

# EFD and EFDC circuit breakers and enclosures

## 120 VAC, single-pole

Cl. I, Div. 1 & 2, Groups B<sup>A</sup>, C, D  
 Cl. II, Div. 1, Groups E, F, G  
 Cl. II, Div. 2, Groups F, G  
 Cl. III  
 NEMA 3, 7B<sup>A</sup>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



EFD dead end



EFDC through feed

### Features:

- Small, compact enclosures with accurately ground, wide flange on both body and cover for flametight 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<sup>A</sup>, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

#### Environmental ratings:

- NEMA 3, 7B<sup>A</sup>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

### Electrical ratings:

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

### Options:

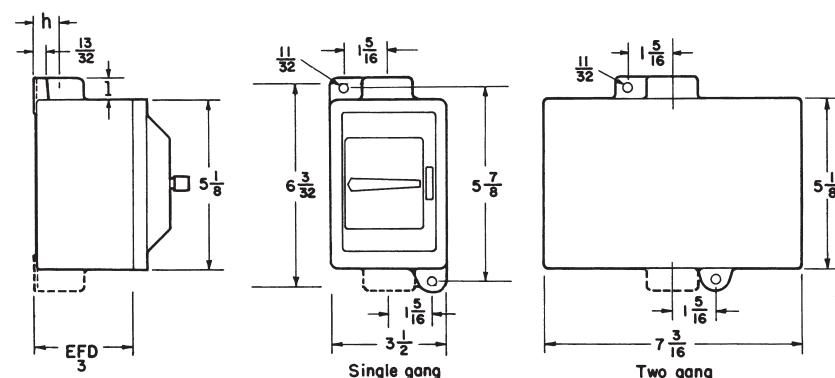
Description	Suffix
For use in Group B hazardous areas	GB <sup>A</sup>

### Ordering information:

#### With Square D type QOU circuit breakers

Hub size	Cat. # 15A	Cat. # 20A	Cat. # 30A
<b>EFD single-gang (dead end)</b>			
$\frac{3}{4}$ "	EFD21104	EFD21105	EFD21106
1"	EFD31104	EFD31105	EFD31106
<b>EFDC single-gang (through feed)</b>			
$\frac{3}{4}$ "	EFDC21104	EFDC21105	EFDC21106
1"	EFDC31104	EFDC31105	EFDC31106
<b>EFD two-gang (dead end)</b>			
$\frac{3}{4}$ "	EFD22104	EFD22105	EFD22106
1"	EFD32104	EFD32105	EFD32106
<b>EFDC two-gang (through feed)</b>			
$\frac{3}{4}$ "	EFDC22104	EFDC22105	EFDC22106
1"	EFDC32104	EFDC32105	EFDC32106

### Dimensions<sup>B</sup> (in inches):



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

<sup>A</sup>Seals must be installed within 1 1/2" of each conduit opening for Group B use.

<sup>B</sup>Dimensions are approximate, not for construction purposes.