

# EID & EXD

## DISCONNECT ASSEMBLY

Non-Fused



the position of the switch to be easily identified from a distance

- Neoprene cover gasket provides NEMA 4 (hosetight) environmental rating
- Detachable/adjustable mounting feet provide flexible mounting alternatives for ease of installation; no need to replace the entire enclosure if a mounting foot is broken/easy internal access for wiring and maintenance
- Top and bottom conduit entries standard for easy feed of conductors
- (2) 1/2" NPT conduit entries, one on top and one on bottom, for field addition of breather and/or drain or for use with auxiliary contacts; †holes come plugged with Eaton's Crouse-Hinds PLG explosionproof as standard
- Provides lockout/tagout capability which complies with OSHA requirements, allowing for locking in the ON or OFF position for standard maintenance checks
- Complies with NEC Article 312 wire bending requirements for max gauge wire, allowing for easy and safe installation, and reliable operation of product

### Applications:

- Operating where flammable liquids or Provides an explosionproof disconnect switch assembly for hazardous area electrical systems
- Incorporates Eaton's Crouse-Hinds' high integrity manufacturing standards for reliability and safety in a compact, space- efficient NEMA 4\* enclosure

### Features & Benefits:

- Can be ordered as enclosure only, allowing for field installation of switch while maintaining product certification
- NEMA 4X breather and drain\*\* provides a moisture control solution in hose-down applications
- Small, compact footprint - less mounting space required
- Large red painted aluminum rotary handle operator mounted on cover assembly provides rugged, reliable performance in the field and allows for

### Certifications & Compliances:

- Class I, Divisions 1 & 2, Groups B, C, D
- Class II, Division 1, Groups E, F, G
- Class III
- NEMA 3, 3R, 4 or 4X\*, 7BCD, 9EFG
- UL Standard 1203
- cUL to CSA C22.2 No. 30

### Standard Materials:

- Body and Cover-Copper-free Aluminum
- Gasket-Neoprene
- Cover Bolts-Steel, stainless steel\*
- Hinges-Stainless Steel
- Mounting Plate Sheet-Aluminum

### Standard Finishes :

- Copper-free Aluminum - Natural
- Steel - Electro-galvanized

### Electrical Ratings:

#### HP Rating at:

AMPS	240VAC	480VAC	600VAC	250VAC
30	10	20	30	5
60	20	40	40	10
100	30	50	50	20
200	75	150	200	15

### Ordering Information

SWITCH RATING (AMPS)	ENCLOSURE ONLY	ENCLOSURE WITH SWITCH
30	EIDA	EIDA3030
60	EIDA	EIDA3060
100	EIDB	EIDB3100
200	EIDC	EIDC3200
400	EIDD	EIDD3400
600	EXDD	EXDD3600
800	EXDE	EXDE3800
1200	EXDF	EXDF1200

\*When ordered with S752 or S753 suffix.

\*\*When ordered with S756V suffix.

†For both drains and auxiliary contacts, please contact factory.

### Options:

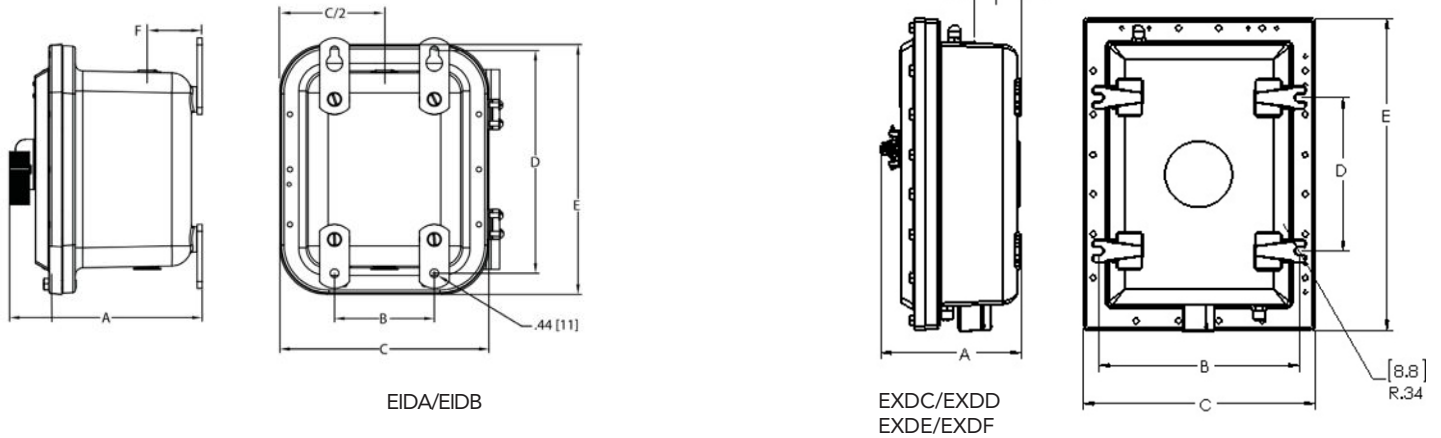
\* All of the options will be uniform on a 3 catalogs as follows  
 Auxiliary Contact (single block) ... S784  
 Auxiliary Contacts (two blocks) ... S785  
 Breather and Drain ..... S756V  
 Epoxy Powder Coat Finish (external only) ..... S752  
 Epoxy Powder Coat Finish (internal and external) ..... S753  
 External Ground Lug ..... S214  
 Red on Pilot light ..... J1  
 Green off Pilot light ..... J2  
 Custom Legend Plate (Specify Legend Markings) ..... NP



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Non-Fused



### Dimension and Weights:

DIMENSION	EIDA	EXDB	EXDC	EXDD	EXDE	EXDF
A	9.65" (245mm)	11.75" (298mm)	13.19" (335mm)	13.49" (343mm)	14.16" (360mm)	14.22" (361mm)
B	5.00" (127mm)	7.00" (178mm)	14.94" (380mm)	14.94" (380mm)	22.37" (568mm)	29.69" (754mm)
C	10.47" (266mm)	12.53" (318mm)	17.44" (443mm)	17.19" (437mm)	23.84" (606mm)	30.11" (765mm)
D	11.13" (283mm)	15.13" (384mm)	17.50" (445mm)	29.50" (749mm)	28.26" (718mm)	28.30" (719mm)
E	12.47" (317mm)	16.53" (420mm)	29.44" (748mm)	41.22" (1047mm)	41.48" (1063mm)	42.11" (1070mm)
F	2.75" (70mm)	2.75" (70mm)	5.00" (127mm)	5.00" (127mm)	5.00" (127mm)	5.00" (127mm)
Weights	36 lbs. (16 kg.)	62 lbs. (28 kg.)	167 lbs. (76 kg.)	258 lbs. (117 kg.)	355 lbs. (161 kg.)	481 lbs. (218 kg.)
Conduit Size (Top & Bottom)	1.0"	1.5"	3.0"	(2) 3.0"	(2) 4.0"	(3) 4.0"

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 \*\*When ordered with S756V suffix.  
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## DISCONNECT ASSEMBLY

Fused



- 4 (hosetight) environmental rating
- Detachable/adjustable mounting feet provide flexible mounting alternatives for ease of installation; no need to replace the entire enclosure if a mounting foot is broken
- Stainless steel hinges provide easy internal access for wiring and maintenance
- Top and bottom conduit entries standard for easy feed of conductors
- (2) 1/2" NPT conduit entries, one on top and one on bottom, for field addition of breather and/or drain or for use with auxiliary contacts; †holes come plugged with Eaton's Crouse-Hinds PLG explosionproof as standard
- Provides lockout/tagout capability which complies with OSHA requirements, allowing for locking in the ON or OFF position for standard maintenance checks

### Applications:

- Provides an explosionproof disconnect switch assembly for hazardous area electrical systems
- Incorporates Eaton's Crouse-Hinds' high integrity manufacturing standards for reliability and safety in a compact, space-efficient NEMA 4\* enclosure

### Features & Benefits:

- NEMA 4X breather and drain\*\* provides a moisture control solution in hose-down applications
- Small, compact footprint - less mounting space required
- Large red painted aluminum rotary handle operator mounted on cover assembly provides rugged, reliable performance in the field and allows for the position of the switch to be easily identified from a distance
- Internal fused switches are rated up to 200kAIC short circuit rating at 600VAC, providing increased protection
- Neoprene cover gasket provides NEMA

### Certifications & Compliances:

- Class I, Divisions 1 & 2, Groups B, C, D
- Class I, Zones 1 & 2 (ONLY EID)
- Class II, Division 1, Groups E, F, G
- Class III
- NEMA 3, 3R, 4 or 4X\*, 7BCD, 9EFG
- UL Standard 1203
- cUL to CSA C22.2 No. 30

### Standard Materials:

- Body and Cover-Copper-free aluminum
- Gasket-Neoprene
- Cover Bolts-Steel, stainless steel\*
- Hinges-Stainless Steel
- Mounting Plate Sheet-Aluminum
- Rotary Actuating Handle-Aluminum

### Standard Finishes :

- Copper-free Aluminum - Natural
- Steel - Electro-galvanized

### ELECTRICAL RATINGS:

#### HP RATING AT:

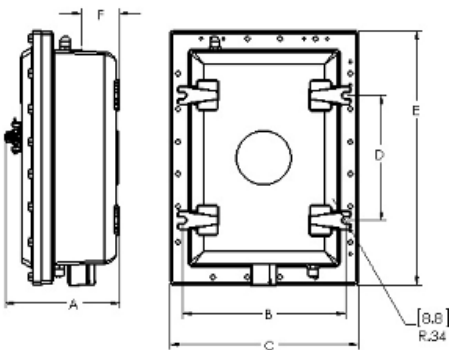
AMPS	240VAC	480VAC	600VAC	250VAC
30	-	15	20	5
60	-	30	50	10
100	-	60	75	20
200	60	125	150	40
400	125	250	350	50

### ORDERING INFORMATION:

SWITCH RATING (AMPS)	ENCLOSURE ONLY	ENCLOSURE WITH SWITCH
30	EIDA	EIDAF3030
60	EIDA	EIDAF3060
100	EIDB	EIDBF3100
200	EIDC	EIDCF3200
400	EIDD	EIDDF3400
600	EXDEF	EXDEF3600
800	EXDFF	EXDFF3800
1200	EXDGF	EXDGF1200

### Options:

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 Red on Pilot light ..... J1  
 Green off Pilot light ..... J2  
 Custom Legend Plate (Specify Legend Markings) ..... NP



### Dimension and Weights:

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