



KAYCEE

Brand that set the standards



MICROSWITCHES

SUB-MINIATURE

TYPE K5

KAYCEE Sub Miniature Microswitch type K5 incorporates butterfly snap-action mechanism. Designed for use where space is at a premium. Confirms to Joint Services Specification 51204, 1972.

Double break moving contact arrangement enables the circuit to be broken in two places simultaneously; Thus arc energy and heat gets dissipated minimizing the possibility of contact weld. This feature effectively increases electrical life.

CIRCUITRY: Type K5 is available in double pole providing 2 sets of NO & NC Contact arrangement and the option to control upto 4 isolated circuits. It may be wired externally to provide (two commons to form) a standard double pole double throw switch.

RATING: 5A/250V AC - Nominal
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TEMPERATURE: Operational range is from - 40°C to + 70° C

VOLTAGE PROOF: Switches are tested to 2KV AC between current carrying parts and accessible metal parts and 1KV AC between open contacts.

TERMINALS: Solder.

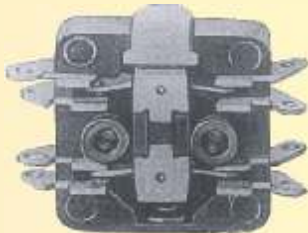
LIFE EXPECTANCY:

A) Mechanical	10,000,000 operations
B) Electrical	50,000 operations

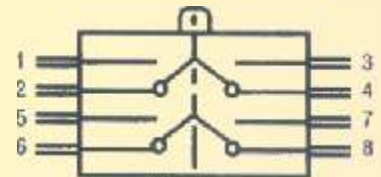
CONTACT RESISTANCE: 20m.ohms (max.)

INSULATION RESISTANCE: 100m.ohms (min.)

WEIGHT: 5gms. (approx.)



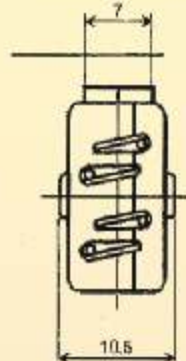
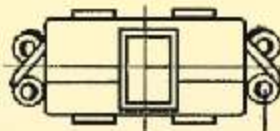
ACTUAL SIZE



POSITION AT RESET

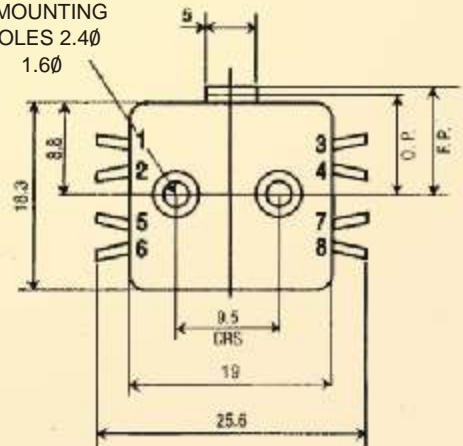
OPERATING CHARACTERISTICS:

FREE POSITION	: 10.40 (MAX.)
OPERATING POSITION	: 9.90/9.50
OVER TRAVEL	: Plunger may be depressed until flush with case.
MOVEMENT DIFFERENTIAL	: 0.75 mm. (Mm.)
PRE TRAVEL	: 0.9 mm. (Max.)
ACTUATING FORCE	: 400 gms. (Max.)
RELEASE FORCE	: 100 gms. (Min.)



DIMENSIONS (In.mm)


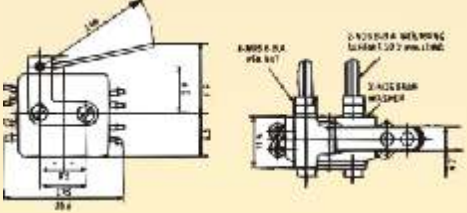

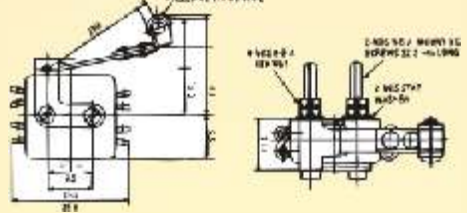

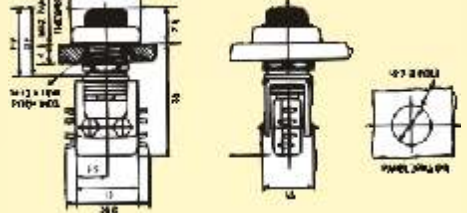

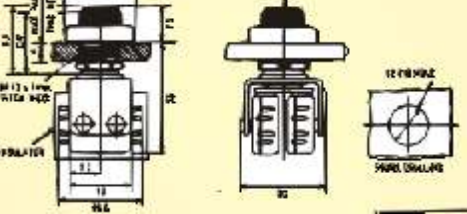

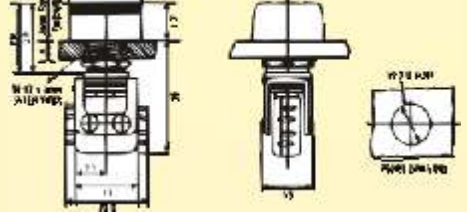

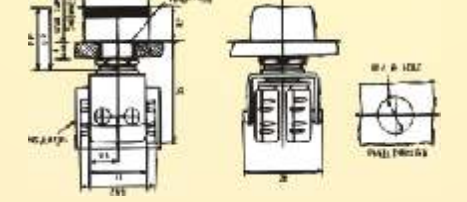
2 MOUNTING HOLES 2.4Ø
1.6Ø



Kaycee for Commitment...
Kaycee for Quality...



ACTUATORS

<p>08</p> 		<p>OPERATING CHARACTERISTICS:</p> <ol style="list-style-type: none"> 1) FREE POSITION: 16.50 2) OPERATING POSITION: 11.00/9.00 3) OVER TRAVEL: 0.50 (min.) 4) MOVEMENT DIFFERENTIAL: 3.00 (max.) 5) ACTUATING FORCE: 100 gms. (max.) 6) RELEASE FORCE: 20 gms. (min.)
<p>09</p> 		<p>OPERATING CHARACTERISTICS:</p> <ol style="list-style-type: none"> 1) FREE POSITION: 22.50 2) OPERATING POSITION: 16.50/15.00 3) OVER TRAVEL: 0.75 (min.) 4) MOVEMENT DIFFERENTIAL: 4.00 (max.) 5) ACTUATING FORCE: 100 gms. (max.) 6) RELEASE FORCE: 20 gms. (min.)
<p>13</p> 		<p>OPERATING CHARACTERISTICS:</p> <ol style="list-style-type: none"> 1) FREE POSITION: 18.00 (max.) 2) OPERATING POSITION: 17.00/15.00 3) OVER TRAVEL: 0.50 (min.) 4) MOVEMENT DIFFERENTIAL: 0.75 (max.) 5) ACTUATING FORCE: 400 gms. (max.) 6) RELEASE FORCE: 100 gms. (min.)
<p>14</p> 		<p>OPERATING CHARACTERISTICS:</p> <ol style="list-style-type: none"> 1) FREE POSITION: 18.00 (max.) 2) OPERATING POSITION: 17.00/15.00 3) OVER TRAVEL: 0.50 (min.) 4) MOVEMENT DIFFERENTIAL: 1.50 (max.) 5) ACTUATING FORCE: 800 gms. (max.) 6) RELEASE FORCE: 100 gms. (min.)
<p>16</p> 		<p>OPERATING CHARACTERISTICS:</p> <ol style="list-style-type: none"> 1) FREE POSITION: 22.50 (max.) 2) OPERATING POSITION: 21.00/19.50 3) OVER TRAVEL: 0.50 (min.) 4) MOVEMENT DIFFERENTIAL: 0.75 (max.) 5) ACTUATING FORCE: 400 gms. (max.) 6) RELEASE FORCE: 100 gms. (min.)
<p>17</p> 		<p>OPERATING CHARACTERISTICS:</p> <ol style="list-style-type: none"> 1) FREE POSITION: 22.50 (max.) 2) OPERATING POSITION: 21.00/19.50 3) OVER TRAVEL: 0.50 (min.) 4) MOVEMENT DIFFERENTIAL: 1.50 (max.) 5) ACTUATING FORCE: 800 gms. (max.) 6) RELEASE FORCE: 100 gms. (min.)

Product improvement being a continuous process at Kaycee. The product supplied may differ from that illustrated and described in the literature



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