

# EDS Heavy Duty Disconnect Switches

## Explosionproof, Dust-Ignitionproof

30, 60, 100, and 200 Ampere Units for 600 Vac Maximum. UNILETS™ for Use with Threaded Metal Conduit.

### NEC:

Class I, Division 1 and 2, Groups B, C, D  
Class II, Division 1 and 2, Groups E, F, G  
Class III  
NEMA 3R, 4<sup>Y</sup>, 4X<sup>Y</sup>, 7BCD, 9EFG

### CEC

Class I, Division 1 and 2, Groups B, C, D  
Class II, Division 1 and 2, Groups E, F, G  
Class III  
NEMA 4<sup>Y</sup>, 4X<sup>Y</sup>, 7BCD, 9EFG

### Applications

- Functions as load disconnect switch or as individual motor control switch.

### Features

- 600 Vac 3-pole, non-fused motor circuit switch; available in four sizes from 30 to 100 Amp. For 200 Amp, please contact your local sales representative.
- Hinged, removable cover provides instant access for installation and servicing.
- Self-locating, spring-mounted internal handle actuator.
- Rugged handle has stainless steel shaft within a stainless steel bushing; may be locked in ON or OFF position.
- Removable mounting plate simplifies installation.
- Top and bottom standard feed-thru conduit openings. Removable reducer bushing furnished with each opening.
- Additional top and bottom openings for drain and breather; supplied with close-up plugs.
- Covers have captive, slotted, stainless steel screws to prevent “freezing.”
- Insulated neutral lug supplied as standard.

### Standard Materials

- Body and cover: copperfree (4/10 of 1% max.) aluminum
- Handle shaft, bushing, exposed hardware: stainless steel

### Standard Finishes

- Exterior surfaces: epoxy powder coat

### Options

Must be listed in alphanumeric sequence at the end of the catalog number.

- Auxiliary switch (1NO, 1NC) add suffix **-AUX**.
- Auxiliary switch (2NO, 2NC) add suffix **-AUX2**.
- Drain and breather set add suffix **-DV**.
- NEMA 4, 4X add suffix **-4X**.

### NEC/CEC Certifications and Compliances

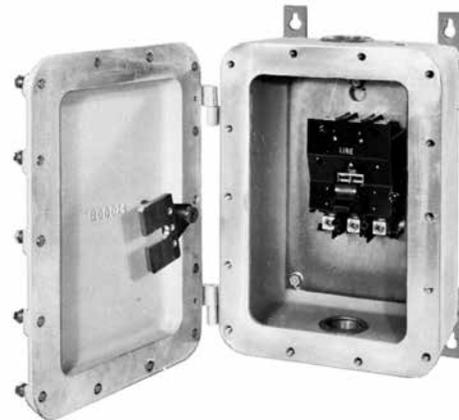
- UL Standard: UL 894, UL 1203
- UL Listed: E10523
- CSA Standard: C22.2 No. 4, C22.2 No. 25, C22.2 No.30
- CSA Certified: 039569



EDS3036



EDS6036



Appleton

DISTRIBUTION EQUIPMENT: NEC/CEC HAZARDOUS LOCATION SWITCHES

▼ Add suffix **4X** for NEMA 4, 4X rating (UL NEMA 4, 4X version is not suitable for Group B, CSA NEMA 4, 4X version is suitable for Group B).

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NEMA 3R, 4<sup>+</sup>, 4X<sup>+</sup>, 7BCD, 9EFG

**CEC**  
Class I, Division 1 and 2, Groups B, C, D  
Class II, Division 1 and 2, Groups E, F, G  
Class III  
NEMA 4<sup>+</sup>, 4X<sup>+</sup>, 7BCD, 9EFG

Ampere	Conduit Opening (Inches)	NEC	Catalog Number
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Supplied with Cutler-Hammer<sup>+</sup> disconnect switch.



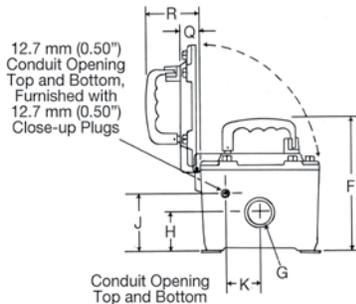
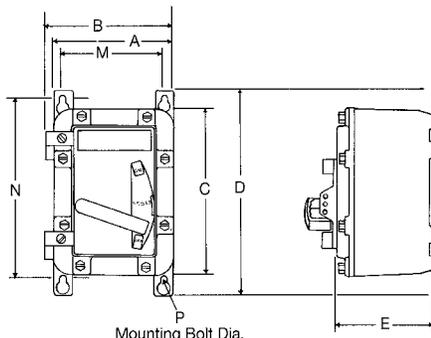
Bolt-On

30	1-1/2	EDS3036	EDS3036CN
60	2	EDS6036	EDS6036CN
100	2	EDS1036	EDS1036CN

### Electrical Ratings Maximum Motor HP

Maximum Amps	Maximum Horsepower Rating				
	120 Vac	240 Vac	480 Vac	600 Vac	250 Vdc
30	5	10	20	25	7-1/2
60	10	20	40	60	15
100	15	30	75	75	25

### Dimensions



Dimension	Dimensions in Millimeters (Inches)	
	EDS3036	EDS6036/EDS1036
A	231.9 (9.13)	231.9 (9.13)
B	244.6 (9.63)	244.6 (9.63)
C ①	358.9 (14.13)	358.9 (14.13)
D	425.5 (16.75)	425.5 (16.75)
E	184.2 (7.25)	184.2 (7.25)
F	244.6 (9.63)	244.6 (9.63)
G ②	38.1 (1.50)	50.8 (2.00)
H	69.9 (2.75)	69.9 (2.75)
J	95.3 (3.75)	95.3 (3.75)
K	69.9 (2.75)	69.9 (2.75)
M	190 (5 7.5)	190 (5 7.5)
N	384.3 (15.13)	384.3 (15.13)
P	9.7 (0.38)	9.7 (0.38)
Q	44.5 (1.75)	44.5 (1.75)
R	104.8 (4.13)	104.8 (4.13)

① For drains and breathers, add 50.8 mm (2") to dimension C. Close-up plugs furnished when enclosures are ordered without drains and breathers.

② Conduit openings are tapped to size shown. A removable reducer bushing is furnished for each opening which, when installed, makes the conduit opening one size smaller.

▼ Add suffix 4X for NEMA 4, 4X rating (UL NEMA 4, 4X version is not suitable for Group B, CSA NEMA 4, 4X version is suitable for Group B).

+ Cutler-Hammer is a registered trademark of Eaton Corporation.