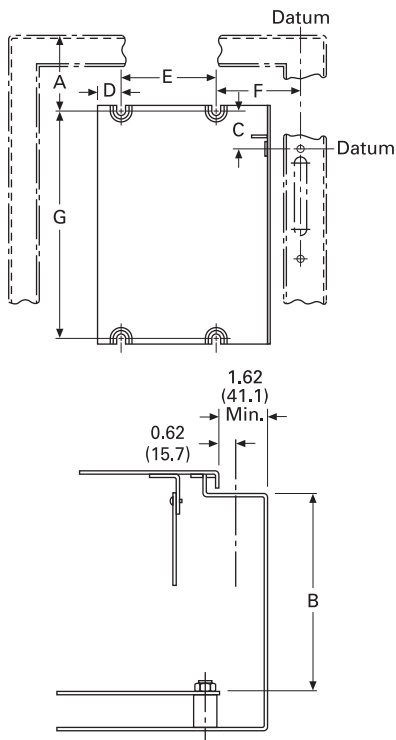


Dimensions

Approximate Dimensions in Inches (mm)

Mounting Dimension Requirements in Inches (mm)

Disconnect Switch Type	A	B	C	D	E	F	G
30A and 60A non-fusible	See dimensions below	See dimensions below	1.56 (39.6)	0.96 (24.4)	4.00 (101.6)	3.50 (88.9)	7.12 (180.8)
30A and 60A fusible			1.56 (39.6)	0.96 (24.4)	4.00 (101.6)	3.50 (88.9)	9.75 (247.7)
100A non-fusible			1.75 (44.5)	1.10 (27.9)	5.50 (139.7)	3.38 (85.9)	7.12 (180.8)
100A fusible			1.75 (44.5)	1.10 (27.9)	5.50 (139.7)	3.38 (85.9)	11.88 (301.8)
200A non-fusible and fusible			3.34 (84.8)	0.63 (16.0)	8.50 (215.9)	1.84 (46.7)	15.50 (393.7)

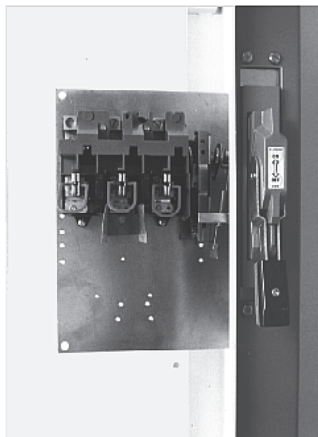
Mounting Dimension Requirements**Line Lug Data**

Disconnect Switch Size	Wire Size
30A	#2-14 Cu/Al
60A	#2-14 Cu/Al
100A	1/0-14 Cu/Al
200A	250 kcmil-#6 Cu/Al

Dimension A = The required wire bending spacing selected from Article 430.10 of the National Electrical Code.

Dimension B = Minimum or maximum depth from inside of flange holding operating handle to panel where disconnect switch is mounted (variable 7 to 16 inches).

Fixed Depth Application



Contents

Description	Page
Product Overview	V2-T1-3
General Duty	V2-T1-26
Heavy-Duty	V2-T1-31
Six-Pole Switches	V2-T1-43
Double-Throw Switches	V2-T1-45
EnviroLine—Stainless Steel Switch	V2-T1-53
EnviroLine—Upper and Lower Window Switches	V2-T1-56
EnviroLine—Receptacle Switches	V2-T1-59
EnviroLine—Non-Metallic KRYDON Switch	V2-T1-61
Shunt Trip Safety Switch	V2-T1-63
NEMA 7/9—Hazardous Location Disconnect Switch	V2-T1-66
Quick Connect Switches	V2-T1-68
Solar Disconnect Switch	V2-T1-70
316-Grade Stainless Steel Safety Switches	V2-T1-72
Mill-Duty Rated, Heavy-Duty, Fusible, Non-Fusible, Single-Throw	V2-T1-76
Heavy-Duty Fusible Safety Switches Accepting Cube Fuses	V2-T1-78
Elevator Control Switch	V2-T1-81
Auxiliary Power Heavy-Duty Safety Switch	V2-T1-83
Left-Handed Safety Switch	V2-T1-86
200% Neutral Safety Switches	V2-T1-87
Pringle Bolted Pressure Switch	V2-T1-88
Type DS, Fusible and Non-Fusible	V2-T1-91
Type Visi-Flex DE-ION	V2-T1-94
Flange Mounted—Variable Depth	V2-T1-98
Flange Mounted—Fixed Depth Accessories	V2-T1-103
Technical Data and Specifications	V2-T1-103

Flange Mounted—Fixed Depth

Product Description

Type C361 disconnect switches are suitable for installation in control enclosures having a right-hand flange. Fusible disconnect switches will

accept R fuses as standard. Field installable rejection kits are supplied as standard on 100 and 200A clips. For 30 and 60A rejection clips, see **Page V2-T1-99**. The switch is

UL component recognized for use on systems for use on systems with up to 200,000 rms symmetrical amperes available fault current when Class R clips are supplied.

- Minimum depth—flange to panel
 - 30–60A: 6.50 inches
 - 100A: 7 inches

Product Selection

Fixed Depth Application



Operating Mechanism Fixed Depth with Disconnect Switch—Right-Hand Mounting

Maximum Horsepower Ratings ^①

Disconnect Switch Size (Amperes)	AC System Volts (Motor Volts)				DC Using Two Poles 250V Maximum	Fuse Clip Rating (Amperes) Non-Interchangeable Type for Class H, J, K or R Type Fuses Only		Switch and Operating Mechanism with 4-Inch Handle For NEMA 1 or 12 Enclosure Catalog Number
	208 (200)	240 (230)	480 (460)	600 (575)		250V	600V	
30	7-1/2	7-1/2	15	20	5	Non-fusible		C361FNC1
						30	—	C361FSC121 ^②
						60	30	C361FSC161 ^②
60	15	15	30	50	10	Non-fusible		C361FND1
						60	30	C361FSD122 ^②
						—	60	C361FSD162 ^②
100	25	30	60	75	20	Non-fusible		C361FNE1
						100	100	C361FSE1263

Notes

^① Refers to rating of switch only.

^② For Rejection Clips, add Suffix Letter **R** to listed Catalog Number. Example: C361FSC121**R**.

Accessories**Electrical Interlocks**

Circuit	Catalog Number
1NO-1NC	DS200EK1
2NO-2NC	DS200EK2

Technical Data and Specifications**Line Lug Data**

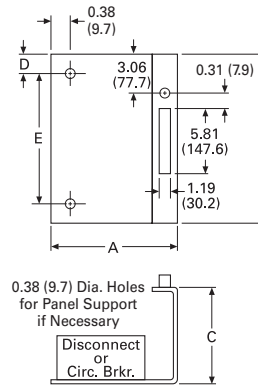
Disconnect Switch Size	Wire Size
30A	#2–14 Cu/Al
60A	#2–14 Cu/Al
100A	1/0–14 Cu/Al
200A	250 kcmil–#6 Cu/Al

Dimensions

Approximate Dimensions in Inches (mm)

Frame Size

Description	A	B	C	D	E
30–60A disconnect switch	8.63 (219.2)	11.38 (289.1)	6.50 (165.1)	1.50 (38.1)	9.50 (241.3)
150A circuit breaker	8.63 (219.2)	11.38 (289.1)	6.50 (165.1)	1.50 (38.1)	9.50 (241.3)
100A disconnect switch	9.88 (251.0)	13.38 (339.9)	7.00 (177.8)	1.25 (31.8)	11.75 (298.5)
250A circuit breaker	9.88 (251.0)	13.38 (339.9)	7.00 (177.8)	1.25 (31.8)	11.75 (298.5)
400A circuit breaker	9.88 (251.0)	13.38 (339.9)	7.00 (177.8)	1.25 (31.8)	11.75 (298.5)

Approximate Dimensions

NEMA 12 Dustproof Surface Mounting***No Knockouts or Other Openings
15–1200A, 600 Vac,
500 Vdc***

The Type 12 enclosure is designed in line with specifications for special industry application where unusually severe conditions involving oil, coolant, dust and other foreign materials exist in the operating atmosphere. The handle padlocks in the OFF position and the cover is interlocked with the handle mechanism to prevent opening the cover with the circuit breaker in the ON position. Ratings through 1200A are UL listed as suitable for service entrance application. A NEMA 12 semi-dust-tight design that includes knockouts is available. These units are rated 15–400A, 600 Vac, 500 Vdc.

***NEMA 12 Dustproof Surface Mounting*****NEMA 7/9 Hazardous Location*****Cast Aluminum, Explosion-proof
Surface Mounting 15–1200A,
600 Vac, 250 Vdc***

Hazardous location, Type 7: Class I, Groups B, C, D; Type 9: Class II, Groups E, F, G. This special service cast aluminum enclosure is supplied with a wide, machined flanged cover to prevent igniting outside atmospheres by arcing from inside the enclosure. Front operable, the handle padlocks in the OFF position. Enclosures rated 600A and above have lift-off hinges for ease of assembly.

Note: XFDN050B is not Group B compliant.

***NEMA 7/9 Hazardous Location*****Features, Benefits and Functions**

- Side-opening door on NEMA 3R enclosures
- Padlockable in the OFF position
- Surface or flush mounted enclosures available through 400A on NEMA 1 enclosures
- Interlocked handle on NEMA 3R, 4/4X, 5 and 12 enclosures to prevent opening when the breaker is in the ON position
- Interchangeable hubs
- Numerous factory options

Standards and Certifications

- UL 489
- CSA 22.2
- NEMA 250

NEMA 1 General Purpose

- UL File No. E7819
- CSA File No. LR84319

NEMA 3R Rainproof Surface Mounting

- UL File No. E7819
- CSA File No. LR84319

NEMA 4/4X, 5 Water and Dustproof

- UL File No. E7819
- CSA File No. LR84319

NEMA 12 Dustproof Surface Mounting

- UL File No. E7819
- CSA File No. LR84319

NEMA 7/9 Hazardous Location

- UL File No. E84577
- CSA File No. LR42131-6

