

# 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>▼</sup>, 4X<sup>▼</sup>, 7BCD, 9EFG

### CEC <sup>154</sup>:

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

### 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."
- Grounded neutral lug and 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

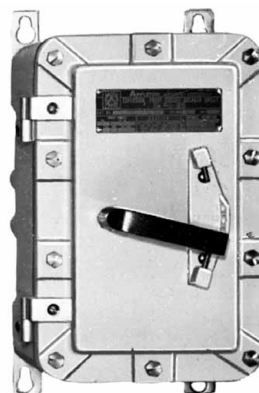
### Options

*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 **-AUX**.
- Drain and breather set add suffix **-DV**.
- NEMA 4, 4X add suffix **-N4**.

### NEC/CEC Certifications and Compliances

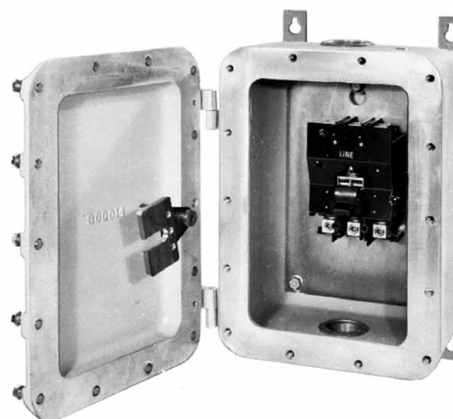
- UL Standard: UL 894, UL 1203
- UL Listed: E10523
- CSA Standard: C22.2 No. 4, C22.2 No. 25, C22.2 No.30
- CSA Certified: 039569



EDS3036



EDS6036



▼ Add suffix **N4** 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).

<sup>154</sup> Certified to meet the Canadian Electrical Code (CEC) only.

# EDS Heavy Duty Disconnect Switches

## Explosionproof, Dust-Ignitionproof

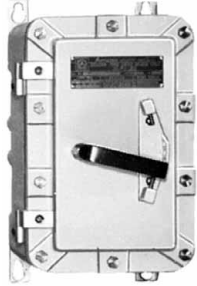
30, 60, 100, and 200 Ampere Units for 600 Vac Maximum. UNILETS® for Use with Threaded Metal Conduit.

**NEC:**  
Class I, Division 1 and 2, Groups B, C, D  
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Class III  
NEMA 3R, 4<sup>+</sup>, 4X<sup>+</sup>, 7BCD, 9EFG

**CEC** <sup>1</sup>/<sub>4</sub>  
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

Distribution Equipment

NEC/CEC CLASS/ZONE RATED HAZARDOUS LOCATION SWITCHES

	Ampere	Conduit Opening (Inches)	Catalog Number ①	
			NEC Version	CEC Version <sup>1</sup> / <sub>4</sub>
	30	1-1/2	EDS3036	EDS3036CN
	60	2	EDS6036	EDS6036CN
	100	2	EDS1036	EDS1036CN

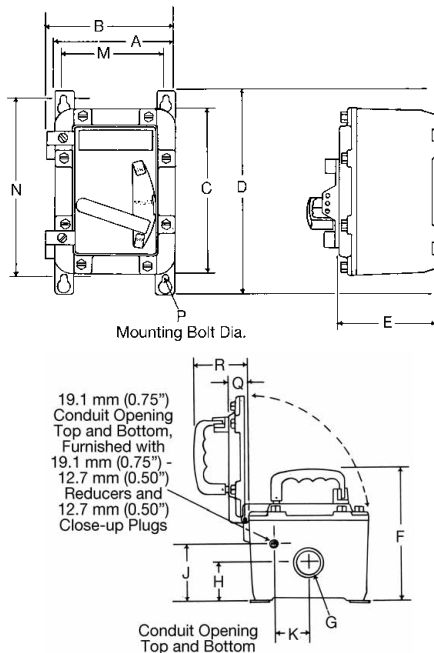
Supplied with Cutler-Hammer <sup>+</sup> disconnect switch.

**Bolt-On**

### 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	196.9 (7.75)	231.9 (9.13)
B	209.6 (8.25)	244.6 (9.63)
C ②	308.1 (12.13)	358.9 (14.13)
D	374.7 (14.75)	425.5 (16.75)
E	165.1 (6.50)	184.2 (7.25)
F	225.6 (8.88)	244.6 (9.63)
G ①	38.1 (1.50)	50.8 (2.00)
H	60.5 (2.38)	69.9 (2.75)
J	95.3 (3.75)	95.3 (3.75)
K	26.9 (1.06)	69.9 (2.75)
M	155.7 (6.13)	190 (5 7/8)
N	336.6 (13.25)	384.3 (15.13)
P	9.7 (0.38)	9.7 (0.38)
Q	38.1 (1.50)	44.5 (1.75)
R	98.6 (3.88)	104.8 (4.13)

① 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.

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

▼ Add suffix **N4** 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.

<sup>1</sup>/<sub>4</sub> Certified to meet the Canadian Electrical Code (CEC) only.