

Disconnect Switches
Explosionproof, Dust-Ignitionproof

Application, Features, Compliances..... 46

Dimensions..... 47

Disconnect Switches

Explosionproof, Dust-Ignitionproof

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 1½ 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 ½” outlets top and bottom for breather and drain.
- Disconnects mounted on a removable galvanized steel 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 1604 and 1203.
- CSA Certified - Standard C22.2 No. 30.

Disconnect Switches Explosionproof, Dust-Ignitionproof

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

Selection Table

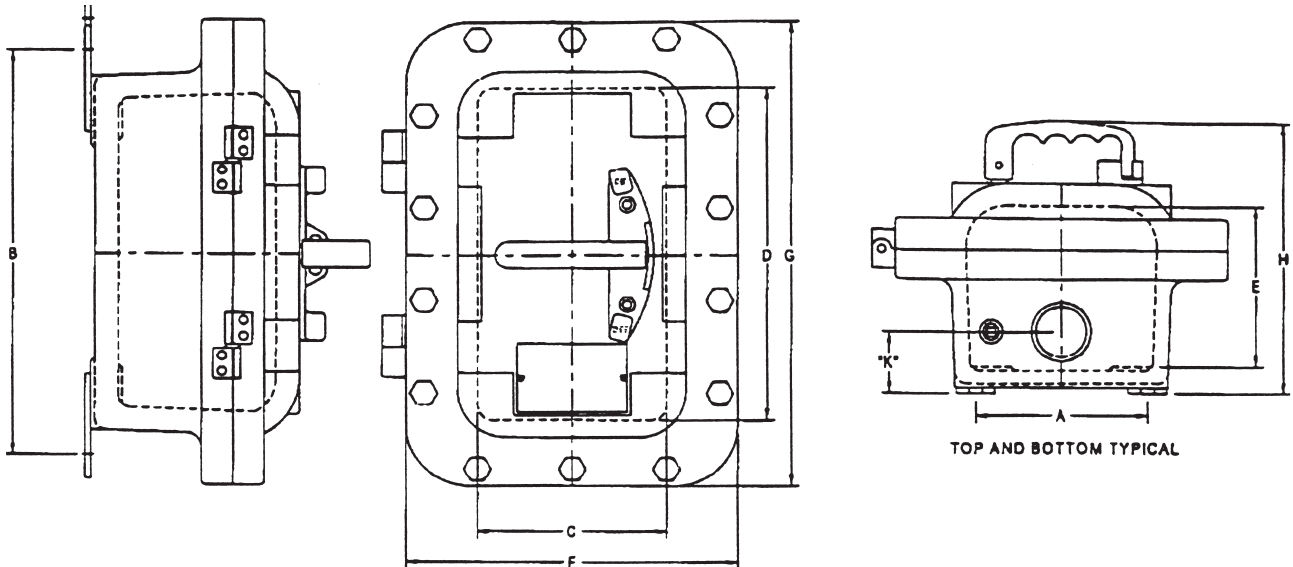
Type	No. of Poles	Volts	Standard Conduit		
			Amp Rating	Outlets (Inches)	Catalog Number
Fused (fuses not included)	3	600 VAC, 125/250 VDC	30	1.50	CEAB3036FDS
			60	2.00	CEBB6036FDS
			100	2.50	CECB10036FDS
			200	3.00	CEEB20036FDS
Non-Fused	3	600 VAC, 125/250 VDC	30	1.50	CEAB3036DS
			60	1.50	CEAB6036DS
			100	2.00	CEBB10036DS
			200	3.00	CEEB20036DS

Note: Supplied with Cutler-Hammer® disconnect switch.

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 CHOF12SS Hinge Kit, 2 light duty ss hinges CHOF22SS Hinge Kit, 2 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



Enclosure Size	Catalog Number	Mounting Dimensions		Inside Dimensions			Outside Dimensions			Number of Outlets	K Dim.	Approx. Wt. (lbs.)
		A	B	C	D	E	F	G	H			
A	CEAB	5.50	13.13	6.13	10.75	5.25	10.63	15.25	8.84	2	2.00	38
B	CEBB	6.00	18.00	6.50	15.88	5.25	11.00	20.50	9.13	2	2.31	57
C	CECB	10.25	22.63	11.38	20.00	6.38	16.38	24.63	11.00	2	3.31	104
E	CEEB	8.50	27.13	10.75	24.38	7.50	16.00	29.50	12.25	2	3.50	145

All dimensions are in inches.