

# EFD Series Manual Motor Starting Switches and Enclosures

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

Explosionproof  
Dust-Ignitionproof  
Raintight  
Wet Locations

2C

## 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  $\frac{3}{4}$ " to 1" size

## Certifications and Complies:

- 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** **Suffix**  
For use in Group B hazardous areas **GB\***



EFD dead end



EFDC through feed

## Electrical Ratings

Without Overload Protection

With Switches

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

## Ordering Information

Dead end

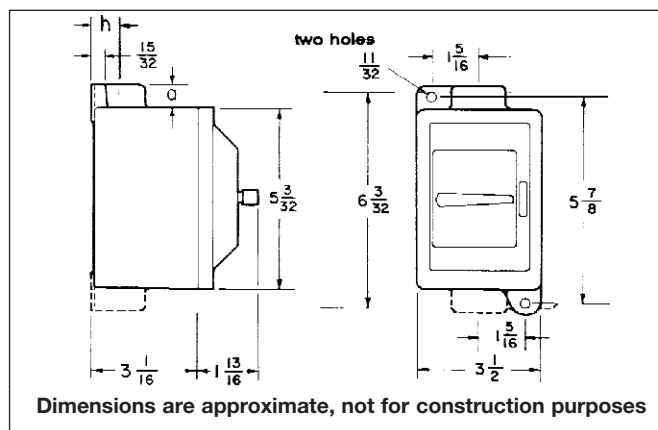
Poles	Hub Size in.	With Switch Cat. #
2	$\frac{3}{4}$ 1	EFD218 T8 EFD318 T8
3	$\frac{3}{4}$ 1	EFD2419 EFD3419

Through feed

Poles	Hub Size in.	With Switch Cat. #
2	$\frac{3}{4}$ 1	EFDC218 T8 EFDC318 T8
3	$\frac{3}{4}$ 1	EFDC2419 EFDC3419

## Dimensions

In Inches:



Dimensions are approximate, not for construction purposes

Hub Size	Dim. "h"	Dim. "a"
$\frac{3}{4}$ 1	$\frac{7}{8}$ 1	$\frac{13}{16}$ $\frac{15}{16}$

\*Add GB suffix. Seals must be installed within  $\frac{1}{16}$ " of each conduit opening for Group B usage.