# **EFD Series Manual Motor Starting Switches and Enclosures**

Cl. I, Div. 1 & 2, Groups B\*, C, D Explosionproof Cl. II, Div. 1, Groups E, F, G Cl. II, Div. 2, Groups F, G CI. III NEMA 3, 7B\*CD, 9EFG, 12

**Dust-Ignitionproof** Raintight Wet Locations

### **Applications:**

EFD manual motor starting and stopping switch enclosures are used:

- For manual starting of small AC or DC motors
- In locations made hazardous due to the presence of flammable vapors, gases or highly combustible dusts
- For installation at petroleum refineries, chemical and petrochemical plants and in other process industry facilities where similar hazards exist

#### **Features:**

- · Enclosure is small and compact
- · Accurately ground flange on both body and cover for flame-tight joint
- Switch can be padlocked in either "ON" or "OFF" positions

  • Dead end (EFD) or through feed (EFDC)
- hubs in 3/4" to 1" size

### **Certifications and Compliances:**

• NEC/CEC

Class I, Division 1 & 2, Groups B\*, C, D Class II, Division 1, Groups E, F, G Class II, Division 2, Groups F, G Class III

- NEMA: 3, 7B\*CD, 9EFG, 12
- UL Standard: 1203
- CSA Standard: C22.2 No. 30

#### **Standard Materials:**

- Bodies and covers Feraloy® iron alloy
- Operating handle type 6 / 6 nylon
- Operating shaft stainless steel

#### **Standard Finishes:**

- Feraloy iron alloy electrogalvanized and aluminum acrylic paint
- Type 6 / 6 nylon natural (black)
- Stainless steel natural

### **Options:**

The following special options are available from factory by adding suffix to Cat. #: Description For use in Group B hazardous areas







EFDC through feed

#### **Electrical Ratings** Without Overload Protection With Switches

Poles Cat. #		Switch Ratings Amps		HP		
2	Square D Class 2510 Type KO-1	250VAC 30	600VAC 20	115VAC 1	230VAC 2	460–575VAC 3
3	GE TC2368S	,	AC, 7-1 / 2 hp			

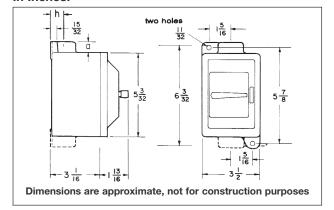
#### Ordering Information Dead end

DCuc	Bead ella				
Poles	Hub Size in.	With Switch Cat. #			
2	<sup>3</sup> / <sub>4</sub>	EFD218 T8 EFD318 T8			
3	<sup>3</sup> / <sub>4</sub>	EFD2419 EFD3419			

## Through feed

Poles	Hub Size in.	With Switch Cat. #
2	<sup>3</sup> / <sub>4</sub>	EFDC218 T8 EFDC318 T8
3	3/ <sub>4</sub>	EFDC2419

#### **Dimensions** In Inches:



Hub Size	Dim. "h"	Dim."a"
3/4	7/8	13/16
1	1	15/40

\*Add GB suffix. Seals must be installed within  $1^{1}\!\!/_{\!2}"$  of each conduit opening for Group B usage