

# WD2S Series Factory Sealed Disconnect Switches

## Fused and Non-Fused

No External Seals Required.

### NEC/CEC — Unfused:

Class I, Division 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Ex de IIB + H<sub>2</sub>; Class I, Zone 1, AEx de IIB + H<sub>2</sub> T5

Types 3, 4, 4X, 5

### NEC/CEC — Fused:

Class I, Division 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Types 3, 4, 4X, 5

## Applications

- Functions as load disconnect switch or as individual motor control switch.

## Features

- Factory sealed; no external seals required.
- Available fused and non-fused versions.
- Stainless steel latches for easy access and corrosion resistance.
- Standard epoxy powder coating delivers exceptional corrosion resistance.
- Ergonomically designed rugged cast aluminum handle.
- Removable hinged cover allows for ease of installation and maintenance.
- Short circuit withstand rated to 10,000 RMS symmetrical amperes (unfused).
- Single top and bottom conduit entries supplied, drilled and tapped 1-1/4" NPT.
- Key-hole mounting feet for easy installation.
- Unit is equipped with defeatable door interlock which allows emergency access when switch is energized.
- Cover can be padlocked closed.
- Operating handle can be locked in the OFF position with provision to lock in the ON position.
- Line side accommodates #8–#4/0 AWG copper wire. Load side accommodates #8–#4/0 copper wire.
- 100 Amp models and smaller are suitable for use with DC voltages (250 Vdc Max) as well as AC voltages.
- All models are suitable for use with AC voltages to 600 Vac max.

## Standard Materials

- Enclosure: copperfree (4/10 of 1% max.) aluminum
- Operating handle: durable cast aluminum
- Hardware: stainless steel

## Standard Finishes

- Enclosure: epoxy powder coating

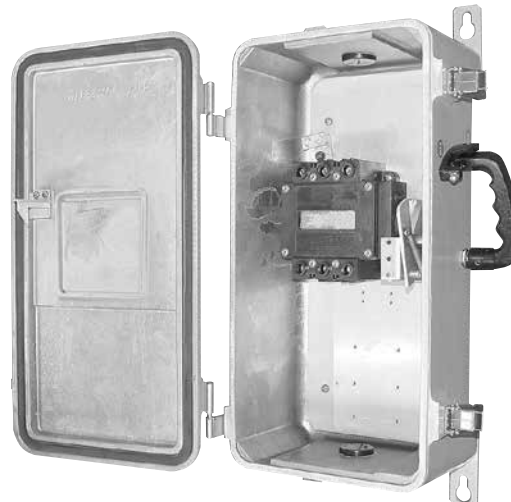
## Options

Must be listed in alphanumeric sequence at the end of the catalog number.

- Auxiliary Contacts. One set of NO/NC contacts. Add suffix **-AUX**.
- Breather/Drain. Factory installed. Add suffix **-BD**.
- LED indicator lights: one light indicates there is power to unit and other indicates switch is in ON position add suffix **-IL**.

## NEC/CEC Certifications and Compliances

- CSA Standard: C22.2 No. 4
- UL Standard: UL 698
- cCSAus Certified: 039569



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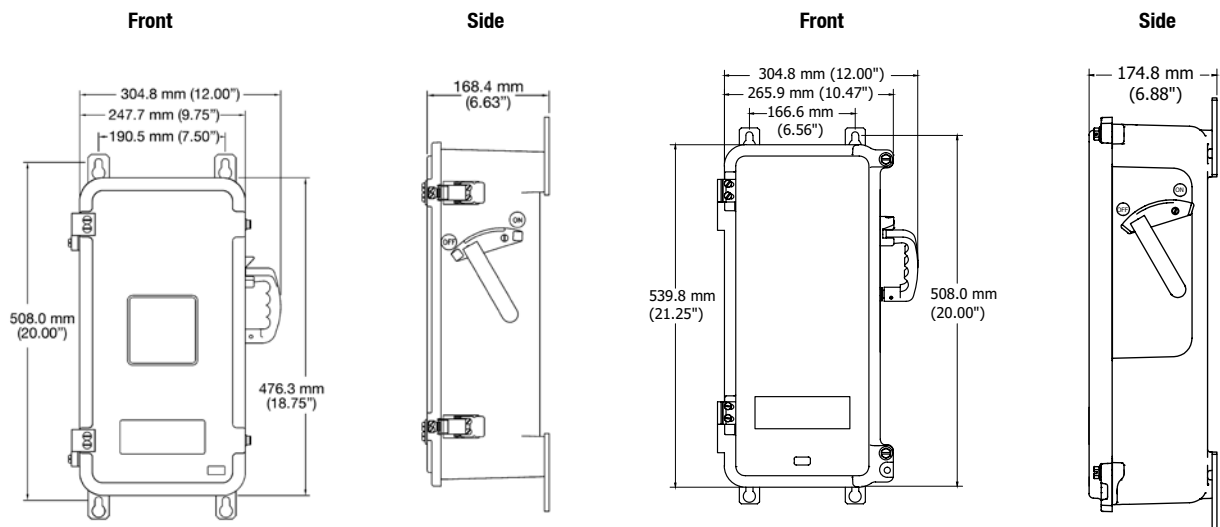
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|                                                                                   | Amps | Max 240 Vac | HP 480 Vac | 600 Vac | Catalog Number |           |
|-----------------------------------------------------------------------------------|------|-------------|------------|---------|----------------|-----------|
|                                                                                   |      |             |            |         | Fused ①        | Non-Fused |
|  | 30   | 7.5         | 15         | 20      | WD2S3034F      | WD2S3034  |
|                                                                                   | 60   | 15          | 30         | 50      | WD2S6034F      | WD2S6034  |
|                                                                                   | 100  | 25          | 40         | 50      | WD2S1034F      | WD2S1034  |
|                                                                                   | 200  | —           | —          | —       | —              | WD2S20034 |

### Operating Temperatures

| Classification             | T Number |
|----------------------------|----------|
| Class I, Division 2        | T3C      |
| Class II, Division 1 and 2 | T6       |

### Dimensions in Millimeters (Inches)



① Fuses not included in fused units. For maximum horsepower please consult fuse manufacturer.