

Applications

| Motor Model | Application Examples | Motor Model | Application Examples |
|-----------------------------------|--|-------------------------------|---|
| Fuji Timing Motor (Motor Unit) | Clocks (for time indication of electric clocks and time limit action of time meters) | Fuji Timing Motor with Clutch | For motor timers other than listed above |
| | Timers (for control of washing cycles of electric washers, defrosting of electric refrigerators, for timers of electric cookers) | Fuji Timing Motor with Gears | Besides the uses listed above, it may be used in various other clock and timing device applications |
| | Control devices, transmission of copies or photographs, recording devices | | |
| | Recording and reproducing devices, scientific and medical instruments | | |

Specifications

| Name | Fuji Timing Motor (Motor Unit) | Fuji Timing Motor with Clutch | Fuji Timing Motor with Gears |
|--------------------|--------------------------------------|---|---|
| Model | FH 47 | FHH 47 | FHG 47 |
| Rated Voltage | Ac 100 v, 200 v | Ac 100 v, 200 v | Ac 100 v, 200 v |
| Frequency | 50 c/s, 60 c/s | 50 c/s, 60 c/s | 50 c/s, 60 c/s |
| Pole Number | 16 | 16 | 16 |
| Revolution | 375 rpm (50 c/s) 450 rpm (60 c/s) | 375 rpm (50 c/s) 450 rpm (60 c/s) | 1 rpm, 1 rph |
| Rotating Direction | Clockwise as seen from shaft end | Counterclockwise as seen from shaft end | Counterclockwise as seen from shaft end |
| Power Consumption | Less than 4 w (w/o load) | Less than 5 w (w/o load) | Less than 4 w (w/o load) |
| Weight | 85 g | 105 g | 165 g |

(By I. Ichikawa, Standard Electric Machine and Apparatus Dept.)

MICRO SWITCH, MODEL FV10

Micro switch, model FV 10 is the sister product to model FZ 15 already introduced in our Fuji Electric Review Vol. 10 No. 3 1964. This new switch with its unique snap action device has been well received by its users. It features accuracy, durability, and an especially low price. In an average month more than a million switches are manufactured throughout Japan, more than half of which are FV 10 type. The FV 10 Micro Switch serves, with vitality and great dependability, both industrial machines and household appliances equally well.

Features

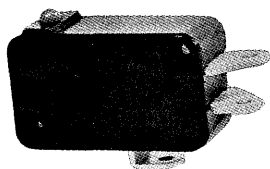
1) It is one third the size and weight of a standard FZ 15 model with no sacrifice in capacity or sturdy construction.

2) Unique snap action device—The moving spring always operates under a constant force with a minimum of vibration. Excessive force on the actuator will not affect the life of the switch.

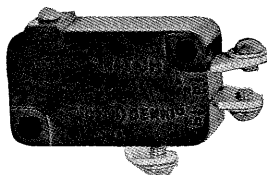
3) Superior performance and durability—The Fuji Micro Switch FV 10 has a life expectancy of more than 1 million mechanical or 100,000 electrical activations, a rating that is double the JIS (Japan Industrial Standards) C 4505 minimum of 50,000 activations.

4) High speed operation—Making and breaking of large current electrical circuits is achieved in hundredths (or thousands) of a second by means of a remarkable bantam snap action device.

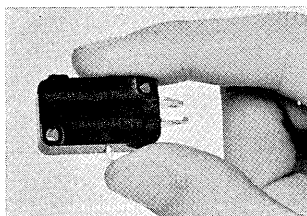
5) Even when the switch is operated in slow motion, accurate operation is guaranteed by this unique snap action device.



Model FV 10F 01A
(Soldered terminal)



Model FV 10F 01B
(Screwed terminal)



pin and pushbutton type, either the solder terminal or the screw terminal.

Dimensions and Specifications

Dimensions and specifications conform to the model JIS C 4505V 10F of Japanese Industrial Standards.

Terminals and Contact Indications

Contacts are all made single-pole double throw. They can be used for normally-closed type or normally-opened type, depending on purpose. Terminals are either solder terminals or screw terminals. Because of a unique snap action mechanism, positions of solder or screw terminals are reversed with those marketed generally. To avoid installation difficulties, contact indications must be followed exactly!

(By Y. Fujishiro, Standard Electric Machine and Apparatus Dept.)

Ratings

| Rated Voltage (v) | Rated Current (amp) | | | |
|-------------------|---------------------|----------------|--------------------|----------------|
| | AC | | DC | |
| | Non-Inductive Load | Inductive Load | Non-Inductive Load | Inductive Load |
| 125 | 10 | 6 | 0.4 | 0.1 |
| 250 | 6 | 4 | 0.3 | 0.05 |

Models

Two models of terminals are available for both the

FUJI AIR CONDITIONER, STANDARD MODEL RWT87

Here's high-capacity cooler at an exceptionally low cost! You get all the advanced features of conventional air conditioners, plus a new germicidal filter that not only cleans the air but kills germs, too! With this handsome model that cools, dehumidifies, filters, and circulates the air, you can enjoy complete air conditioned comfort economically.

- Cooling : A powerful compressor supplies your room with ample cool air.
- Dehumidifying : Moisture is constantly removed from the air, keeping your room refreshingly cool.
- Air-purifying : A germicidal polyurethane filter even removes invisible dust particles from the air and kills germs as well, creating a cleaner, healthier environment.

Special Features

- 1) An outstanding moisture removal at 3.2 pint/hr
- 2) Extra-quiet operation through the use of

tecumseh and special sound-proofing material
Below NCA 55 at "High"
Below NCA 50 at "Low"

3) Permanent, washable filter made of bacteria-killing polyurethane.

4) An overload protection relay

Should the equipment become overloaded from one cause or another, a safety device will suspend the operation of the compressor. After the overload problem has been detected and corrected, normal operation resumes by turning the switch to "COOL".

