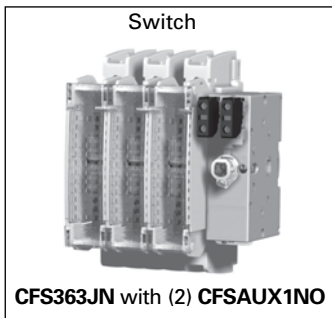


### Features

- 30–800A ratings
- UL Listed & CSA Certified
- IEC 60 947-3 Certified & CE marked
- Door mounted rotary handles with defeatable cover interlock
- Meets UL requirements for both main and branch circuit applications
- Compact size
- 65 or 100KA with Class CC fuses or up to 200KA with Class J fuses
- Load break and horsepower rated
- Quick make and break operation
- All handles are padlockable with up to (3) padlocks with 5/16" hasps in the OFF position
- Catalog number **CFS361C5**, **CFS361J5** & **CNFS361** can be DIN-rail mounted and can be either front or side operated with standard rotary handles
- Handles are available in Type 1, 3R, 4/4X & 12 ratings
- NFPA 79 field installed kits are available



### Ordering Information

1. Select the panel mounted switch required based on Ampere, HP and AIC requirements. Switches with a right hand mechanism are standard. 30-100A switches with a left hand mechanism are available.
2. Select handle based on environmental rating required.
3. Select operating shaft (200 or 400mm in length). For enclosure depths of 9.0" or less from panel mounting surface to inside of door use 200mm long shafts. For deeper enclosures use 400mm long shafts. 30A 65kA switches can be used in 10" deep enclosures (panel to inside of door) with 200mm shaft and CFSH5N handles.
4. Line & load lugs are provided as standard on 30–100A switches. Terminal kits are available for 200–800A switches if needed.
5. Auxiliary contacts are available if needed as follows:
  - A. 30A, 65kA switch CFS361C5 and non-fusible 30A switch CNFS361 will accept up to (4) aux contacts.
  - B. 30A, 65kA switch CFS361J5 will accept up to (2) aux contacts without an aux contact holder. If more than (2) aux contacts are required order aux contacts PLUS aux contact holder kit CFSAuxH1. All other switches will accept up to (4) aux contacts.
6. If non-fusible switch is required order a shorting bar for 60-600A switches or catalog number **CNFS361** for 30A.
7. 30–100A switches are designed to prevent inadvertent contact with live parts and shields are not required. 200–800A switches are supplied as standard with line shields and terminal shroud kits are available for the load side.

Note: Be sure to check shaft and handle compatibility with the switch selected by using the information provided in the selection tables.

**Note: Availability of new style 200 & 400A switches, catalog numbers CFS364JN & CFS365JN to be announced.**

# Switches

## Disconnect Switches

### Type CFS Compact Fusible Switches

Fusible Switches, 3-Pole 600V AC Max, 250V DC Max<sup>⑤</sup>  
(CFS364JN & CFS365JN availability to be announced)

| Switch Ampere Rating | Catalog Number | List Price \$ | Fuse Provisions Provided | Max Horsepower Ratings |            |            |         | AC Short Circuit Rating |
|----------------------|----------------|---------------|--------------------------|------------------------|------------|------------|---------|-------------------------|
|                      |                |               |                          | 240V 3Ø AC             | 480V 3Ø AC | 600V 3Ø AC | 250V DC |                         |

#### Standard - with Right Hand Mounted Mechanism

|                  |                      |  |          |     |     |     |                 |       |
|------------------|----------------------|--|----------|-----|-----|-----|-----------------|-------|
| 30 <sup>①</sup>  | CFS361C5             |  | Class CC | 7.5 | 15  | 20  | 5 <sup>③</sup>  | 65kA  |
| 30 <sup>①</sup>  | CFS361J5             |  | Class J  | 7.5 | 15  | 20  | 5 <sup>③</sup>  | 65kA  |
| 30 <sup>①</sup>  | CFS361CN             |  | Class CC | 7.5 | 15  | 20  | 5 <sup>③</sup>  | 100kA |
| 30 <sup>①</sup>  | CFS361JN             |  | Class J  | 7.5 | 15  | 20  | 5 <sup>③</sup>  | 200kA |
| 30 <sup>①</sup>  | CNFS361 <sup>②</sup> |  | None     | 7.5 | 15  | 20  | 5 <sup>③</sup>  | 65kA  |
| 60 <sup>①</sup>  | CFS362JN1            |  | Class J  | 15  | 30  | 50  | 10 <sup>③</sup> | 100kA |
| 60 <sup>①</sup>  | CFS362JN             |  | Class J  | 15  | 30  | 50  | 10 <sup>③</sup> | 200kA |
| 100 <sup>①</sup> | CFS363JN             |  |          | 30  | 60  | 75  | 20 <sup>③</sup> |       |
| 200 <sup>②</sup> | CFS364JN             |  |          | 60  | 125 | 150 | 40 <sup>④</sup> |       |
| 400 <sup>②</sup> | CFS365JN             |  |          | 125 | 250 | 350 | 50 <sup>④</sup> |       |
| 600 <sup>②</sup> | CFS366J <sup>③</sup> |  |          | 200 | 400 | 500 | —               |       |
| 800 <sup>②</sup> | CFS367L <sup>③</sup> |  | Class L  | 200 | 400 | 500 | —               | 200kA |

#### Optional - with Left Hand Mounted Mechanism

|                  |           |  |         |     |    |    |                 |       |
|------------------|-----------|--|---------|-----|----|----|-----------------|-------|
| 30 <sup>①</sup>  | CFS361JLN |  | Class J | 7.5 | 15 | 20 | 5 <sup>③</sup>  | 200kA |
| 60 <sup>①</sup>  | CFS362JLN |  |         | 15  | 30 | 50 | 10 <sup>③</sup> |       |
| 100 <sup>①</sup> | CFS363JLN |  |         | 30  | 60 | 75 | 20 <sup>③</sup> |       |

#### Operating Shafts for 30–400A switches<sup>⑤</sup>

| Catalog Number | List Price \$ | Shaft Length In. (mm) | Switch & Handle Compatibility   |
|----------------|---------------|-----------------------|---|
| CFSS5200N      |               | 7.9 (200)             | 5mm x 5mm for use with CFS361C5, CFS361J5 & CNFS361 switches & with "CFSH5" handles only                      |
| CFSS5400N      |               | 15.7 (400)            |   |
| CFSS5200HN     |               | 7.9 (200)             | 5mm x 5mm for use with all "CFSH10" handles & with CFS361C5, CFS361J5 & CNFS361 switches only                 |
| CFSS5400HN     |               | 15.7 (400)            |   |
| CFSS10200HN    |               | 7.9 (200)             | 10mm x 10mm for use with all "CFSH10" handles & with all 30–400A switches except CFS361C5, CFS361J5 & CNFS361 |
| CFSS10400HN    |               | 15.7 (400)            |   |

#### Rotary Operating Handles—Door Mounted (for use with 65kA CFS361C5, CFS361J5 & CNFS361 switches only)<sup>⑥</sup>

| Catalog Number | List Price \$ | Color        | UL Type          | Operating Shaft Compatibility |
|----------------|---------------|--------------|------------------|-------------------------------|
| CFSH5B12N      |               | Blue & Black | 1, 3R & 12       | CFSS5200N or CFSS5400N        |
| CFSH5R12N      |               | Yellow & Red |                  |                               |
| CFSH5B4N       |               | Blue & Black | 1, 3R, 12 & 4/4X |                               |
| CFSH5R4N       |               | Yellow & Red |                  |                               |

#### Rotary Operating Handles—Door Mounted (for use with CFSS5200HN, CFSS5400HN, CFSS10200HN & CFSS10400HN)

| Catalog Number | List Price \$ | Color | Description |
|----------------|---------------|-------|-------------|
|----------------|---------------|-------|-------------|

#### Type 1, 3R & 12<sup>⑦</sup>

|             |  |              |   |
|-------------|--|--------------|---|
| CFSH10B12N  |  | Blue & Black | Heavy duty pistol grip (2.75" long for use with 30A switches & CFS362JN1) |
| CFSH10R12N  |  | Yellow & Red |   |
| CFSH10BL12N |  | Blue & Black | Heavy duty pistol grip (4.92" long for 30–400A switches)                  |
| CFSH10RL12N |  | Yellow & Red |   |

#### Type 1, 3R, 4/4X & 12<sup>⑦</sup>

|            |  |              |   |
|------------|--|--------------|---|
| CFSH10B4N  |  | Blue & Black | Heavy duty pistol grip (2.75" long for use with 30A switches & CFS362JN1) |
| CFSH10R4N  |  | Yellow & Red |   |
| CFSH10BL4N |  | Blue & Black | Heavy duty pistol grip (4.92" long for 30–400A switches)                  |
| CFSH10RL4N |  | Yellow & Red |   |

<sup>①</sup>Line and load lugs included.

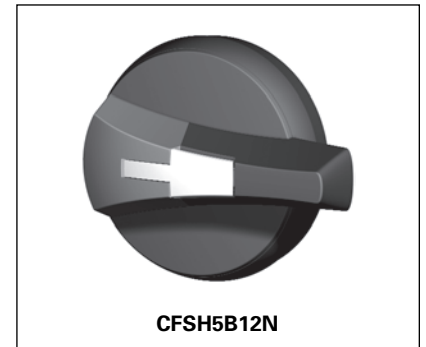
<sup>②</sup>Line and load lugs are not included.

Order from table on next page if required.

<sup>③</sup>DC HP rating shown requires (2) poles to be connected in series.

<sup>④</sup>DC HP rating shown requires (3) poles to be connected in series.

<sup>⑤</sup>Catalog numbers CFS361C5 & CFS361J5 accept 5mm x 5mm operating shafts. All other 30–400A switches accept 10mm x 10mm operating shafts.



<sup>⑥</sup> Compact pistol grip design (2.75" long) with defeatable cover interlock. Cover can be opened when handle is padlocked in the OFF position.

<sup>⑦</sup> Defeatable cover interlock provided. Cover cannot be opened when handle is padlocked in the OFF position.

<sup>⑧</sup> Catalog number CNFS361 is a non-fusible switch.

<sup>⑨</sup> 4-Pole 600 & 800A switches, CFS466J & CFS467L are also available.

# Switches

## Disconnect Switches

### Type CFS Compact Fusible Switches

#### UL & CSA Technical Characteristics and Panel Space Requirements

| Catalog Number | Amps | Fuse Class | AC Short Circuit Rating | Electrical Endurance | Mechanical Endurance | Panel Space Requirements – Inches (mm) |             |                    |
|----------------|------|------------|-------------------------|----------------------|----------------------|--|-------------|--------------------|
|                |      |            |                         |                      |                      | Height                                 | Width       | Depth <sup>ⓐ</sup> |
| CFS361C5       | 30   | CC         | 65kA                    | 6000                 | 10000                | 4.56 (116)                             | 3.78 (96)   | 6.00 (152)         |
| CFS361J5       | 30   | J          | 65kA                    | 6000                 | 10000                | 4.56 (116)                             | 4.15 (96)   | 6.00 (152)         |
| CFS361CN       | 30   | CC         | 100kA                   | 6000                 | 10000                | 5.87 (149)                             | 4.92(125)   | 6.00 (152)         |
| CFS361JN       | 30   | J          | 200kA                   | 6000                 | 10000                | 5.35 (136)                             | 5.89 (150)  | 6.00 (152)         |
| CFS361JLN      | 30   | J          | 200kA                   | 6000                 | 10000                | 5.35 (136)                             | 5.89 (150)  | 6.00 (152)         |
| CNFS361        | 30   | None       | 65kA                    | 6000                 | 10000                | 4.56 (116)                             | 3.78 (96)   | 6.00 (152)         |
| CFS362JN1      | 60   | J          | 100kA                   | 6000                 | 10000                | 5.35 (136)                             | 5.89 (150)  | 6.00 (152)         |
| CFS362JN       | 60   | J          | 200kA                   | 6000                 | 10000                | 7.32 (186)                             | 5.89 (150)  | 6.00 (152)         |
| CFS362JNL      | 60   | J          | 200kA                   | 6000                 | 10000                | 7.32 (186)                             | 5.89 (150)  | 6.00 (152)         |
| CFS363JN       | 100  | J          | 200kA                   | 6000                 | 10000                | 7.32 (186)                             | 5.89 (150)  | 6.00 (152)         |
| CFS363JNL      | 100  | J          | 200kA                   | 6000                 | 10000                | 7.32 (186)                             | 5.89 (150)  | 6.00 (152)         |
| CFS364JN       | 200  | J          | 200kA                   | 6000                 | 8000                 | 11.46 (291)                            | 7.72 (196)  | 6.00 (152)         |
| CFS365JN       | 400  | J          | 200kA                   | 1000                 | 6000                 | 15.35 (390)                            | 10.19 (259) | 8.00 (203)         |
| CFS366J        | 600  | J          | 200kA                   | 1000                 | 5000                 | 11.81 (300)                            | 14.33 (364) | 11 (280)           |
| CFS466J        | 600  | J          | 200kA                   | 1000                 | 5000                 | 11.81 (300)                            | 18.03 (458) | 11 (280)           |
| CFS367L        | 800  | L          | 200kA                   | 500                  | 3500                 | 11.81 (300)                            | 14.33 (364) | 11 (280)           |
| CFS467L        | 800  | L          | 200kA                   | 500                  | 3500                 | 11.81 (300)                            | 18.03 (458) | 11 (280)           |

#### Wire Ranges Line & Load Lugs

| Switch Ampere Rating | UL Approved Wire Size (75°C) | Mechanical Wire Range of Lug (75°C) |
|----------------------|------------------------------|-------------------------------------|
| 30                   | #6–10 Cu                     | #14–10 Cu                           |
| 60                   | #6–10 Cu                     | #10–3 Cu                            |
| 100                  | #12–1 Cu                     | #12–1 Cu                            |
| 200                  | #3/0 Cu                      | #6–3/0 Cu/Al                        |
| 400                  | (1) 500 or 600 kcmil Cu      | (1)#2–600 kcmil Cu/Al               |
| 600                  | (2) 350 kcmil Cu             | (2)#2–600 kcmil Cu/Al               |
| 800                  | (2) 600 kcmil Cu             | (2)#2–600 kcmil Cu/Al               |

<sup>ⓐ</sup> Minimum dimension from mounting surface to inside of cover. Dimensions shown can be decreased if aux contacts are not required.