



EID & EXD Disconnect Assembly Fused



The EID (Electrical Disconnect Assembly and EXD (Explosion-proof) Disconnect Assembly, manufactured by Spike Electric Controls, represent a crucial component in electrical systems where safety and reliability are paramount. These fused disconnect assemblies are designed to meet stringent industry standards and are built to withstand hazardous environments. Whether in industrial settings, oil and gas facilities, or any application requiring explosion-proof electrical solutions, Spike Electric Controls' EID and EXD Disconnect Assemblies provide the assurance of seamless power control and protection in even the most demanding conditions.



EID & EXD

Disconnect Assembly
Fused



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

Standard Finishes :

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

ORDERING INFORMATION:		
SWITCH RATING (AMPS)	ENCLOSURE ONLY	ENCLOSURE WITH SWITCH
30	EIDAF	EIDAF3030
60	EIDAF	EIDAF3060
100	EIDBF	EIDBF3100
200	EIDCF	EIDCF3200
400	EIDDF	EIDDF3400
600	EXDEF	EXDEF3600
800	EXDFF	EXDFF3800
1200	EXDGF	EXDGF1200

Dimension and Weights:						
DIMENSION	EIDAF	EIDBF	EXDCF	EXDDF	EXDEF	EXDFF
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"

*When ordered with S752 or S753 suffix.
 **When ordered with S756V suffix.
 †For both drains and auxiliary contacts, please contact factory.



Green Energy Efficient: The EID and EXD Disconnect Assembly fused units by Spike Electric Controls contribute to green energy efficiency by enhancing the safety and reliability of electrical systems in renewable energy sources like wind farms and solar installations. Their robust design and explosion-proof features ensure long-lasting performance, reducing the need for frequent replacements and minimizing waste. Additionally, by preventing electrical malfunctions in critical components of green energy infrastructure, these assemblies help maintain consistent power generation, promoting a more sustainable and eco-friendly energy supply.





EID & EXD

Disconnect Assembly
Fused

EAT•N

BY **SPiKE**
ELECTRIC CONTROLS



- Internal fused switches are rated up to 200kAIC short circuit rating at 600VAC, providing increased protection
- Neoprene cover gasket provides NEMA 4 (hose-tight) 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 explosion proof 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 explosion proof 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 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

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
- cUL & UL Standard 1203

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

ELECTRICAL RATINGS:

HP RATING AT:

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

