



RESIDENTIAL



INSTITUTIONAL



LIGHT COMMERCIAL



LIGHT INDUSTRIAL



AGRICULTURAL



OEM

In Addition to Our Complete Line of General Duty Safety Switches, Cutler-Hammer Provides These Safety Switch Product Solutions

A FULL LINE OF FUSIBLE AND NON-FUSIBLE TYPES

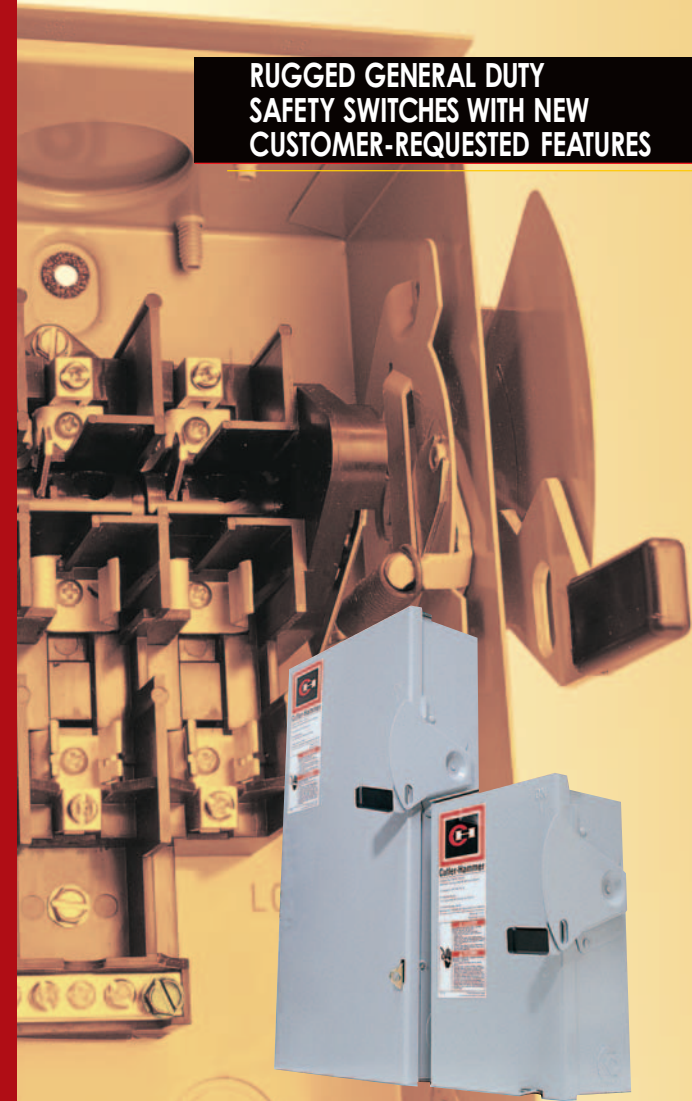
Heavy Duty Safety Switches	30-1200A
Double Throw Safety Switches	30-800A
Enviroline Switches	
All Stainless Steel	30-400A
Window	30-800A
Receptacle	30-100A
Nonmetallic	30-200A
Six-Pole Motor Circuit Switch	30-200A
Enclosed Rotary Switch	40-100A
Air Conditioning Disconnects	30-60A

CUSTOMIZED SAFETY SWITCHES

Our exclusive Safety Switch Flex Center offers the customized safety switch modifications you want, when you need them. Ordering is easy and we'll get your customized safety switch to you quick, usually within one to three days. That's the shortest design, production, and delivery cycle in the industry. Tell us what your modification needs are.

For more information on Cutler-Hammer products and services, call 1-800-525-2000 or 1-616-982-1059, or visit our website at www.cutlerhammer.eaton.com

RUGGED GENERAL DUTY SAFETY SWITCHES WITH NEW CUSTOMER-REQUESTED FEATURES



EATON

Cutler-Hammer

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EATON

Cutler-Hammer

Cutler-Hammer General Duty Safety Switches

PROVEN TOUGH

LEADING THE WAY WITH EXCLUSIVE FEATURES OUR CUSTOMERS REQUESTED

We asked our customers what they'd like to see in a Cutler-Hammer General Duty Safety Switch. They told us what they already liked and recommended the features they wanted to see added.

That's what we did. The door is now uniquely side mounted and hinged on 30-100 ampere switches...and we placed an easily accessible neutral in every fusible switch.

They told us to make fuse replacement easier so we changed the clips and moved the load-side lugs below the lower clips. The desired mechanical door interlock prevents easy access to the switch when the handle is in the ON position...but the designed-in defeater mechanism provides for user access when necessary.

These features and more are provided in the well-known Cutler-Hammer design that continues the dependability and rugged reliability expected from an industry leader.

FEATURES

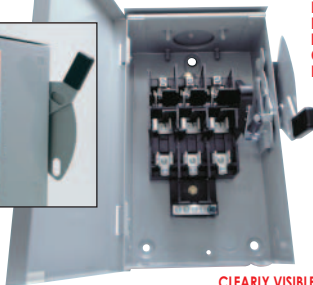
SIDE HINGED, SIDE
OPENING DOOR

HORSEPOWER RATED

SUITABLE AS SERVICE
ENTRANCE
EQUIPMENT WITH
FACTORY-INSTALLED
NEUTRAL OR
INSTALLATION OF A
GROUND LUG OR
NEUTRAL KIT



VISIBLE ON/OFF
INDICATION



CLEARLY VISIBLE AND
ACCESSIBLE NEUTRAL



A FULL SELECTION OF RATINGS

30-600 amperes.
240V AC.
240V AC; 250V DC on 400
ampere switches.
120/240V AC.

SHORT CIRCUIT RATINGS

100 kA rms symmetrical at 240V
when protected by Class R Fuses
(30-600A).
100 kA rms symmetrical at 240V
when protected by Class R, T, or
J Fuses (400-600A).
10 kA rms symmetrical at 240V
when protected by Class H Fuses
(30-600A).

A WIDE SELECTION OF CONFIGURATIONS

Two-pole, two-wire non-fusible.
Three-pole, three-wire non-fusible.
Two-pole, two-wire fusible,
no neutral.
Three-wire (two blades, two fuses,
factory-installed solid neutral).
Three-pole, three-wire, no neutral.
Four-wire (three blades, three fuses,
factory-installed solid neutral).

A FULL RANGE OF ACCESSORIES FIELD OR FACTORY INSTALLED

Ground lug kits.
Neutral kits.
Control pole kits.
Electrical interlock kits.
Crimp lug kits.
Class R and T Fuse kits.

IMPORTANT DESIGN AND CONSTRUCTION FEATURES PROVIDE ENHANCED RELIABILITY

Visible double-break rotary blades, quick-make/quick-break operation provide a positive open and close and easier operation.

All plated-copper current carrying parts increase reliability.

Standard aluminum-bodied mechanical lugs are suitable for Al/Cu conductors (60° or 75°C).

AMPLE KNOCKOUTS

Switch Knockouts

30-60A Tangential on the top, bottom, and sides. Concentric on the back.

100A Concentric on the top, bottom, sides, and back.

200A Tangential on the top, bottom, and sides. Concentric on the back.

400A Concentric on the top, bottom, sides, and back.

600A Concentric on the top and bottom.

ENCLOSURE SELECTION

NEMA Type 1 or NEMA Type 3R

30-200A: Three-point mounting.
400-600A: Four-point mounting.

SAFETY LOCKING

Door hasps (brackets on 400-600A) are lockable. The handle can be locked OFF with up to two 3/8" shank locks on 30-100A switches and three 3/8" shank locks on 200-600A.

MEETS ALL APPLICABLE STANDARDS

UL listed, File No. E5239.
UL98 for switches, UL50 for enclosures.
NEMA Standard KS1 - 1990.
Meets 1999 NEC wire bending space, Table 373-6 (b).

System	Amperes	NEMA Type 1 Enclosure Indoor	NEMA Type 3R Enclosure Rainproof
		Catalog Number	Catalog Number

Fusible - Cartridge Type

2-Pole, 2-Wire (Two Blades, Two Fuses) 240V AC	400	DG225FGK	DG225FRK
	600	DG226FGK	DG226FRK

3-Wire (Two Blades, Two Fuses, S/N) 120/240V AC	30	DG221NGB	DG221NRB
	60	DG222NGB	DG222NRB
	100	DG223NGB	DG223NRB
	200	DG224NGK	DG224NRK
	400	DG225NGK	DG225NRK
600	DG226NGK	DG226NRK	

3-Pole, 3-Wire (Three Blades, Three Fuses) 240V AC	400	DG325FGK	DG325FRK
	600	DG326FGK	DG326FRK

4-Wire (Three Blades, Three Fuses, S/N) 120/240V AC	30	DG321NGB	DG321NRB
	60	DG322NGB	DG322NRB
	100	DG323NGB	DG323NRB
	200	DG324NGK	DG324NRK
	400	DG325NGK	DG325NRK
600	DG326NGK	DG326NRK	

Non-Fusible

2-Pole, 2-Wire (Two Blades) 240V AC	30	DG221UGB	DG221URB
	60	DG222UGB	DG222URB
	100	DG223UGB	DG223URB

3-Pole, 3-Wire (Three Blades) 240V AC	30	DG321UGB	DG321URB
	60	DG322UGB	DG322URB
	100	DG323UGB	DG323URB
	200	DG324UGK	DG324URK
	400	DG325UGK	DG325URK
600	DG326UGK	DG326URK	

For complete application and technical data, please refer to the latest edition of the Cutler-Hammer Safety Switch Product Guide.

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