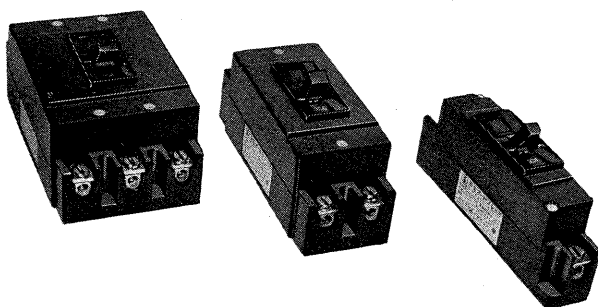


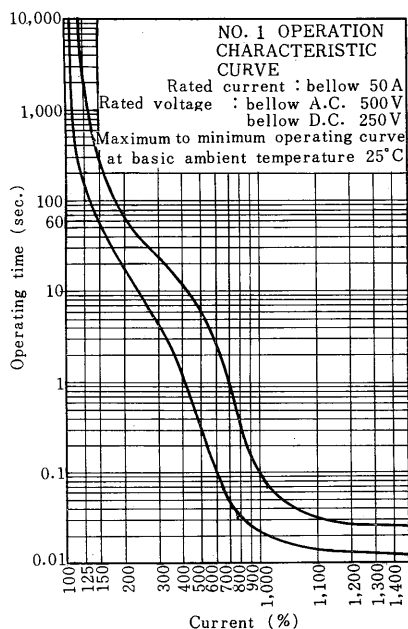
FUJI AUTO-BREAKER

Fuji Auto-Breaker is a perfect magnetic type no-fuse breaker, manufactured in conformity to the Japanese Industrial Standards JIS C 8370 "Circuit Breaker for Distribution Line" and is used for switching an electric circuit under AC 600 V or DC 250 V and under 225 A to protect the electric circuits or various kinds of machines and apparatus against overload and shortcircuit faults.

1. Special Features



1) It is not effected by the ambient temperature. Because thermal elements are not contained, the breaker is always operated by a constant current ever if the ambient temperature variates according to season or erection site (but operating time variates).



2) Instant reclosing is capable

Because thermal elements are not contained, instant reclosing is possible if the circuit is under the normal current, even after the breaker is tripped off by overload or shortcircuit current.

3) Safe and sure protection for the electric circuit

The time element by means of an oil brake is actuated with,

inverse time limit characteristic for overload, instantaneous characteristic (magnetically) for short-circuit current.

Further it protects the circuit most safely and surely without making any mis-trip against a momentary overload such as a rush current, a starting current etc.

4) Small size and long life

The other special features as a no-fuse breaker are,

- Trip free type
- Time limit tripping
- Safe handling
- Easy maintenance.

2. Kind and Ratings

Rated voltage : AC 125 V~600 V

DC 125 V~250 V

Rated current : 5~225 A

(30 A, 50 A, 100 A, 225 A frame)

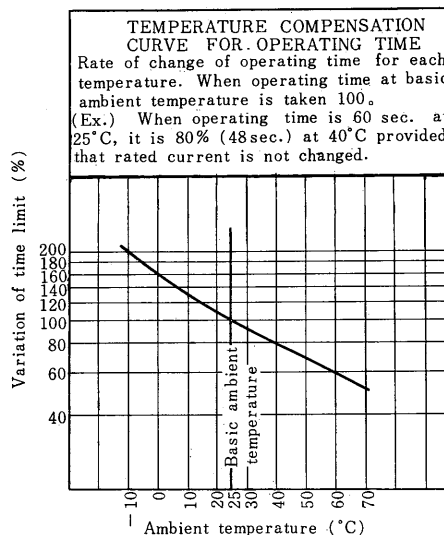
Rated interrupting current capacity :

2,500 A~20,000 A

No. of pole : Single pole, two pole and three pole

Mounting and connection :

Front type	Surface mounting front connection
Back type	Surface mounting back connection



Flush type Back mounting back connection

Remarks

As special accessories, the followings are provided upon your request.

- Auxiliary switch with 1-“c” contact
- Auxiliary switch with 1-“b” contact for alarming of automatic tripping
- Mechanical trip indicator

3. Characteristics

The Fuji Auto-Breaker has an operating characteristic of inverse time limit as shown in the above No. 1 curve (below rated current 50 A). You are requested to adjust the operating time by the compensation curve according to change of the ambient temperature.

(By H. Tarumi, Standard Electric Machine & Apparatus Dep't.)

NEW TYPE FUJI DENKI JUICER, MODEL J 164

Fuji Denki Juicer is a tremendous hit with Japanese of all ranks, and now is finding its way to overseas markets.

The monopolistic popularity of our juicer now led the “Juicer Boom” and Fuji Denki Juicer is the must for our modern living. Here we introduce a new model J 164our answer to the customers' requirement. The following are the specifications, special features of J 164 and the points of difference between new model J 164 and conventional model J 163.

1. Specifications

- 1) Dejuicing capacity 1,500 cc
- 2) Dejuicing method Grind centrifugal separate system
- 3) Rating 30 min.
- 4) Motor 2-pole condenser motor HSREK 11 D/2
- 5) Power source and input
100 V 50/60 c/s
1.55/1.35 A 100 W
- 6) Rotation speed of centrifugal cage
2,830/3,230 rpm (on load)
- 7) Starting voltage Under 60 V
- 8) Breaking time Within 1 sec.
- 9) Vibration Under 0.02 mm (at no load)
- 10) Noise Under 58 phon (at no load)
- 11) Dejuicing rate
Max. juice quantity
Max. quantity of material be dejuiced
80% (In case apple is used)
- 12) Max. quantity of material be dejuiced
1,700 g

2. Special Features

- 1) Two throwing inlets

It has two inlets, small and large, you can select them according to the kinds of the material or recipe you want and also can use small one as the inlet for seasonings.

- 2) Sharp cutter

Cutter is hard aluminum made with special surface

treatment called “Diamond-hard”, so the material is grated efficiently.

As the cutter is made of light alloy which keeps vitamins from destruction, you can enjoy vitamin rich nourish juice.

- 3) Small vibration and large quantity juice

Each component part is designed rationally, so the vibration is negligibly small and there

is no danger in feeding it with a lot of materials at a time. You can dejuice considerably lots of material in a matter of a moment.

- 4) Switch with interlocking brake

Turn off the switch, then the break is automatically applied and the rotation will stop within 1~2 seconds. When switch is on, the break is off and begins to make rotation for your efficient use.

- 5) Easy-to-use piston

Piston is made of soft high-quality plastics, so it does not emit the disagreeable sound when pressing the materials into the Juicer.

One piston is common for both inlets.

3. Points of Difference from Model J 163

- 1) Case cover Two (small and large) inlets
- 2) Piston One piston but common for both inlets
- 3) Rubber wheel Addition of a bearing collar (For the easy tightening of the case cover)
- 4) Cutter Adoption of the ultra-hard light alloy cutter
- 5) Filter Adoption of the sheet like filter dotted with round holes
- 6) Color tone Three kinds of bright color are available

(By K. Akashi, Household Appliance Dep't.)

