

EFD and EFDC circuit breakers and enclosures

120 VAC, 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, Divisions 1 & 2, Groups B[Ⓐ], C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

Environmental ratings:

- 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



EFD dead end



EFDC through feed

Electrical ratings:

- Single-pole – 120/240 VAC maximum
- Trip ratings – 15, 20, 30 amperes

Options:

Description

- For use in Group B hazardous areas

Suffix

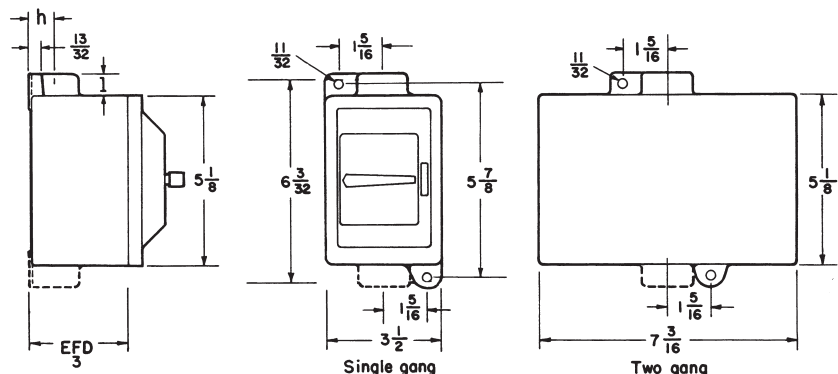
GB[Ⓐ]

Ordering information:

With Square D type QOU circuit breakers

Hub size	Cat. # 15A	Cat. # 20A	Cat. # 30A
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

Dimensions[Ⓑ] (in inches):



Hub size	h	l
$\frac{3}{4}$ "	$\frac{7}{8}$	$\frac{13}{16}$
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.