

F SERIES DOUBLE THROW SAFETY SWITCHES (30A-200A)



60A Fusible Double Throw Switch

***In any value comparison
SQUARE D Safety Switches
are the winner!***

- ***Time-saving features for fast and easy installation***
- ***Advanced features and modular design provide cost saving maintenance***
- ***A full range of operation features for maximum safety and convenience***



Schneider Electric Brands

These exclusive F Series Double Throw Switches are rated heavy-duty — making them ideal for use in the most rugged conditions, including residential, light commercial and industrial manual transfer applications.

Most applications can be met with a full range of fusible and not fusible switches to select from, plus many field installable accessories, such as electrical interlocks and solid neutrals, provide even greater flexibility. And with the industry's exclusive F Series design you'll enjoy all the benefits of the most reliable and innovative line of safety switches in the industry.

Reliable Performance and Extended Equipment Life

- Blade and jaw switch construction is the industry's preferred approach for a tight, clean closure on the circuit. Plus, the tin-plated copper current-carrying components reduce corrosion and oxidation to prolong the switch life.
- Designed to the tough NEMA standards set for heavy-duty switches to create a durable switch that outlasts and outperforms all others.
- Easy-to-throw, tough-to-break operating mechanism is guaranteed to meet the number of no-load operations required by UL and NEMA standards.
- Outlasts and outperforms all others — exclusive modular construction on all the interior components allows easy maintenance and replacement of parts, reducing downtime and simplifying maintenance.

Flexibility to Meet More Applications

- Fusible and not fusible switches available.
- Enhanced horsepower and SCCR ratings.
- Easy field re-configuration allows one switch to meet two applications: source/single load (motor switching) or single source dual load.
- Field installable accessories provide easy-to-install kits that let you quickly add a solid neutral or electrical interlock at the job.

Maximum Convenience for Installation and Use

- Dual cover interlock prevents the cover from being opened when the switch is ON or from turning the switch ON when the cover is open.
- Embossed ON/OFF markings will not fade like printed or painted markings.
- Ample wire bending space allows cables to enter and exit the same endwall for wiring convenience.
- Side-opening door swings 180° to remain out of the way during installation and maintenance.



SQUARE D
Schneider Electric

F Series Double Throw Switches

Safety Switches Ordering Information

| NEMA Type 1 Catalog Number | NEMA Type 3R Catalog Number | Horsepower Ratings | | | | | |
|----------------------------|-----------------------------|--------------------|------|------|------|---------|--|
| | | 240 Vac | | | | 250 Vdc | |
| | | Std. | | Max. | | Std. | |
| | | 1ph | 3ph | 1ph | 3ph | | |
| DT223 | DT223RB | 7.5 | 15& | 15 | 30& | 20 | |
| DT224 | DT224RB | 15 | 25& | - | 60& | 40 | |
| DT321 | DT321RB | 1.5* | 3& | 3* | 7.5& | 5* | |
| DT322 | DT322RB | 3* | 7.5& | 10* | 15& | 10* | |
| DT323 | DT323RB | 7.5* | 15& | 15* | 30& | 20* | |
| DT324 | DT324RB | 15▲ | 25& | - | 60& | 40▲ | |

| NEMA Type 1 Catalog Number | NEMA Type 3R Catalog Number | Horsepower Ratings | | | | | |
|----------------------------|-----------------------------|--------------------|-----|------|-----|---------|--|
| | | 240 Vac | | | | 250 Vdc | |
| | | Std. | | Max. | | Std. | |
| | | 1ph | 3ph | 1ph | 3ph | | |
| DTU222 | - | - | - | 10 | - | 10 | |
| DTU223 | DTU223RB | - | - | 15 | - | 20 | |
| DTU224 | DTU224RB | 15 | 25& | - | 60& | 40 | |
| DTU321 | - | - | 3& | 5* | 10& | 5* | |
| DTU322 | - | - | - | 10* | 15& | 10* | |
| DTU323 | DTU323RB | - | - | 15* | 30& | 20* | |
| DTU324 | DTU324RB | 15▲ | 25& | - | 60& | 40▲ | |

| NEMA Type 1 Catalog Number | NEMA Type 3R Catalog Number | Horsepower Ratings | | | | | | | |
|----------------------------|-----------------------------|--------------------|------|---------|------|---------|---------|--|--|
| | | 480 Vac | | 600 Vac | | 250 Vdc | 600 Vdc | | |
| | | Std. | Max. | Std. | Max. | | | | |
| | | 3ph | 3ph | 3 ph | 3ph | | | | |
| DT361 | DT361RB | 5& | 15& | 7.5 | 20 | 5* | 15* | | |
| DT362 | DT362RB | 15& | 30& | 15 | 50 | - | 30* | | |
| DT363 | DT363RB | 25& | 60& | 30 | 75 | - | 50* | | |
| DT364 | DT364RB | 50& | 125& | 60 | 150 | 40▲ | 50▲★ | | |

| NEMA Type 1 Catalog Number | NEMA Type 3R Catalog Number | NEMA Type 4, 4X, 5 Catalog Number | NEMA Type 12 Catalog Number | Horsepower Ratings | | | | | | | |
|----------------------------|-----------------------------|-----------------------------------|-----------------------------|--------------------|------|---------|-------|---------|------|---------|---------|
| | | | | 240 Vac | | 480 Vac | | 600 Vac | | 250 Vdc | 600 Vdc |
| | | | | Max. | | Max. | | Max. | | Max. | Max. |
| | | | | 1 ph | 3 ph | 1 ph | 3 ph | 1 ph | 3 ph | | |
| DTU361 | DTU361RB | - | - | 5* | 10& | 7.5* | 20& | 10* | 30 | 5* | 15* |
| DTU362 | DTU362RB | DTU362DS | DTU362AWK | 10* | 20&@ | 25* | 50&◆ | 30* | 60 | 10* | 30* |
| DTU363 | DTU363RB | DTU363DS | DTU363AWK | 20* | 40& | 40* | 75&^^ | 40* | 75 | 20* | 50* |
| DTU364 | DTU364RB | DTU364DS | DTU364AWK | - | 60▲ | 50▲ | 125& | 50▲ | 150 | 40★ | 50★ |
| - | - | - | DTU662AWK | - | 20 | - | 50 | - | 60 | 10 | 30 |
| - | - | - | DTU663AWK | - | 40 | - | 75 | - | 75 | 20 | 50 |
| - | - | - | DTU664AWK | - | 60 | - | 125 | - | 150 | - | - |

| NEMA Type 1 Catalog Number | NEMA Type 4,4X,5 Catalog Number | NEMA Type 12 Catalog Number | Horsepower Ratings | | | | | | | |
|----------------------------|---------------------------------|-----------------------------|--------------------|-----|---------|-----|---------|-----|---------|---------|
| | | | 240 Vac | | 480 Vac | | 600 Vac | | 250 Vdc | 600 Vdc |
| | | | Max. | | Max. | | Max. | | Max. | Max. |
| | | | 2ph | 3ph | 2ph | 3ph | 2ph | 3ph | | |
| DTU462 | DTU462DS | DTU462AWK | 20 | 20 | 40 | 50 | 50 | 50 | 10 | 30 |
| DTU463 | DTU463DS | DTU463AWK | 30 | 40 | 50 | 75 | 50 | 75 | 20 | 30 |
| DTU464 | DTU464DS | DTU464AWK | 50 | 60 | 50 | 125 | 50 | 150 | 40 | 50 |

- & If corner grd. Delta, install neutral and use outer switching poles for ungrounded conductors.
- < Maximum rating.
- * Use outer switching poles.
- ▲ Use any two switching poles.

- @ Maximum hp is 15 for corner grounded delta systems.
- ◆ Maximum hp is 30 for corner grounded delta systems.
- ^^ Maximum hp is 50 for corner grounded delta systems.
- ★ Standard rating.

Kit Ordering Information

| Switch Rating | Normally open/closed contact(s) | Catalog Number |
|---|---------------------------------|----------------|
| Electrical Interlock Kits | | |
| 30A-200A Type DT, DTU Series F | 1/1 | EIK1■ |
| | 2/2 | EIK2■ |
| Class R Fuse Kits (order two kits per 3-pole switch) | | |
| 240V 30A | NA | RFK03 |
| 600V 30A or 240V 60A | NA | RFK06 |
| 600V 60A | NA | RFK06H |
| 240V 100A or 600V 100A | NA | RFK10 |
| 200A | NA | HRK1020 |

| Switch Rating | Neutral Kit* (3-pole switch only) | Equipment Ground Kit |
|--------------------------------|--|----------------------|
| 30A-100A Type DT, DTU Series F | SN0310 | Included |
| 200A | (2)SN20A plus (1)SN20NI neutral jumper kit | Included |

- * When all copper current carrying parts are required, use SNO310C for 30A-100A, CSN20A for 200A.
- Switches contain two separate switching mechanisms. Each mechanism will accept an electrical interlock.

