

EDS Heavy Duty Disconnect Switch: Explosionproof, Dust-Ignitionproof

30-, 60-, 100-, and 200-Ampere Units for 600 Volt A.C. Maximum.
UNILETS® for Use with Threaded Metal Conduit.

Applications

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

Features

- 600 Volt A.C. three-pole, non-fused motor circuit switch; available in four sizes from 30 to 200 amperes.
- 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:* copper free aluminum.
- *Handle shaft, bushing, exposed hardware:* stainless steel.

Standard Finishes

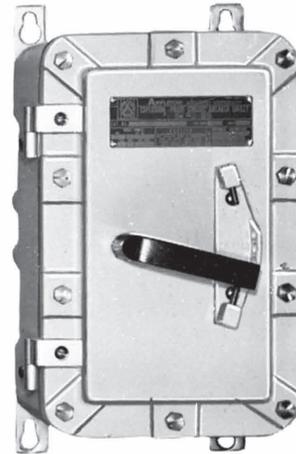
- *Exterior surfaces:* epoxy powder coat.

Options

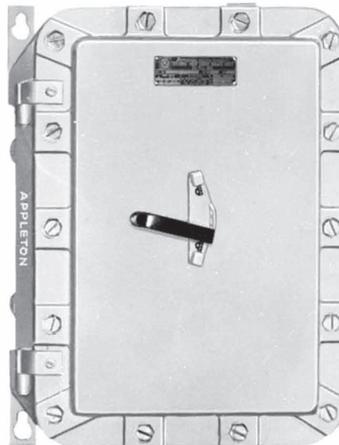
- When ordering options for EDS Disconnect Switch, add following suffix to catalog numbers:
(30,60,100)Auxiliary switch.....-AUX
(200) Auxiliary switch.....-AUX2
Drain & breather set.....-DV
NEMA 4,4X.....-N4

Compliances

- UL Standard 894.
- Class I, Div. 1 and 2; Class II, Div. 1 and 2. See listing pages for specific groups. Conduit seals required in Class I areas.
- Appleton aluminum products are produced from a high strength copper-free (4/10 of 1% max.) alloy.



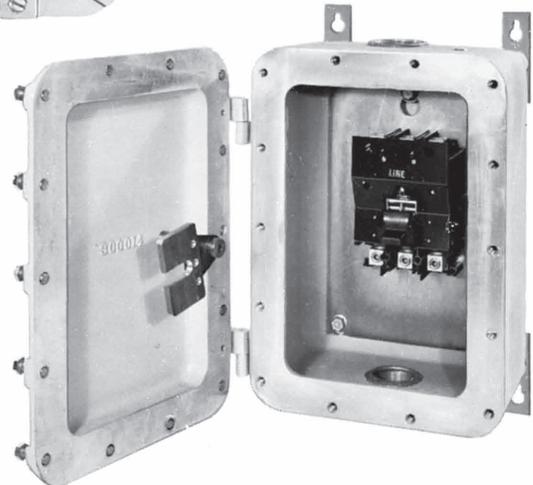
EDS3036



EDS20036



EDS6036
EDS1036

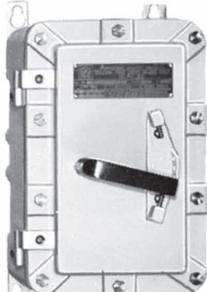


N-20

Class I, Div. 1 and 2,
Groups B,C,D
Class II, Div. 1 and 2,
Groups E,F,G
Class III
NEMA 3R,4°,4X°,7BCD,9EFG

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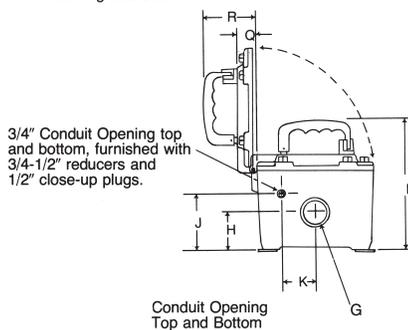
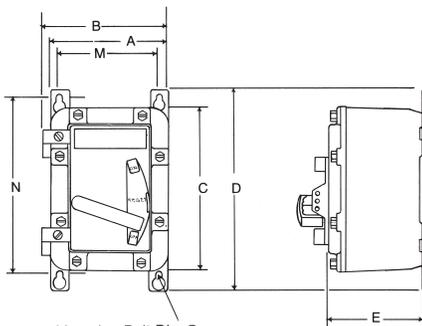


Bolt-On

Ampere	Conduit Opening, Inches	Catalog Number*
30	1-1/2	EDS3036
60	2	EDS6036
100	2	EDS1036
200	3	EDS20036

Note: Supplied with Cutler-Hammer disconnect switch.

Bolt-On Dimensions



Electrical Ratings Max. Motor H.P.

Max. Amp.	Maximum Horsepower Rating				
	120VAC	240VAC	480VAC	600VAC	250VDC
30	5	10	20	25	7-1/2
60	10	20	40	60	15
100	15	30	75	75	25
200	—	60	125	150	40

EDS Series Dimensions

Dim.	Dimensions in Inches			Dimensions in Centimeters		
	EDS3036	EDS6036 EDS1036	EDS20036	EDS3036	EDS6036 EDS1036	EDS20036
A	7.75	9.13	14.38	19.69	23.18	36.50
B	8.25	9.63	15.25	20.96	24.45	38.74
C†	12.13	14.13	20.13	30.80	35.88	51.12
D	14.75	16.75	24.63	37.47	42.55	62.55
E	6.50	7.25	10.63	16.51	18.42	26.99
F	8.88	9.63	13.00	22.54	24.45	33.02
G*	1.5	2.	3.	—	—	—
H	2.38	2.75	4.63	6.03	6.99	11.75
J	3.75	3.75	6.75	9.53	9.53	17.15
K	1.06	2.75	4.13	2.7	6.99	10.48
M	6.13	7.50	12.13	15.56	19.05	30.80
N	13.25	15.13	22.88	33.66	38.38	58.10
P	.375	.375	.625	—	—	—
Q	1.50	1.75	2.25	3.81	4.45	5.72
R	3.88	4.13	4.75	9.84	10.48	12.07

† For Drains and Breathers, add 2" to dimension C. Close-up plugs furnished when enclosures are ordered without drains and breathers.

* 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 N4 for NEMA 4,4X rating (Not suitable for Group B).