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

Cl. II, Div. 1, Groups E, F, G Cl. II, Div. 2, Groups F, G Cl. III NEMA 3, 7B\*CD, 9EFG, 12

Cl. I, Div. 1 & 2, Groups B\*, C, D Explosionproof **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



EFD dead end



**EFDC** through feed

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

_	Poles Cat. #		Switch Ratings Amps		HP		
2	2	Square D Class 2510 Type KO-1	250VAC 30	600VAC 20	115VAC 1	230VAC 2	460–575VAC 3
-	3	GE TC2368S	30A., 240VAC, 7-1 / 2 hp 20A., 600VAC, 15 hp				

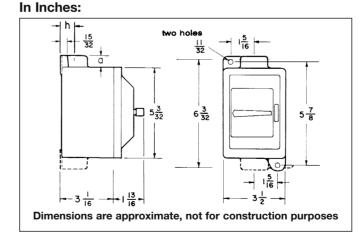
#### **Ordering Information** Dead end

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> 1	EFD2419 EFD3419

# Through feed

	Poles	Hub Size in.	with Switch Cat. #
•		3/4	EFDC218 T8
	2	1	EFDC318 T8
		3/4	EFDC2419
	3	1	FFDC3419

# **Dimensions**



Hub Size	Dim. "h"	Dim."a"	
3/4	7/8	<sup>13</sup> / <sub>16</sub>	
1	1	<sup>15</sup> / <sub>16</sub>	

<sup>\*</sup>Add GB suffix. Seals must be installed within 11/2" of each conduit opening for Group B usage