## Disconnect Switches

## Type MCS [30-200A] — Switches, Fuse and No Fuse Kits

## Features

- 30, 60, 100 and 200 Ampere Switches
- UL Recognized (file \# E121152 vol. 1 \& 2) and CSA Certified
- Simple Mounting - with an integral switch and over center mechanism
- Horsepower \& load break rated


Type MCS Disconnect Switch with Max-Flex ${ }^{\text {TM }}$ handle operator

## Ordering Information

1. Select the basic switch size you need (30, 60, 100 or 200 ampere).
2. Check the switch selected against the maximum horsepower rating required for our application. "L" or "R" suffix on

- Compact Size
- Visible Blade Contacts
- Rugged Construction - with a short circuit current rating of $10,000 \mathrm{amps}$ with Class H or 200,000 amps at 600V maximum AC, when fused with Class $R$ or Class J fuses


Type MCS Disconnect Switch with fixed-depth, flange-mounted handle
switch catalog numbers denotes left or right-handed mechanism drive.
3. Choose either fuse or no fuse kit from chart below.
4. Check "Minimum Dimensions" on page

- Available with three operator handle options, allowing flexible placement of switch
- Field Installable Auxiliary Contacts
- Flexible Fuse Class Configurations
- Flange mounted handles meet NFPA79 requirements


Type MCS Disconnect Switch with rotary handle

5-12 for installation space requirements.
5. Select from the list of handle operators, the type which best suits your application. Handle operators can be selected from the next page.

## Basic Switches

| Switch <br> Ampere <br> Rating | Maximum <br> Voltage <br> Rating | Catalog <br> Number <br> Right <br> Hand | Catalog <br> Number <br> Left <br> Hand | Maximum Horsepower Rating, 3 Phase ${ }^{4}$ |  |  |  |  |  | 250 <br> Volts <br> DC <br> $(\max )^{4}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 240 Volts AC |  | 480 Volts AC |  | 600 Volts AC |  |  |
|  |  |  |  | Standard Fuse | Time Delay Fuse | Standard Fuse | Time <br> Delay <br> Fuse | Standard Fuse | Time <br> Delay <br> Fuse |  |
| 30 | 600 | MCS603R | MCS603L | 3 | $71 / 2$ | 5 | 15 | $71 / 2$ | 20 | 5 |
| 60 | 600 | MCS606R | MCS606L | $71 / 2$ | 15 | 15 | 30 | 15 | 50 | 10 |
| 100 | 600 | MCS610R | MCS610L | 15 | 30 | 25 | 60 | 30 | 75 | 20 |
| 200 | 600 | MCS620R | MCS620LA | 25 | 60 | 50 | 125 | 60 | 150 | 40 |

Fuse And No Fuse Kits (Includes load base plus line and load fuse clips) ${ }^{(1)}$

| Basic Switch Ampere Rating | Switch Catalog Number | Kit Description | No Fuse Kits |  | For Class H | For Class J | For Class R | Lug Wire Size |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Standard | Cu Only ${ }^{(2)}$ | Catalog <br> Number | Catalog <br> Number ${ }^{(1)}$ | Catalog <br> Number |  |
|  |  |  | Catalog Number | Catalog Number |  |  |  |  |
| 30 | MCS603R or MCS603L | No Fuse | TMK606 | - | - | - | - |  |
|  |  | 30A, 250 V | - | - | FCK203A | - | FCRK203 | \#14 to |
|  |  | 30A, 600V | - | - | FCK206 | FCJK603 | FCRK206 | \#4 AWG |
|  |  | 60A, 250 V | - | - | FCK206 | - | FCRK206 | $\mathrm{Cu} / \mathrm{Al}$ |
|  |  | 60A, 600V | - | - | FCK606 | FCJK606 | FCRK606 |  |
| 60 | MCS606R or MCS606L | No Fuse | TMK606 | - | - | - | - |  |
|  |  | 60A, 250V | - | - | FCK206 | - | FCRK206 | \#14 to |
|  |  | 60A, 600V | - | - | FCK606 | FCJK606 | FCRK606 | \#4 AWG |
|  |  | 100A, 250V | - | - | OFCK661A | OFCK661A |  | $\mathrm{Cu} / \mathrm{Al}$ |
|  |  | 100A, 600V | - | - | OFCK661A | OFCK661A | (3) |  |
| 100 | MCS610R or MCS610L | No Fuse | TMK610 | TMK610C | - | - | - |  |
|  |  | 100A, 250V | - | - | FCK610 | FCK610 | (3) | \#14 to |
|  |  | 100A, 600V | - | - | FCK610 | FCK610 | ${ }^{(3)}$ | \#2/0 AWG |
|  |  | 200A, 250 V | - | - | OFCK620 | OFCK620 | (3) | $\mathrm{Cu} / \mathrm{Al}$ |
|  |  | 200A, 600V | - | - | OFCK620 | OFCK620 | ${ }^{(3)}$ |  |
| 200 | MCS620R or MCS620L | No Fuse | TMK620 | TMK620CA | - | - | - | \#6 to |
|  |  | 200A, 250V | - | - | FCK620 | FCK620 | (3) | 300 kcmil |
|  |  | 200A, 600V | - | - | FCK620 | FCK620 | (3) | $\mathrm{Cu} / \mathrm{Al}$ |

[^0]Non-Fusible-order standard switch and copper only no
(2) Includes both line and load lugs.

## Disconnect Switches

## Type MCS [30-200A]

Auxiliary Switch Kits

| Switch <br> Catalog Number | Contact Arrangement |  |
| :--- | :--- | :--- |
|  | 1 NO/1 NC | 2 NO/2 NC |
|  | Catalog Number |  |
| MCS603R | MCSAKR136 | MCSAKR236 |
| MCS603L | MCSAKL136 | MCSAKL236A |
| MCS606R | MCSAKR136 | MCSAKR236 |
| MCS606L | MCSAKL136 | MCSAKL236A |
| MCS610R | MCSAK116 | MCSAK216 |
| MCS610L | MCSAK116 | MCSAK216 |
| MCS620R | MCSAK126 | MCSAK226 |
| MCS620L | MCSAK126 | MCSAK226 |

Class R Fuse Conversion Kits

| Fuse Clip Rating | Catalog Number |
| :--- | :--- |
| $100 \mathrm{~A}, 600 \mathrm{~V}$ | SSRK33 |
| 200A, 600V | SSRK34 |

## Fuse Ejector Kits

| Switch <br> Catalog Number | Fuse Ejector Kit <br> Catalog Number |
| :--- | :--- |
| MCS610 | FE100A |
| MCS620 | FE200A |

Handle Operators
Fixed Depth, Flange Mounted, Types 1, 3, 3R, 12 (1)(6)

| Switch <br> Catalog Number | Complete Handle Mechanism | Handle Only | Switch Operator Only |
| :--- | :--- | :--- | :--- |
|  | Catalog Number | Catalog Number | Catalog Number |
| MCS603R | FDFS06R | FDH10 | FDS06R |
| MCS603L | FDFS06L | FDH10 | FDS06L |
| MCS606R | FDFS06R | FDH10 | FDS06R |
| MCS606L | FDFS06L | FDH10 | FDS06L |
| MCS610R | FDFS06R | FDH10 | FDS06R |
| MCS610L | FDFS06L | FDH10 | FDS06L |
| MCS620R | FDFS20R | FDH20 | FDS20R |
| MCS620L | FDFS20L | FDH20 | FDS20L |

Variable Depth, Flange Mounted Max-Flex ${ }^{\text {mw }}$, Types 1, 3, 3R, $12{ }^{(2)}$

| Switch <br> Catalog Number | Complete Handle Mechanism | Handle Only | Switch Operator Only | Cable Only ${ }^{3}$ ) |
| :--- | :--- | :--- | :--- | :--- |
|  | Catalog Number | Catalog Number | Catalog Number | Catalog Number |
| MCS603R | FHOS06036R | FHOHS | FHOS06R | FHOEC036 |
| MCS603L | FHOS06036L | FHOHS | FHOS06L | FHOEC036 |
| MCS606R | FHOS06036R | FHOHS | FHOS06R | FHOECC036 |
| MCS606L | FHOS06036L | FHOHS | FHOS06L | FHOEC036 |
| MCS610R | FHOS06036R | FHOHS | FHOS06R | FHOEC036 |
| MCS610L | FHOS06036L | FHOHS | FHOS20R | FHOJC036 |
| MCS620R | FHOS20036R | FHOHS | FHOS20L | FHOJC036 |
| MCS620L | FHOS20036L | FHOHS |  |  |

Variable Depth Rotary, Through-The-Door-Mounted, Types 1, 12 (4)(5)

| Variable Depth |  |  |  |  |  |  |  | CRHOH | Shaft Only Variable Depth |
| :--- | :--- | :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| MCS603R | CRHOS06VD | RHOS06 | RHOSVD |  |  |  |  |  |  |
| MCS606R | CRHOS06VD | RHOOH | RHOSVD |  |  |  |  |  |  |
| MCS610R | CRHOS06VD | RRHOH | RHOS06 | RHOSVD |  |  |  |  |  |
| MCS620R | CRHOS20VD | RHOH | RHOS20 | RHOS |  |  |  |  |  |

## MCS Disconnect Switch Panel Space Requirements

Panel Space Requirements


A Built to order. Allow 6-8 weeks for delivery.
(1)For Type 4 and 4X applications, order handle only Catalog Number
100A - FDH104 200A - FDH204
(2) For Type 4 and 4 X applications, order handle only Catalog Number FHOHS4

Minimum Dimensions (inches*)

| Switch <br> Catalog <br> Number | Size | "A" | "B" | "C" | Fuse <br> Class |
| :--- | :--- | :--- | :--- | ---: | :--- |
| MCS603 | $30 \mathrm{~A} / 240 \mathrm{~V}$ | 6.13 | 5.52 | 8.11 | $\mathrm{H}, \mathrm{K}, \mathrm{R}$ |
|  | $30 \mathrm{~A} / 600 \mathrm{~V}$ | 6.13 | 5.52 | 10.11 | $\mathrm{H}, \mathrm{K}, \mathrm{R}$ |
|  | $30 \mathrm{~A} / 600 \mathrm{~V}$ | 6.13 | 5.52 | 8.48 | J, |
| MCS606 | $60 \mathrm{~A} / 240 \mathrm{~V}$ | 6.13 | 5.52 | 7.86 | $\mathrm{H}, \mathrm{K}, \mathrm{R}$ |
|  | $60 \mathrm{~A} / 600 \mathrm{~V}$ | 6.13 | 5.52 | 10.38 | $\mathrm{H}, \mathrm{K}, \mathrm{R}$ |
|  | $60 \mathrm{~A} / 600 \mathrm{~V}$ | 6.13 | 5.52 | 8.35 | J, |
| MCS610 | $100 \mathrm{~A} / 240 \mathrm{~V}$ | 7.38 | 7.59 | 11.85 | $\mathrm{H}, \mathrm{K}, \mathrm{R}$ |
|  | $100 \mathrm{~A} / 600 \mathrm{~V}$ | 7.38 | 7.59 | 13.85 | H, K, R |
|  | $100 \mathrm{~A} / 600 \mathrm{~V}$ | 7.38 | 7.59 | 10.6 | J, |
| MCS620 | $200 \mathrm{~A} / 240 \mathrm{~V}$ | 9.17 | 9.00 | 14.7 | H, K, R |
|  | $200 \mathrm{~A} / 600 \mathrm{~V}$ | 9.17 | 9.00 | 17.2 | H, K, R |
|  | $200 \mathrm{~A} / 600 \mathrm{~V}$ | 9.17 | 9.00 | 13.32 | J, |


| (3)Standard cable length is 36 inches. Alternate lengths are |
| :--- |
| available as follows: |
| Length | Amps Cat. No.

" $A$ " - Dimension is measured from each cross bail pin.
" $B$ " - Dimension is measured from line side barrier to load side barrier.
" $C$ " - Dimension is measured from line side terminal of switch to load side terminal of fuse load base.

[^1]Disconnect Switches

## Features

- 30-800A ratings

■ UL Listed under file \#E121152
\& CSA Certified under file \#222227

- Door mounted rotary handles with defeatable cover interlock
■ Meets UL requirements for both main and branch circuit applications
- Compact size
- 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 and CNFS361 can be DIN-rail mounted and can be either front or side operated with standard rotary handles.

- All CFS part numbers ending in $N$ 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
- 30-400A, 200kA switches are provided with quick connect terminal provisions for voltage sensing or for 10A max. control circuits
■ Fusible switches, 3-pole 600V AC Max. 30-100A \& 600800A switches are also rated 250 V DC Max when poles are field connected in series.

5. Auxiliary contact are available if needed as follows.
A. 30A switch CFS361C5 and non-fusible 30A switch CNFS361 will accept up to (4) aux contacts
B. 30A 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. $200 \& 400 \mathrm{~A}$ switches are not supplied with terminal 200 \& 400A switches are not supplied with terminal
shields. They are available as field installed kits for both line and load terminals. 400-800A switches are supplied as standard with line shields and terminal shroud kits are available for the load side.


## 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 400 mm in length). For enclosure depths of $9.0^{\prime \prime}$ or less from panel mounting surface to inside of door use 200 mm long shafts. For deeper enclosures use 400 mm long shafts. 30A 100kA switches can be used in 10" deep enclosures (panel to inside of door) with 200 mm shaft and CFSH5N handles.
Note: Be sure to check shaft and handle compatibility with the switch selected by using information provided in the selection tables.
4. Line \& load lugs are provided as standard on 30-100A switches. Terminal kits are available for 200-800A switches if needed.

Fusible switches, 3-pole 600V AC Max. 30-100A \& 600-800A switches are also rated 250V DC Max when poles are field connected in series ${ }^{\text {® }}$

| Switch ampere rating | Catalog number | Fuse provisions provided | Max horsepower ratings |  |  |  | AC short circuit rating |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{aligned} & 240 \mathrm{~V} \\ & 3 Ø \mathrm{AC} \end{aligned}$ | $\begin{aligned} & 480 \mathrm{~V} \\ & 3 Ø \mathrm{AC} \end{aligned}$ | $\begin{aligned} & 600 \mathrm{~V} \\ & 3 Ø \mathrm{AC} \end{aligned}$ | $\begin{aligned} & \hline 250 \mathrm{~V} \\ & \mathrm{DC} \end{aligned}$ |  |
| Standard - with right hand mounted mechanism |  |  |  |  |  |  |  |
| $30{ }^{\text {(1) }}$ | CFS361C5 | Class CC | 7.5 | 15 | 20 | $5^{3}$ | 100kA |
| $30{ }^{\text {® }}$ | CFS361J5 | Class J | 7.5 | 15 | 20 | $5^{3}$ | 100kA |
| $30{ }^{\text {® }}$ | CFS361JN | Class J | 7.5 | 15 | 20 | $5{ }^{3}$ | 200kA |
| $30{ }^{1}$ | CNFS361811 | None | 7.5 | 15 | 20 | $5^{3}$ | 65 kA |
| $60{ }^{1}$ | CFS362JN1 | Class J | 15 | 30 | 50 | $10^{3}$ | 100kA |
| $60{ }^{1}$ | CFS362JN |  | 15 | 30 | 50 | $10^{3}$ |  |
| $100{ }^{(1)}$ | CFS363JN |  | 30 | 60 | 75 | $20^{3}$ |  |
| $200{ }^{2}$ | CFS364JN ${ }^{4}$ | Class J | 60 | 125 | 150 | - | 200kA |
| $400{ }^{2}$ | CFS365JN ${ }^{4}$ |  | 125 | 250 | 350 | - |  |
| $600{ }^{2}$ | CFS366J010 |  | 200 | 400 | 500 | - |  |
| $800{ }^{2}$ | CFS367L(0) | Class L | 200 | 400 | 500 | - | 200kA |



Optional - with left hand mounted mechanism ${ }^{4}$

| $30(1)$ | CFS361JLN |  | 7.5 | 15 | 20 | $5^{(3}$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $60(1)$ | CFS362JLN | Class J | 15 | 30 | 50 | $10^{(3}$ | 200 kA |
| $100{ }^{(1}$ | CFS363JLN |  | 30 | 60 | 75 | $20^{3}$ |  |

Operating shafts for 30-400A switches ${ }^{\text {( }}$

| Catalog <br> number | Shaft length <br> in. (mm) | Switch \& handle compatibility |
| :--- | :--- | :--- |
| CFSS5200N | $7.9(200)$ | $5 \mathrm{~mm} \times 5 \mathrm{~mm}$ for use with CFS361C5, CFS361J5 \&CNFS361 <br> switches \& with "CFSH5" handles only |
| CFSS5400N | $15.7(400)$ | $5 \mathrm{5mm} \times 5 \mathrm{~mm}$ for use with all "CFSH10" handles \& with |
| CFSS5200HN | $7.9(200)$ | CFS361C5, CFS361J5 \& CNFS361 switches only |

Compact rotary operating handles - door mounted (for use with CFS361C5, CFS3361J5 \& CNFS361 switches only)(ब

| Catalog <br> number | Color | UL Type | Operating shaft compatibility |
| :--- | :--- | :--- | :--- |
| CFSH5B12N <br> CFSH5R12N | Blue \& Black <br> Yellow \& Red | $1,3 R$ \& 12 |  |
| CFSH5B4N <br> CFSH5R4N | Blue \& Black <br> Yellow \& Red | $1,3 R, 12 \& 4 / 4 X$ |  |

Rotary operating handles - door mounted (for use with CFSS5200HN, CFSS5400HN, CFSS10200HN \& CFSS10400HN)

| Catalog <br> number | Color | Description |
| :--- | :--- | :--- |
| Type 1, 3R \& 12® |  |  |
| CFSH10B12N Blue \& Black Heavy duty pistol grip (2.75" long for use <br> with 30A switches \& CFS362JN1) <br> CFSH10R12N Yellow \& Red Heavy duty pistol grip <br> (4.92" long for 30-400A switches) <br> CFSH10BL12N Blue \& Black Yellow \& Red |  |  |
| CFSH10RL12N | Yed |  |

Type 1, 3R, 4/4X \& 12 ${ }^{\text {( }}$

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

(1) Line and load lugs included.
(2) Line and load lugs are not included.

Order from table on next page if required.
(3) DC HP rating shown requires (3) poles to be connected in series.
(4) CFS364JN \& CFS365JN can be rotated $180^{\circ}$ for left hand operation as standard.
(3) Catalog numbers CFS361C5, CFS361J5 \& CNFS361 accept $5 \mathrm{~mm} \times 5 \mathrm{~mm}$ operating shafts. All other $30-400 \mathrm{~A}$ switches accept $10 \mathrm{~mm} \times 10 \mathrm{~mm}$ operating shafts.

[^2]600 \& 800A rotary operating handles - door mounted (8.27" long) ${ }^{\text { }}$

| Catalog <br> number | Color | UL Type |
| :--- | :--- | :--- |
| CFSH12BL12 | Blue \& Black | $1,3 R$ \& 12 |
| CFSH12RL12 | Yellow \& Red | $1,3 R \& 12$ |
| CFSH12BL4 | Blue \& Black | $1,3 R, 12 \& 4 / 4 X$ |
| CFSH12RL4 | Yellow \& Red | $1,3 R, 12 \& 4 / 4 X$ |

600 \& 800A operating shafts (cross section $12 \times 12 \mathrm{~mm}$ )

| Catalog <br> number | Shaft length <br> in. $(\mathbf{m m})$ | Enclosure depth <br> (switch mounting surface to door OD) |
| :--- | :--- | :--- |
| CFSS12200H | $12.59(320)$ | $10.43-16.68 \mathrm{in}$. |
| CFSS12400H | $15.75(400)$ | $10.43-19.84 \mathrm{in}$. |

Type CFS fusible switch accessories

| Catalog <br> number | Description |
| :--- | :--- |
| Terminals ${ }^{(1)}$ |  |
| CFSL200 200A lug kit (6 lugs per kit) (1)\#6-3/0 <br> CFSL400N <br> 400A lug kit (6 lugs per kit) (1)\#2-600kcmil (for CFS365JN only)  <br> CFSL400 $600-800 \mathrm{~A}$ lug kit (6 lugs per kit) (2)\#2-600kcmil |  |

Shorting bars (no fuse kits)

| CFSSB60 | 60A shorting bar kit (3 links per kit) |
| :--- | :--- |
| CFSSB100 | 100A shorting bar kit (3 links per kit) |
| CFSSB200 | 200A shorting bar kit (3 links per kit) |
| CFSSB400 | 400A shorting bar kit (3 links per kit) |
| CFSSB680 | $600 \& 800$ A shorting bar kit (1 link per kit) |

Auxiliary contacts (NEMA ratings AC A600 DC N600)

| CFSAUXH1 ${ }^{(2)}$ | Aux contact holder (CFS361J5, CFS361C5 \& CNFS361) |
| :--- | :--- |
| CFSAUX1NO | Aux contact 1 NO (30-800A Sws) |
| CFSAUX1NC | Aux contact 1 NC (30-800A Sws) |
| CFS11AUX | 1NO, 1NC aux contact kit (side mount for 200kA switches) |
| CFS22AUX | 2NO, 2NC aux contact kit (side mount for 200kA switches) |

Terminal shrouds (line or load)

| CFSTS200N ${ }^{8}$ | 200A shroud kit (line or load 3-pole kit) |
| :--- | :--- |
| CFSTS400N ${ }^{8}$ | 400A shroud kit (line or load 3-pole kit for CFS365JN only) |
| CFSTS680 ${ }^{\text {® }}$ | 600/800A 3-pole shroud kit |
| CFSTS6804 ${ }^{\text {® }}$ | 600/800A 4-pole shroud kit |

30A compact switch kits

| CFSPLK | Shaft padlocking kit for 30A compact switch when door is open ${ }^{(3)}$ |
| :--- | :--- |
| CFSH5CDM | Direct mount handle kit for CFS361C5 \& CNFS361 |
| CFSH5JDM | Direct mount handle kit for CFS361J5 |

## NFPA 79 kits

(if auxiliary contacts are needed, see table on page 7)


Kits provide an operating shaft suitable for use with all heavy duty handles (not for use with CFSH5 handles). Kits also provide an internal operating handle and an internal OFF padlocking provision.

| CFSNFPA1 $^{(4)}$ | For use with CFS361C5, CFS361J5 \& CNFS361 |
| :--- | :--- |
| CFSNFPA2N $^{(5)}$ | For use with CFS361JN, CFS361CN, CFS362JN1, CFS362JN, CFS363JN <br> \& CFS364JN |
| CFSNFPA3N ${ }^{\text {(5 }}$ | For use with CFS365JN only |

(1) Supplied as standard on 30-100A switches
(2) CFS361C5 and CNFS361 will accept (4) aux contacts without an aux contact holder. CFS361J5 will accept (2) aux contacts without an aux contact holder.
(3) Supplied as standard on all but $30 \mathrm{~A}, 65 \mathrm{kA}$ \& 100 kA compact switches
(4) 12.6 in. ( 320 mm ) long operating shaft included
(6) 12.7 in . ( 323 mm ) long operating shaft included © Line side terminal shrouds supplied with switch

(7) Defeatable cover interlock included. Cover cannot be opened when the handle is padlocked in the OFF position.
(8) Neither line or load terminal shrouds are supplied as standard with new style 200 \& 400A 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 - in. (mm) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Height | Width | Depth ${ }^{(1)}$ |
| CFS361C5 | 30 | CC | 100kA | 6000 | 10000 | 4.56 (116) | 3.78 (96) | 6.00 (152) |
| CFS361J5 | 30 | J | 100kA | 6000 | 10000 | 4.56 (116) | 4.15 (105) | 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 | $65 \mathrm{kA}{ }^{2}$ | 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) |
| CFS362JLN | 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) |
| CFS363JLN | 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 | Amperage <br> Rating | UL approved <br> wire size (75ㅇ C) |
| :--- | :--- | :--- |
| CFS361J5 | 30 | (1)\#14-10 |
| CFS361C5 | 30 | (1)\#14-10 |
| CNFS361 | 30 | $(1) \# 14-10$ |
| CFS361JN | 30 | $(1) \# 14-6$ |
| CFS362JN1 | 60 | $(1) \# 14-6$ |
| CFS362JN | 60 | $(1) \# 12-1$ |
| CFS363JN | 100 | $(1) \# 12-1$ |
| CFS364JN | 200 | $(1) \# 3 / 0$ |
| CFS365JN | 400 | $(1) 600 \mathrm{MCM}$ |
| CFS366J | 600 | $(2) 350 \mathrm{MCM}$ |
| CFS367L | 800 | $(2) 600 \mathrm{MCM}$ |

Auxiliary contact capability when an NFPA79 kit is used

| Switch | NFPA79 kit | Aux contacts that can be installed |
| :--- | :--- | :--- |
| CNFS361 | CFSNFPA1 | (2) Total, CFSAUX1NO <br> or CFSAUX1NC |
| CFS361C5 |  | (1) CFSAUX1NO or (1) CFSAUX1NC |
| CFS361J5 |  |  |
| CFS361JN |  |  |
| CFS362JN1 |  |  |
| CFS362JN |  |  |
| CFS363JN |  | Total, CFSAUX1NO or CFSAUX1NC3 |
| CFS364JN |  |  |
| CFSS365JN |  |  |


[^0]:    (1) Built to order. Allow 6-8 weeks for delivery.
    (1) For "copper only" connectors, order as follows:
    Fusible-order standard switch, standard fuse kit and copper only no fuse kit.

[^1]:    (4) For Type 4 and 4 X applications, order handle only Catalog Number RHOH4
    (5) For Type 3 and 3R applications, order handle only Catalog Number RHOH
    (6) Min. enclosure depth from mounting pan to handle mount-
    ing surfaces: 30-100A 6.44 Inches

[^2]:    (6) Compact pistol grip design ( $2.75^{\prime \prime}$ long) with defeatable cover interlock. Cover can be opened when handle is padlocked in the OFF position.
    (7) Defeatable cover interlock provided. Cover cannot be opened when handle is padlocked in the OFF position. (8) Catalog number CNFS361 is a non-fusible switch.
    (8) 4 pole $600 \& 800 A$ switches, CFS466J \& CFS467L are also available.
    (10) CFS366J and CFS367L are rated 250 \& 600V DC when (2) poles are connected in series.
    (11) CNFS361 is rated 65 kA when protected by Class J or CC 30A max. fuses.

