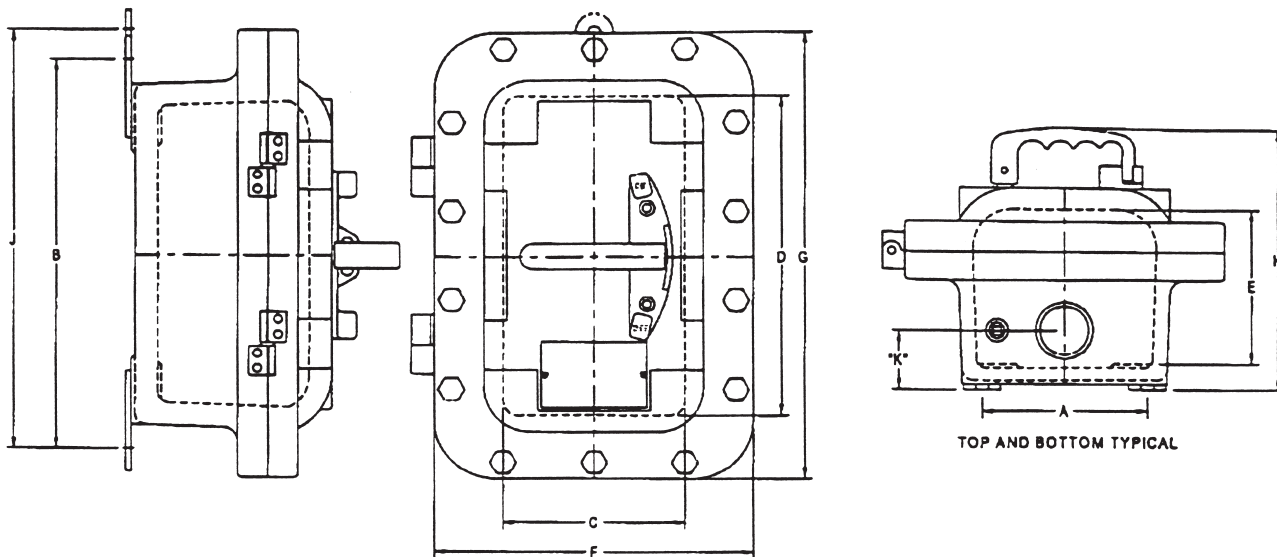
① Type J Fuses Recommended.

Modifications & Accessories

Factory Installed Suffix Description

AS1	Auxiliary Switch (1A or 1B)
AS2	Auxiliary Switch (2A or 2B)
BR	Breather, NEMA 4X (includes outlets and installation)
DN	Drain, NEMA 4X (includes outlets and installation)
EGS	External grounding stud
H	Hinges stainless steel
AHOF12SS	Hinge Kit, 2 light duty ss hinges
AHOF22SS	Hinge Kit, 2 heavy duty ss hinges
AHOF23SS	Hinge Kit, 3 heavy duty ss hinges
NP	Plastic nameplate, 2" x 4", 1/8" black letters on white surface, 3 lines max. specify legend.
ST	Shunt trip (specify voltage)
UV	Under voltage release (specify voltage)

Dimensions:



Dimensions

Enclosure Size	Catalog No	Mounting Dimensions			Inside Dimensions			Outside Dimensions			Number of Outlets	K Dim.	Approx. Wt. (lbs.)
		A	B	J	C	D	E	F	G	H			
A	AEAB	5.50	13.13	14.13	6.13	10.75	5.25	10.63	15.25	8.84	2	2.00	38
B	AEAB	6.00	18.00	19.00	6.50	16.00	5.50	11.00	20.50	8.97	2	2.31	57
C	AECB	10.25	22.63	n/a	11.38	20.00	6.38	16.38	25.13	9.59	2	3.50	104
E	AEAB	8.50	27.13	n/a	11.25	29.88	7.63	16.00	29.50	12.28	2	4.00	145

All dimensions are in inches.

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Application

Explosionproof disconnect enclosures are used where hazardous materials are handled or stored. These units are used for overload and short circuit protection, control of lighting and power circuits.

Features

- Sand cast copper-free aluminum.
- Precision machined flame path between box and cover.
- Bolt on stainless steel slotted mounting feet.
- Stainless steel hinges are standard.
- Stainless steel, captive Quad-Lead cover bolts are standard (disengaged in 1-1/2 turns).
- Ground lug package and installation instructions for termination of ground wire enclosed.
- External operating handle with stops for limiting handle travel. External stainless steel operating handle on 400AF and above.
- Disconnects and operator shafts are stainless steel.
- Disconnects operators can be locked in the "On" or "Off" position (up to 3 padlocks).
- External flange maximizes internal space.
- Standard outlets top and bottom for line and load wiring.
- Plugged 1/2" outlets top and bottom for breather and drain.
- Disconnects mounted on a galvanized steel removable pan.
- O-ring gasket ensures watertight integrity.

Standard Materials

- Bodies and covers: copper-free aluminum.
- Cover bolts: stainless steel.
- Hinges: stainless steel.
- O-Ring: Neoprene



Standard Finishes

- Bodies and covers: Grey epoxy powder coat inside and outside standard to provide NEMA 4X rating.

Compliances:

- UL Standard 894
- CSA Certified - Standard C22.2 No. 30