

Kaycee for Commitment...

Kaycee for Quality...



KAYCEE
Brand that set the standards

RANGE OF MICROSWITCHES

STANDARD

TYPE K1

Standard Microswitches type 'K1' bear the safety and quality mark of kaycee'. In spite of small casing dimensions, the creepage distance and clearance in air are so designed that maximum safety is ensured. Precision in design and manufacture as well as the high quality of the material used, results in long mechanical and electrical life. Switches are tested for compliance with the characteristic data to ensure quality. The Switch with its actuating member and auxiliary devices has a wide application in industrial and electronic control.

EXECUTIONS : Kaycee Standard Microswitches are available in three different types of bases as shown below. The various types of Actuators are shown on the reverse page and the basic switch can be supplied with any of these Actuators to suit individual requirements. While ordering please specify the type of base and actuators required.

SPECIFICATIONS : Conforms to JSS 51204 & IEC 60947-5-1.

CIRCUITRY Type K1 is available in Single pole providing 1 NO and 1 NC contact arrangement

MATERIAL :

- a) Housing & Cover - Best quality electrical grade material with high insulating property.
- b) Contact Material - Silver
- c) Terminals - Brass
- d) Plunger - Stainless Steel
- e) Contact Bridge - Beryllium Copper properly heat treated
- f) Springs - Contact bridge acts as a leaf spring
- g) Actuators - Depends upon the type of actuator Thermo Plastic, M.S.Stainless Steel, Aluminium, Brass, Spring Steel etc.

NOTE: Concealed terminal Switches available in 5 Amp/250 V.AC Rating

ELECTRICAL DATA

HIGH VOLTAGE : 1.0 KV for Terminal to earth & 1.0 KV Terminal to Terminal

AMBIENT TEMPERATURE : 40°C to 85°C

FREQUENCY OF OPERATION : 25 opr/min

MECHANICAL LIFE : 100,000 Operations

ELECTRICAL LIFE : 100,000 Operations

CONTACT RESISTANCE : 10m Ohm (Max)

INSULATION RESISTANCE : 100M Ohm (Min)

ACTUATING FORCE : 450 gms (Max)

RELEASE FORCE : 110 gms. (Min)



Fin Type



Concealed Type



'T' Type

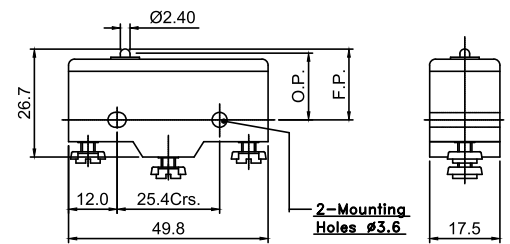


ACTUATORS

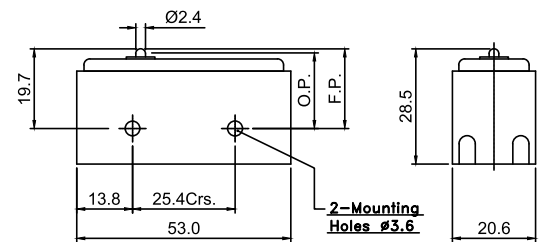
DIMENSION

<p>02</p>  <p>Short Roller Lever</p>	<p>03</p>  <p>Plain Lever (Direct Acting)</p>	<p>04</p>  <p>Plain Roller Lever (Direct Acting)</p>
<p>20</p>  <p>Compact Overtravel Plunger</p>	<p>21</p>  <p>Extended Overtravel Plunger</p>	<p>22</p>  <p>Panel Mount Plunger</p>
<p>23</p>  <p>Panel Mount Roller Plunger</p>	<p>26</p>  <p>Short Plain Lever with Roller (Reverse Acting)</p>	<p>27</p>  <p>Medium Plain Lever (Reverse Acting)</p>
<p>28</p>  <p>Medium Plain Lever with Roller (Reverse Acting)</p>	<p>31</p>  <p>Auxilliary Panel Mount Plunger</p>	<p>32</p>  <p>Protected Overtravel Plunger</p>
 <p>In Metal Encloser LH or RH</p>		

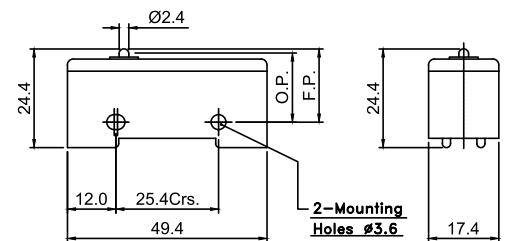
T TYPE BASE WITH SCREW TERMINAL



FIN TYPE WITH SOLDER TERMINAL



FIN TYPE WITH SCREW TERMINAL



CONCEALED TERMINALS

GENERAL TOLARANCES	
FULL FIGURE	±1
UPTO 1ST DECIMAL	±0.5
UPTO 2ND DECIMAL	±0.25

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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