

EFD and EFDC Series Circuit Breakers and Enclosures

120VAC, Single Pole

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

3C

Applications:

EFD circuit breakers and enclosures are used:

- For branch circuit protection for lighting, appliance, and motor circuits
- In areas made hazardous due to the presence of flammable vapors, gases or combustible dusts
- In corrosive locations
- For installation at petroleum refineries, chemical and petrochemical plants and other process industry facilities where similar hazards exist
- To provide disconnect means, short circuit protection and thermal time delay overload protection

Features:

- Small, compact enclosures with accurately ground, wide flange on both body and cover for flamtight joint
- Dead-end (EFD) or through feed (EFDC) hubs $\frac{3}{4}$ " to 1" sizes
- Breaker mounted on cover and back wired for ease of installation
- Breaker can be padlocked in "ON" or "OFF" positions with trip-free handle mechanism

Certifications and Compliances:

- NEC:
 - 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

Standard Materials:

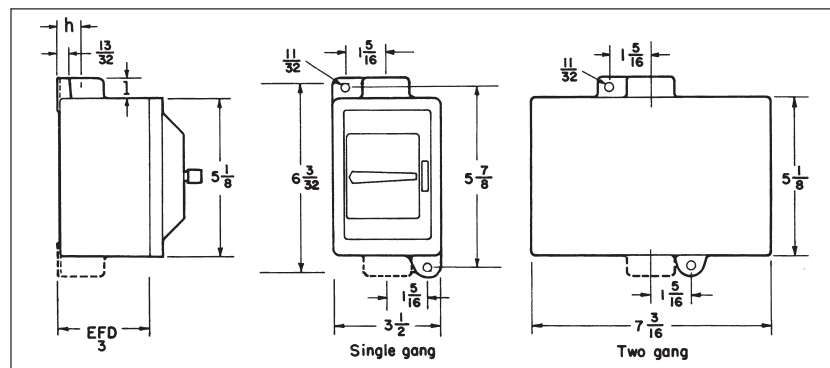
- Bodies and covers – *Feraloy*[®] iron alloy
- Operating handles – type 6 / 6 nylon
- Operating shafts – stainless steel

Standard Finishes:

- *Feraloy* – electrogalvanized and aluminum acrylic paint
- Type 6 / 6 nylon – black
- Stainless steel – natural

Dimensions

In Inches†:



EFD dead end



EFDC through feed

Electrical Ratings:

- Single pole – 120 / 240 VAC max.
- Trip ratings – 15, 20 and 30 amp.

Options:

Description
 For use in Group B hazardous areas*

Suffix
 GB

Ordering Information

With Square D Type "QOU" Circuit Breakers

Hub Size in.	15 Amp Cat. #	20 Amp Cat. #	30 Amp Cat. #
EFD Single Gang (Dead End)			
$\frac{3}{4}$	EFD21104	EFD21105	EFD21106
1	EFD31104	EFD31105	EFD31106
EFDC Single Gang (Through Feed)			
$\frac{3}{4}$	EFDC21104	EFDC21105	EFDC21106
1	EFDC31104	EFDC31105	EFDC31106
EFD Two Gang (Dead End)			
$\frac{3}{4}$	EFD22104	EFD22105	EFD22106
1	EFD32104	EFD32105	EFD32106
EFDC Two Gang (Through Feed)			
$\frac{3}{4}$	EFDC22104	EFDC22105	EFDC22106
1	EFDC32104	EFDC32105	EFDC32106

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

*Seals must be installed within $\frac{1}{2}$ " of each conduit opening, for Group B use.
 †Dimensions are approximate, not for construction purposes.

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