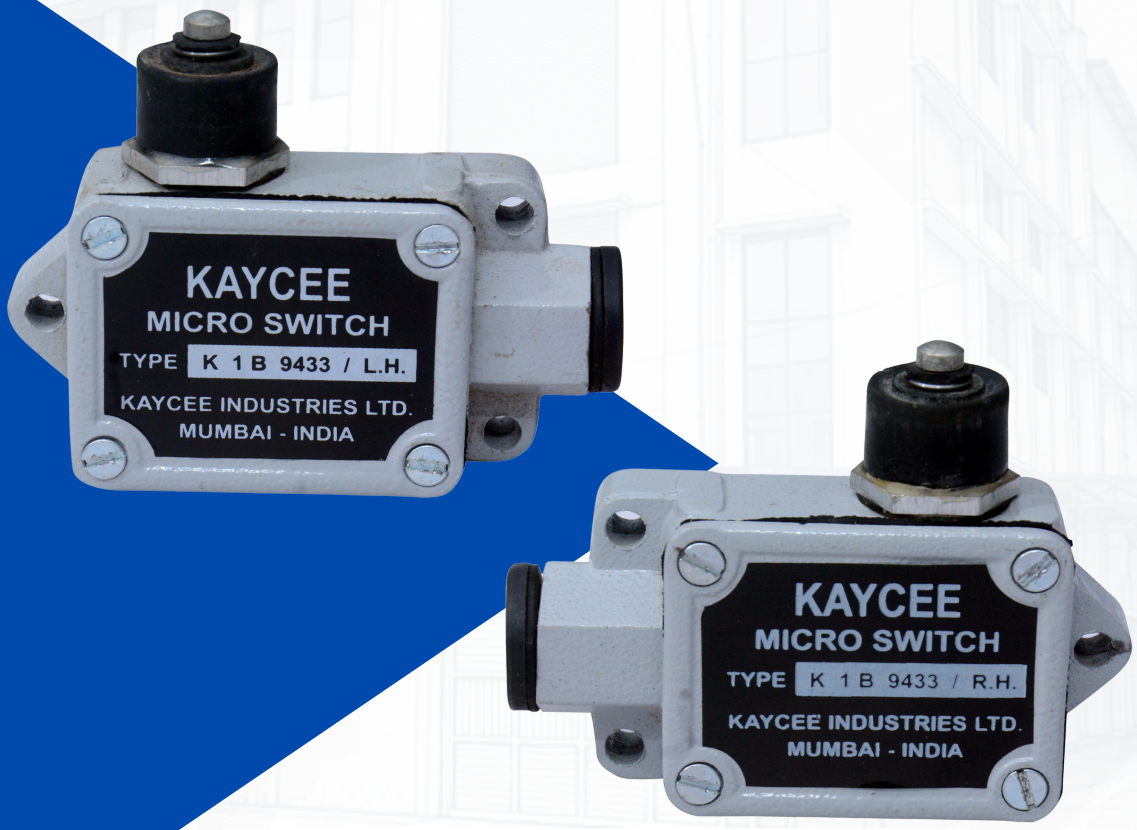
KAYCEE

BRAND THAT SETS THE STANDARD

Since 1942

MICRO SWITCHES

Compact Design. Reliable Switching.



- Quick Response
- Precise Switching
- Compact Design
- Industrial Grade
- Long Service Life

9324780418/8208712614

www.kayceeindustries.com

About Us



Established in 1942, Kaycee Industries Limited is a leading manufacturer of high-quality electrical switching & control solutions. Our diverse product portfolio includes rotary switches, cam switches, limit switches, relays, terminal blocks, auxiliary switches, & customized electromechanical solutions that serve industries across India & global markets.

Driven by engineering excellence, innovation, & uncompromising quality, we deliver reliable products for industrial automation, power, infrastructure, railways, renewable energy, and OEM applications. Backed by advanced manufacturing facilities, stringent quality standards, & a customer-centric approach, Kaycee continues to build lasting partnerships by delivering dependable solutions that meet evolving industry needs.


CERTIFICATE

dqs

Kaycee Industries Limited

ISO 9001 : 2015

Deutsch Quality Systems (India) Pvt. Ltd.

IQNET

80+ YEARS EXPERIENCE
A legacy of trust & engineering excellence since 1942

QUALITY ASSURED
ISO certified processes ensuring consistent quality and reliability.

TRUSTED BY LEADING OEMS
Preferred partner for OEMs & industrial customers.

CUSTOM ENGINEERING
Tailor-made solutions built to meet unique customer requirements.

PAN INDIA NETWORK
Strong distribution & service network across India

GLOBAL PRESENCE
Serving customers in international markets with pride.

RANGE OF MICROSWITCHES

TYPE KI

Standard Microswitches type 'K1' bear the safety and quality. mark of kaycee'. Inspite 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 & the basic switch can be supplied with any of these Actuators to suit individual requirements. While ordering please specify the type of base & actuators required.

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

CIRCUITRY : Type K1 is available in Single pole providing 1 NO & 1 NC contact arrangement.

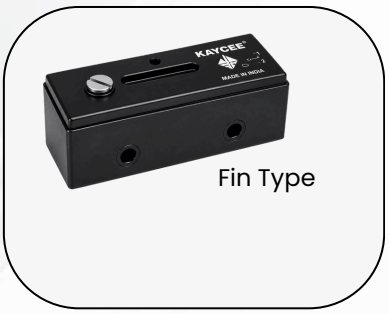
MATERIAL :

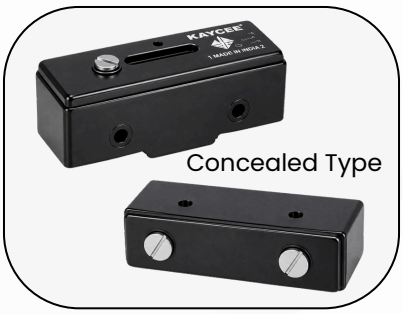
a) Housing & Cover	Best quality electrical grade material with high insulating property.
b) Contact Material	Silver
c) Terminals	Brass
d) Plunger	Stainless Steel
e) Contact Bridge	Berrylium Copper properly heat treated
f) Springs	Contact bridge acts as a leaf spring
g) Actuators	Depends upon the type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

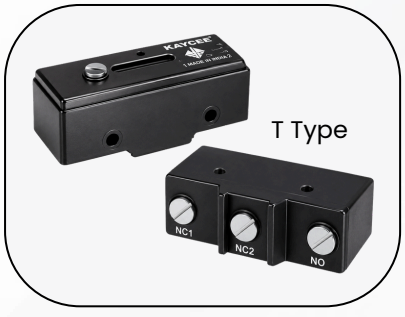
NOTE: Concealed terminal Switches available in 5 Amp/250 V.AC Rating

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)



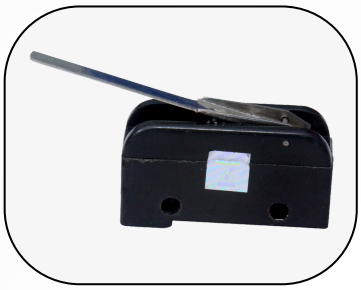




ACTUATORS



Short Roller Lever



Plain Lever (Direct Acting)

Plain Roller Lever (Direct Acting)



Compact Overtravel Plunger



Extended Overtravel Plunger



Panel Mount Plunger

Panel Mount Roller Plunger



Short Plain Lever with Roller (Reverse Acting



Medium Plain Lever (Reverse Acting)



Medium Plain Lever with Roller (Reverse Acting)

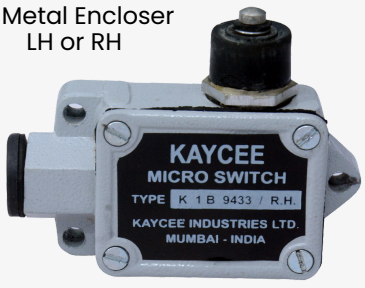


Auxiliary Panel Mount Plunger



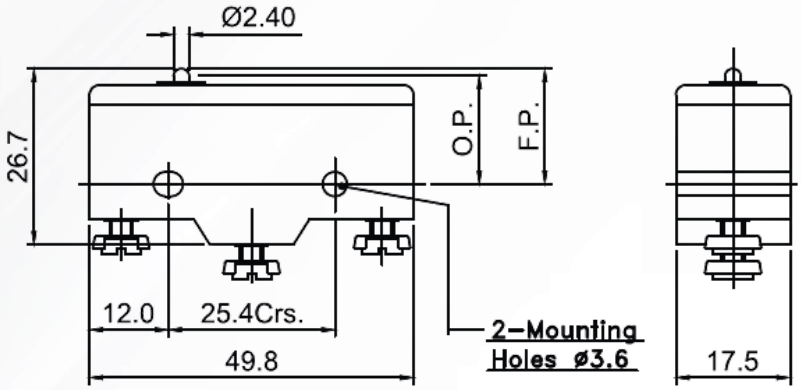
Protected Overtravel Plunger

In Metal Encloser LH or RH

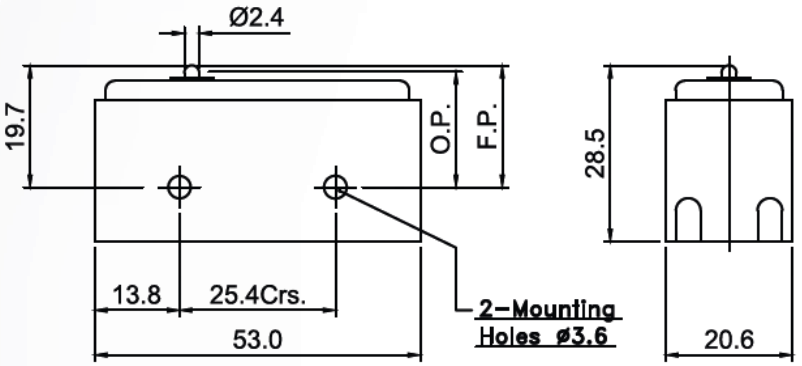


Product improvement being a continuous process at Kaycee.
The product supplied may differ from that illustrated & desonbed in the literature.

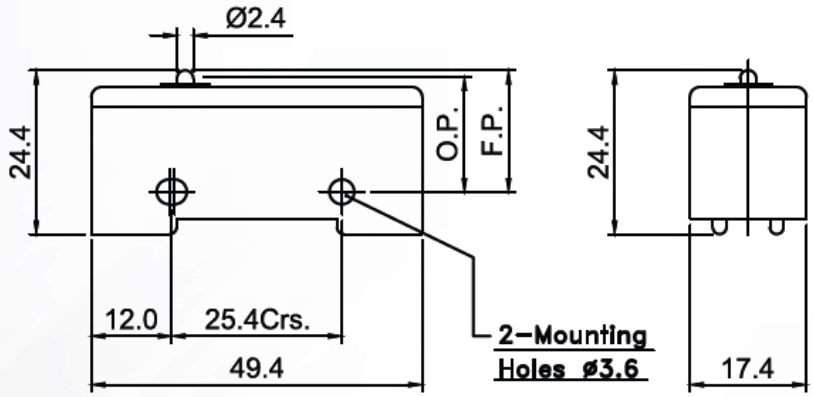
DIMENSION



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

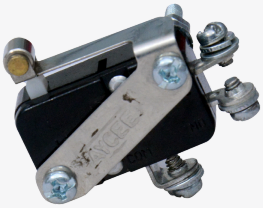
MINIATURE TYPE K3

INTEGRAL ACTUATORS

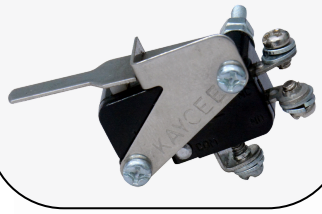
Short Plain Lever
Lever Ratio 1-1



Short Roller Lever
Lever Ratio 1:1



Medium Plain Lever
Lever Ratio 2:1



Medium Roller Lever
Lever Ratio 2:1



Extended Plain Lever



Kaycee Miniature Microswitches type K3 is an extremely versatile switch with "SNAP" action. Operated by light pressure or small movement or both. Its applications are wide used as control gear for Industrial Application Automation.

Miniature Microswitch with its actuators caters to every possible application where precision, rugged dependability and positive contact are required

EXECUTION : Kaycee Miniature Microswitches are available in two different types of terminals as shown on the reverse page.

The various types of actuators are shown below. The basic switch can be supplied with any of these terminals, having operating force as shown in the Table along side and actuators to suit individual requirements. Please specify the type of terminal, operating force, current rating and actuator required.

LONG LIFE : The switch case is made from high de-electric material-operating plunger of NYLON-contact thus ensuring long Electrical and Mechanical life.

Contact material silver

CIRCUITRY : The K3 is available in single pole providing 1 No & 1 NC Changeover contact arrangement.

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

RATING

10A/250 VAC
5A/250 VAC
2A/250 VAC
0.25A/250 VDC

ELECTRICAL DATA

High Voltage	1.0 KV for Terminal to Earth & 1.0 KV for Terminal to Terminal
Ambient Temperature	40°C to 70°C
Mechanical Life	50,000 Operations
Electrical Life	25,000 Operations
Contact Resistance	100 M Ohms (Min)
Contact Resistance	10m Ohms (Max)

Operating Force Max	Release Force Min	Rating	Colour of Plunger
400 gms 200 gms 100 gms 50 gms	125 gms 75 gms 40 gms 20 gms	10A/250 V AC 5A/250 V AC 3A/250 V AC 2A/250 V AC	White Yellow Blue Red

Plain Leaf



Roller Leaf



Hinged Lever



Hinged Lever with Roller



Finger Push Button D P



Finger Push Button



Push Button



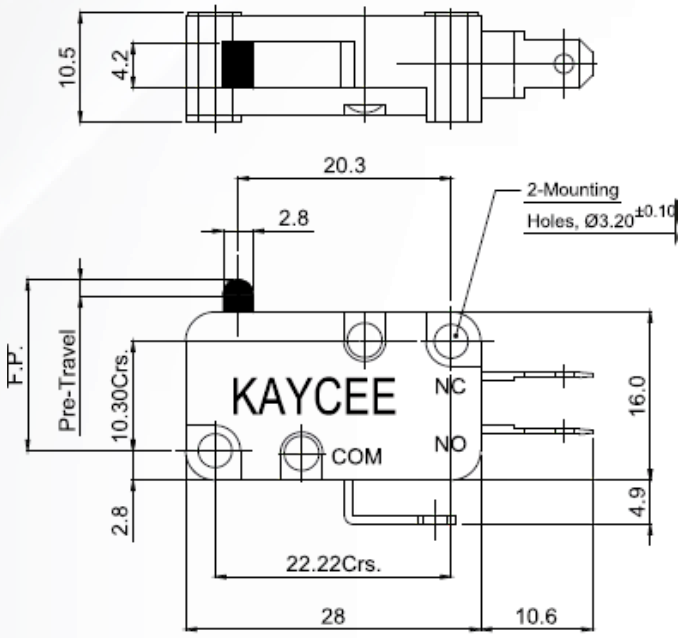
Double Pole with Push Button

Double Pole with short lever Toggle Action

DIMENSIONS OF BASIC SWITCH PUSH ON TERMINALS

SCREW TERMINALS

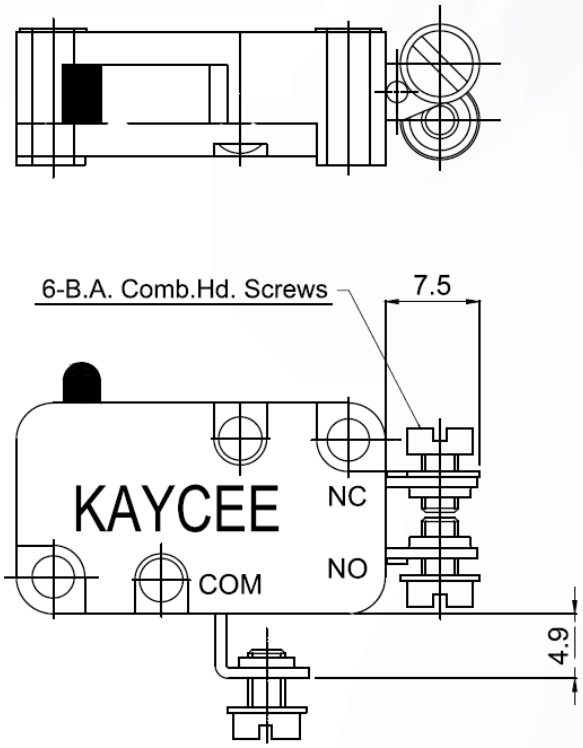
K3-A



'K3' WITH PUSH ON & SOLDER TAG TERMINALS

DRG. NO K3-D. 3192/1

K3-B



'K3' WITH SCREW TERMINALS

All Other Details Are Same As
"K3' Solder Tag Terminals

DRG. NO K3-D. 3192/1

Characteristics

1) F.P.	16.26 Max.
2) Pre-Travel	1.2 Max.
3) M.D.	2.5 Max.
4) O.T.	Plunger May Be Depressed Until Flush With Case

K6 TYPE

KAYCEE Micro switch type K 6 is a Double Break Changeover Switch incorporating butterfly snap action mechanism.
The switch is available in two basic types with and without reset. The reset type of switch maintains contacts after the operating force has been removed and continues to do so until the reset button is actuated. These switches are identical to momentary Microswitches with the exception of the reset feature.

SWITCHING FACILITIES : Single Pole 2 Circuit Changeover having 1 NO and 1 NC contact arrangement.

NOMINAL RATING : 5A/250V AC-Resistive

TEMPERATURE : 40°C to 70°C

HIGH VOLTAGE TEST : Switches withstand 2 KV AC between current carrying parts & accessible metal parts and 1 KV AC between open contacts.

TERMINALS : Choice of types of Terminal-Solder, Screw and Push on.

MATERIAL :

a) Housing & Cover	: Best quality electrical grade material with high insulating property.
b) Contact	: Silver
c) Terminals	: Brass Silver Plated
d) Plunger	: Delrin
e) Contact Bridge	: Beryllium Copper properly heat treated
f) Springs	: Stainless Steel

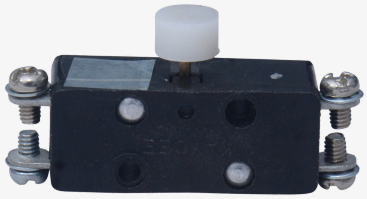
LIFE EXPECTANCY :

a) Mechanical	: 50,000 Operations
b) Electrical	: 50,000 Operations at rated resistive

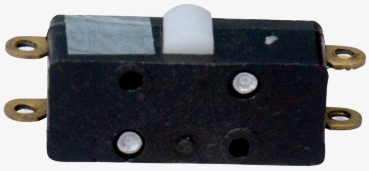
CONTACT RESISTANCE : 10m Ohm (max)

INSULATION RESISTANCE : 100M Ohm (min)

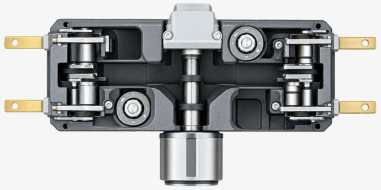
Screw Terminal



Solder Terminal

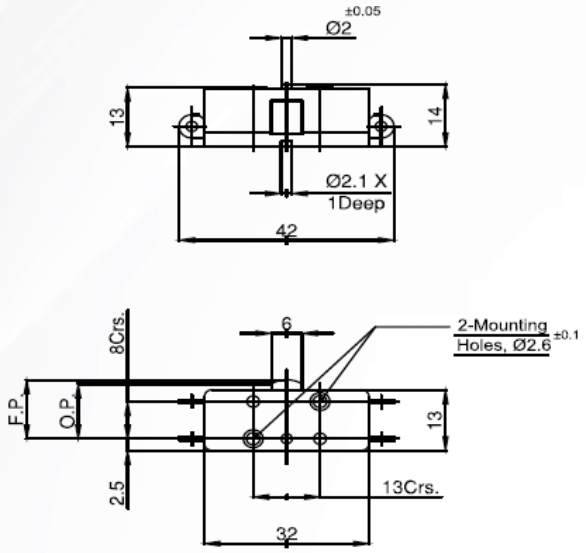


Reset



Non Reset

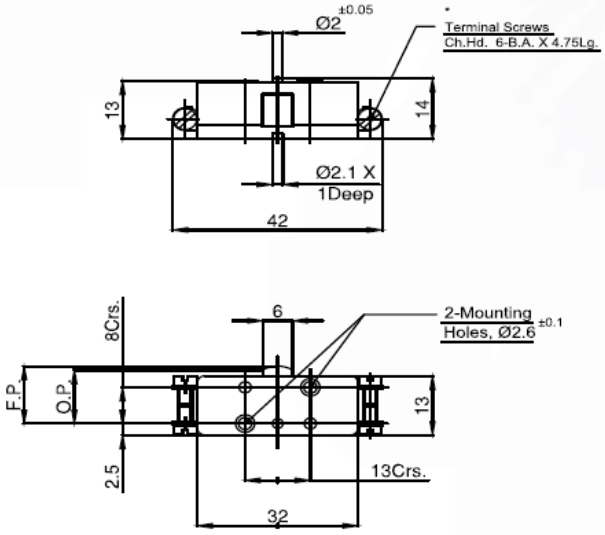
CODE K6 A 5586
DRG. NO. K6-
B.953



Characteristics

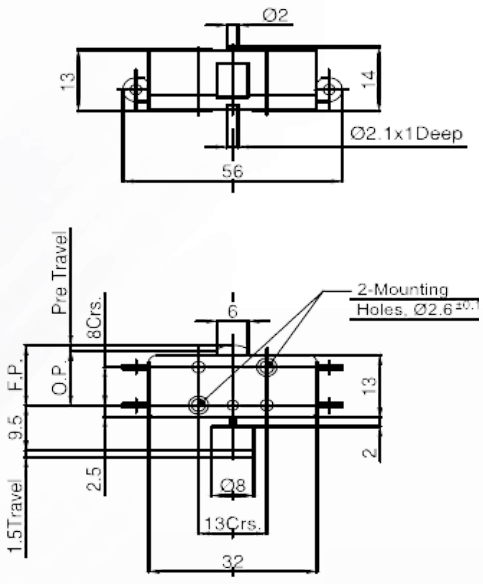
1) F.P.	13.00 Max.
2) O.P.	12.00/11.40
3) O.T..	0.9
4) A.F.	500gms. Max
5) R.F.	150gms. Min.
6) Rating	5A/250V-

CODE K6 A 5686
DRG. NO. K6-
B.945



Characteristics

1) F.P.	13.00 Max.
2) O.P.	12.00/11.40
3) O.T..	0.9
4) A.F.	500gms. Max
5) R.F.	150gms. Min.
6) Rating	5A/250V-



DRG. NO. K6-B.956.

Characteristics

1) F.P.	14.00 Max.
2) O.P.	12.20
3) O.T..	0.9
4) A.F.	500gms. Max
5) R.F.	150gms. Min.
6) Rating	5A/250V-

KAYCEE



COMPLETE SWITCHING SOLUTIONS

For Industrial, Infrastructure & Residential Needs

CONTACT US

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Thane , Maharashtra, India