

AC DISCONNECT SWITCHES



INNOVATIVE DESIGN PROVIDES FEATURE PACKED AC DISCONNECT

Built for maximum performance, durability and ease of use, Ferraz Shawmut's AC disconnects are the solution today's single phase commercial and residential applications require. Available in a full range of fusible, non-fusible, switched and pullout styles, these disconnects are easy to install, easy to use, and rugged enough to ensure years of reliable service. The innovative versions with GFCI receptacles are the easiest to install in the industry.

Designed to meet the requirements of NEC210.63, 406.8(B)(1), 440-14, Ferraz Shawmut's AC disconnects feature both UL and cUL approvals. The 30 and 60 ampere units are rated for 3 and 10 horsepower at 240 VAC respectively.

Features/Benefits

- Side opening cover affords large work area and maximum visibility during installation and use.
- Pre-wired 15A GFCI and standard receptacles with stripped wire ends makes for quick and easy installations.
- Angled receptacle mounting eliminates the possibility of crushing portable electrical cord plugs when closing "while in use" cover.
- Cord holders provided on receptacle models via retaining clips to secure cord with "while in use" cover.
- Finger Safe Contacts provides IP20 grade of protection to safeguard both installers and end users.
- Integrated hanger bracket for easy wall mounting.
- Captive set screws on wiring compartment cover ensures screws can never be lost. Combination flat, phillips and hex screw heads further simplify installation.
- Safety Lockout – integrated safety latch prevents unauthorized access.
- Switched versions eliminate the risk of losing or mis-installing the pullout and clearly identifies whether the switch is in the ON or OFF position.

Ratings

- 240VAC
- 30 or 60 amperes
- 10kA Short Circuit Current Rating

Approvals

SWITCHED MODELS

- UL Listed
Guide W1AX
File E198597
- cUL Guide W1AX7
File E198597

PULLOUT MODELS

- UL Listed
Guide WGEU
File E198598
- cUL
Guide WGEU7
File E198598

- NEMA 3R enclosure with high quality gray powder coat finish featuring ultra UV protection for long life and durability.
- Multiple knockouts provide maximum installation flexibility and mounts easily anywhere.

AC DISCONNECT SWITCHES

AC Disconnect Nomenclature

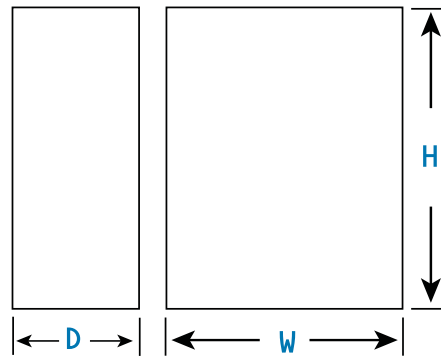
Example Catalog Number
DS F P 30 M GFCI

| Disconnect switch | Type | Operation | Ampere Rating | Enclosure Type | Option |
|----------------------|----------------------------|-----------------------------|---------------|---------------------|---|
| DS=Disconnect switch | F = Fused N = Non-fused | P = Pullout S = Switched | 30 60 | M = Metal Enclosure | GFCI = self contained 15A GFCI receptacle present R=self contained 15A standard (non-GFCI) receptacle present |

AC Disconnect Switch Family - Typical Configurations

| Non-Fused AC Disconnects | 60A | WxHxD (Inches) | Weight |
|---|-------------|----------------|---------------|
| Pullout disconnect in metal enclosure | DSNP60M | 5.25x8.75x2.25 | 3 lbs. |
| Pullout disconnect with GFCI receptacle in metal enclosure | DSNP60MGFCI | 6x10.5x3 | 4 lbs. 10 oz. |
| Pullout disconnect with standard (non-GFCI) receptacle in metal enclosure | DSNP60MR | 6x10.5.x | 4 lbs. 10 oz. |
| Switched disconnect in metal enclosure | DSNS60M | 5.25x8.75x2.25 | 3 lbs. 2 oz. |
| Switched disconnect with GFCI receptacle in metal enclosure | DSNS60MGFCI | 6x10.5x3 | 5 lbs. 5 oz. |

Dimensions



| Fused AC Disconnects | 30A | WxHxD (Inches) | Weight |
|--|-------------|----------------|---------------|
| Pullout disconnect in metal enclosure | DSFP30M | 5.5x9x2.75 | 3 lbs. 12 oz. |
| Pullout disconnect with GFCI receptacle in metal enclosure | DSFP30MGFCI | 6x10.5x3 | 4 lbs. 12 oz. |
| | 60A | | |
| Pullout disconnect in metal enclosure | DSFP60M | 5.5x9x2.75 | 4 lbs. |
| Pullout disconnect with GFCI receptacle in metal enclosure | DSFP60MGFCI | 6x10.5x3 | 5 lbs. |

Wire Range

| | Cu | AL | Cu/AL |
|-----------------------|------------|------------|------------|
| Line + Load Connector | #2-#14 AWG | #2-#12 AWG | — |
| Ground Connector | — | — | #4-#12 AWG |



AC Disconnect Cross Reference

| Description | Ferraz Shawmut | Bussmann | Cutler Hammer | Midwest | GE | Siemens | Square D | Milbank |
|------------------------|----------------|-------------|---------------|------------|---------|---------|----------|---------|
| Non-Fused | | | | | | | | |
| 60A, Pullout | DSNP60M | B222-60NF | DPU222R | U065P | TFN60R | WNF2060 | UFS221R | U3800 |
| 60A, Pullout with GFCI | DSNP60MGFCI | B222-60NFGF | DPU222RGF | U065P010 | - | - | - | U3822 |
| 60A, Switch | DSNS60M | - | DPB222R | U065NA1 | TNA60R1 | - | QO200TR | - |
| 60A, Switch with GFCI | DSNS60MGFCI | - | - | U065NA1010 | - | - | - | - |
| Fused | | | | | | | | |
| 30A Pullout | DSFP30M | B221-30F | DPF221B | U035F1 | TF30R | WFS2030 | FS221R | U3803 |
| 30A Pullout with GFCI | DSFP30MGFCI | - | - | - | - | - | - | - |
| 60A, Pullout | DSFP60M | B222-60F | DPF222B | U065F1 | TF60R | WFS2060 | FS222R | U3806 |
| 60A, Pullout with GFCI | DSFP60MGFCI | - | - | - | - | - | - | - |