

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



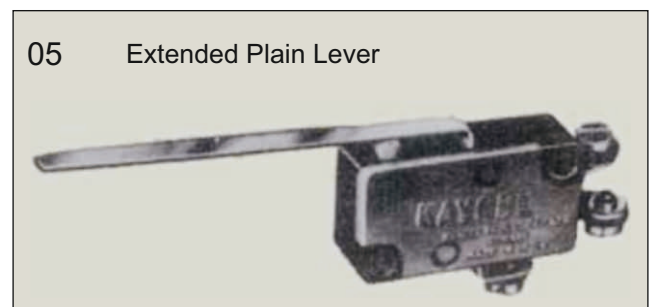
**KAYCEE**  
Brand that set the standards

MINIATURE  
**MICROSWITCHES**  
TYPE K3



# MINIATURE TYPE K3

## INTEGRAL ACTUATORS



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.

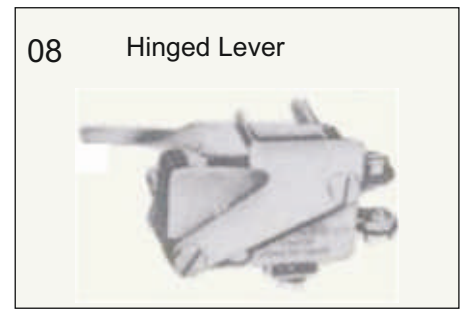
LONG LIFE : The switch case is made from high de-electric material-operating plunger of NYLON-contact thus ensuring long Electrical and Mechanical life.

Contact material silver

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

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

## AUXILIARY ACTUATORS



### RATING

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

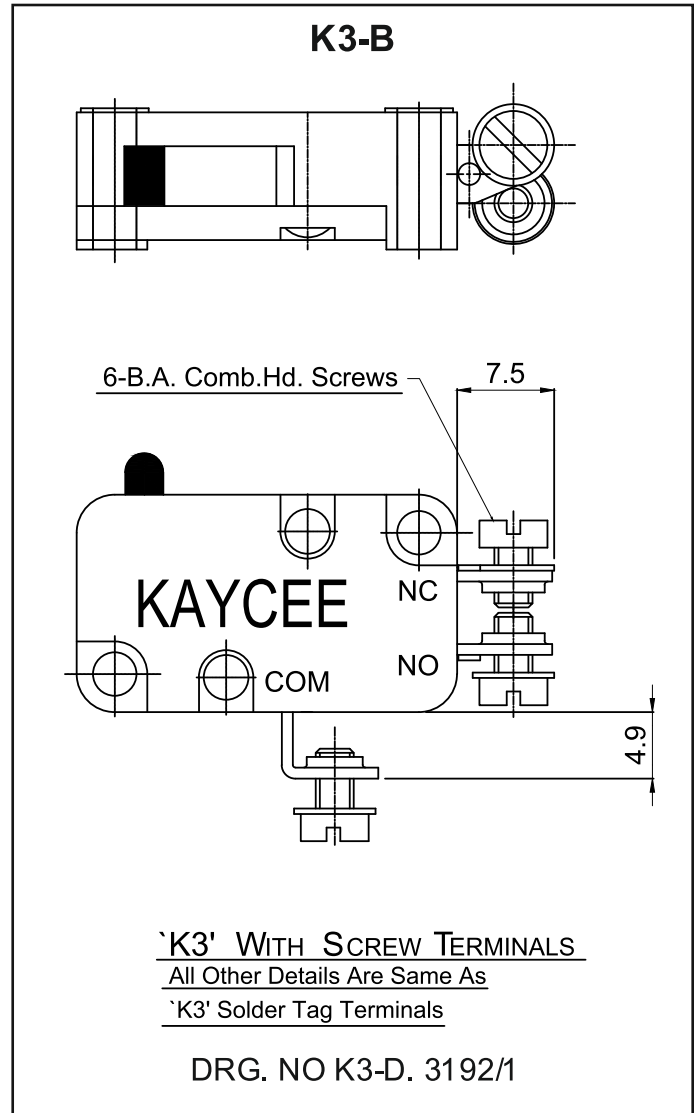
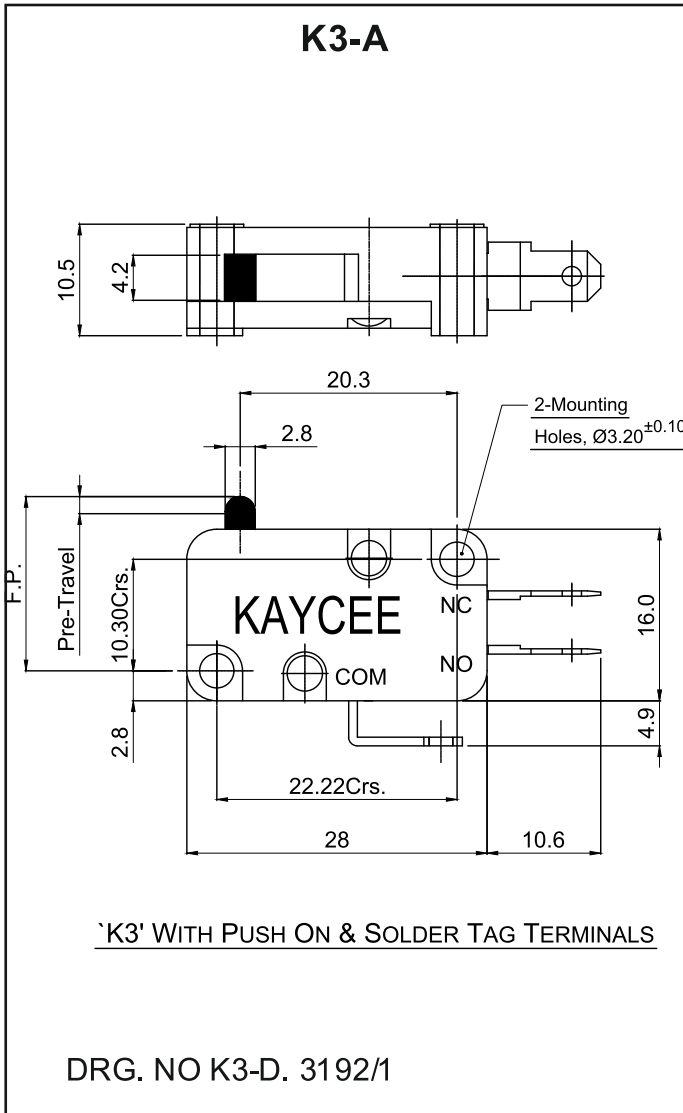
### ELECTRICAL DATA

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 : 10m Ohms (Max)  
 INSULATION RESISTANCE : 100 M Ohms (Min)

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

**DIMENSIONS OF  
BASIC SWITCH  
PUSH ON TERMINALS**

**SCREW TERMINALS**



Characteristics

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



Manufactured by :  
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