

RESIDENTIAL/LIGHT COMMERCIAL AUTOMATIC TRANSFER SWITCHES FROM 30 THROUGH 200 AMPERES



Compact Design Saves Space While Providing Ease of Installation

The unique Cutler-Hammer Automatic Transfer Switch design presents all components in much less space...while retaining ample area for the installer to easily complete just four connections.

Help Keep Your Power On During Outages

When your normal power source has been interrupted, a highly reliable Cutler-Hammer Automatic Transfer Switch will start your emergency generator and connect the standby power to circuits in your home or light commercial building.

When normal power is restored, the process is reversed...automatically.

Easily Mounted and Installed

- Delivered from the factory completely assembled, prewired, and tested.
- Simplified mounting provided by the teardrop keyhole design that makes leveling much easier.
- Only four connections for the installer to complete: incoming power line, emergency line from the generator, customer load power, and engine start.
- Single-person installation possible due to small physical size and light weight.

Designed and Engineered for Highest Reliability and Safety

- Assurance that power will be automatically transferred is enhanced by Cutler-Hammer Molded Case Switches. They've been proven through industry-leading contact and mechanism technology, extensive testing, and field use.
- Unlike components used in traditional transfer switches, molded case type switch components are subjected to follow-up testing by Underwriters Laboratories Inc. 
- Deadfront shield provides for added operator protection.

Transfer Switches Required by the National Electrical Code®

- Article 702-6 states: "Transfer equipment is now required on permanently installed optional standby power sources in order to better protect against inadvertent utility interconnections."



Cutler-Hammer

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RESIDENTIAL / LIGHT COMMERCIAL TRANSFER SWITCH EQUIPMENT

The Smallest Automatic Transfer Switches Available

The full family of Cutler-Hammer Residential / Light Commercial Automatic Transfer Switches is for use on 120/240 volt systems; 30, 70, 100, 150, and 200 amperes; 2-pole.

Standard Features

- Proven, highly reliable microprocessor logic provides for completely automatic operation.
- Monitors both normal and standby power sources.
- Four separate time delays:
Normal to emergency – 3 seconds.
Engine start – 10 seconds.
Emergency to normal – 10 seconds.
Engine cool-off – 5 minutes.
- High durability transfer mechanism uses industrial grade components to provide extended service life.
- Plant exerciser with and without load.
- NEMA Type 1 enclosure, Type 3R optional.
- UL 1008 listed.
- Conforms to applicable sections of the NEC Articles 517 and 700.
- Quality Assurance Certificate, documenting tests and inspections, accompanies every automatic transfer switch.
- Assembled in an ISO certified facility.

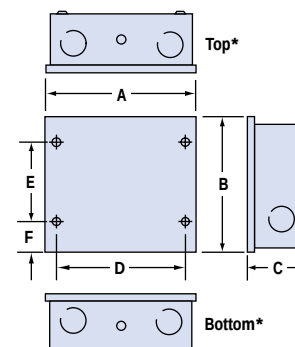
Dimensions and Weights

Inches (mm)

	Rating	
	30-100A	150-200A
A	20 (508)	20 (508)
B	18.22 (463)	28.22 (717)
C	8 (203)	8 (203)
D	16 (406)	16 (406)
E	11 (279)	15 (381)
F	4.33 (110)	5.21 (132)

Pounds (Kg)

30-100A	45 (21)
150-200A	65 (30)



* Convenient knockouts provided on top, bottom, and sides of enclosure.

Standard Withstand, Closing, and Interrupting Ratings^①

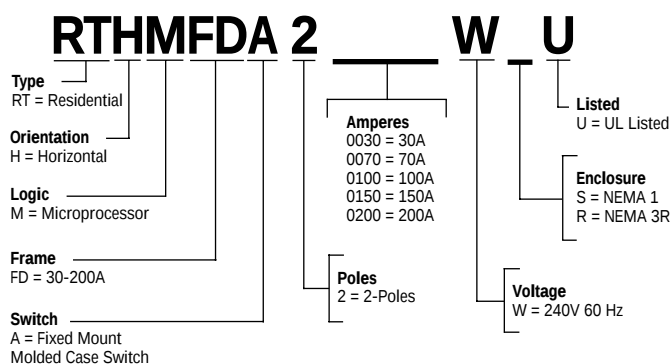
Rating When Used with Upstream Circuit Breakers		Rating When Used with Upstream Fuse	
Transfer Switch Ampere Rating (kA)	240V	Maximum Rating (kA)	Fuse ^② Type
30	100	200	J, T
70	100	200	J, T
100	100	200	J, T
150	100	200	J, T
200	100	200	J, T

① Tested in accordance with UL 1008. For maximum breaker rating in circuits where the transfer switch is evaluated as a "motor branch circuit conductor," refer to NEC Section 430-25 for sizing.

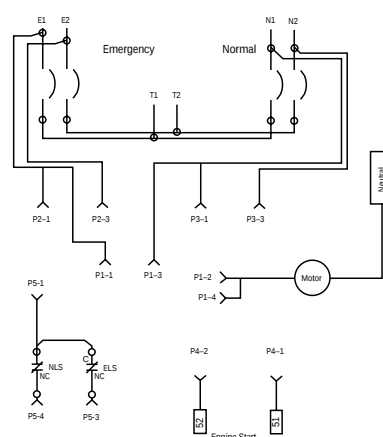
② Class RK Fuse with a 100 kA rating can be used.

Catalog Number

Ordering is simplified. Just insert amperes and enclosure type desired to complete your catalog number.



Typical Wiring Diagram



Note:
The switch's intelligence circuit requires a control reference to the neutral conductor.

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For more information on Cutler-Hammer products and services, call 1-800-525-2000 or 1-732-417-5660, or visit our website at www.cutlerhammer.eaton.com

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