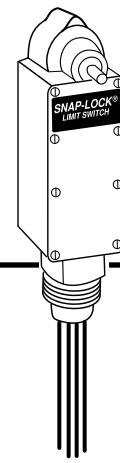


Single Pole
Standard Environment
(Super Sealed)

Limit Switches

Butt Contacts



Limit Switches

- Multiple Contacts — SPDT
- Epoxy Sealed
- Generous Overtravel
- Heavy Duty Cam Operated
- Flexibility of Motion CW, CCW and CW/CCW

Wide range of operation...modular construction...practical flexibility.

The Series EA770 Super Sealed Water & Oil Tight Snap-Lock Limit Switches are the "ultimate" of the industry. By incorporating the moisture seal with these switches, trouble caused by water, soluble oils or condensation has been eliminated. The scope of models is tailored to meet today's rugged requirements...there is a model of size and type to meet virtually all demands.

Besides covering all functional requirements, this line is designed to meet practically every condition of installation. These Snap-Lock Switches provide reliable "machine-life" service and have the stamina to operate under unusual conditions...at the same time giving millions of consistently fast, accurate contacts.

Here are a few of the outstanding features built into the switch for maximum performance. Generous overtravel and by-pass, flexibility of motion, fast contact action, and Form Z contact arrangement.

Options Available

- Low temperature (-40°C to +90°C) components and lubricants.
- A variety of levers can be ordered from Namco Controls Series EL. NOTE: Levers must be ordered as separate item. See pages 294-301.
- Basic design permits mounting from either side or back. Style L or W mounting plates, for back mounting.

EA770 Single Pole 1 N.O. - 1 N.C. / Butt Contacts / Cam Action

| Standard Mounting Model No. | Wide Mounting Model No. | Long Mounting Model No. | Dir. Of Operation | Angle A Trip Travel | Angle B Reset Travel | Angle C Recom. Travel | Angle D Total Travel | Angle E Min. Travel to Maintain | Angle F Overall Travel | Torque (inch lbs) | Contact Config. |
|-----------------------------|-------------------------|-------------------------|-------------------|---------------------|----------------------|-----------------------|----------------------|---------------------------------|------------------------|-------------------|-----------------|
| STANDARD TRAVEL | | | | | | | | | | | |
| EA770-10000 | EA770-40000 | EA770-70000 | CW | 18° | 14° | 30° | 90° | - | - | 15 | A |
| EA770-10001 | EA770-40001 | EA770-70001 | CCW | 18° | 14° | 30° | 90° | - | - | 15 | B |
| EA770-10100 | EA770-40100 | EA770-70100 | CW/CCW | 18° | 14° | 30° | 90° | - | - | 15 | C |

See Operating Levers Section

Common Switch Characteristics

| SINGLE POLE, STANDARD (SUPER-SEALED) ENVIRONMENT, BUTT CONTACTS | |
|---|--|
| NEMA Enclosure Type | 1, 4, 6, 13 |
| Housing Material | Zinc |
| Ambient Temperature Range* | -20°C to +90°C |
| Shipping Weight | 3 lbs. approx. |
| Lever Adjustment | 7°30' Increments Thru 360° |
| Contacts | Butt, Silver Alloy, Form Z |
| Lead Wires** | 4 lead wires, part no. shown is for 15 ft. |

*Some low temperature (-40°C to +90°C) versions available. Contact factory.
 **Available in increments of 5 ft. Contact factory.

Continuous Current Rating - Amperes

| VOLTAGE | AC | DC |
|---------|------|-----|
| 125 | 20.0 | 5.0 |
| 250 | 15.0 | 1.5 |
| 480 | 10.0 | - |
| 600 | 5.0 | - |

75-100% Power Factor

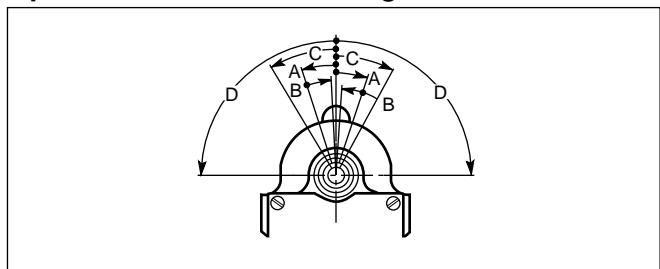
Contact Configurations

CIRCUIT A

CIRCUIT B

CIRCUIT C

Operational Data Drawings



Dimensions and Mounting

EA770

STANDARD MOUNTING PLATE

WIDE MOUNTING PLATE

LONG MOUNTING PLATE

Limit Switches



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For technical assistance, call 1-800-NAMTECH