



# Sensata Technologies

## 20TC SERIES



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## | 20TC SERIES

Single-Phase, Switchable On/Off, Rocker-Type Actuator

### Introduction

Klixon® 20TC series circuit breakers offer the advantages of integrating an on/off switch and a circuit protector in a trim, compact package.

The snap-on actuators are available on request in a variety of colors, styles and indication markings designed to provide a stylish console appearance to the panels of light aircraft.



Several different types of actuators are available. The translucent actuator permits quick identification of the actuator position under low ambient lighting conditions by emitting a soft glow from a light source, such as an edge-lighted panel. Colored actuators will be hot letter stamped in white. White and translucent actuators will be stamped in black.

### Features

- Versatile rocker actuator: snap-on, switch type
- Various styles and colors (black, white, colored, translucent)
- Panel mounting
- Provides dual function (on/off) circuit switching and protection
- Current ratings (3 to 35 amps)

### PERFORMANCE CHARACTERISTICS

<b>Vibrations</b>	10G	
<b>Mechanical Shock</b>	50G	
<b>Acceleration</b>	10G	
<b>Weight</b>	39 grams	
<b>Interrupt Current</b>	2,000 amps at 30 VDC 1,000 amps at 120 VAC, 400 Hz	
<b>Endurance</b>	5,000 cycles: 120 VAC, 400 Hz inductive 5,000 cycles: 120 VAC, 400 Hz resistive 2,500 cycles: 28 VDC, 400 Hz inductive	2,500 cycles: 28 VDC, 400 Hz resistive 10,000 cycles: Mechanical, no load

### CALIBRATION CHART

For a Standard Device

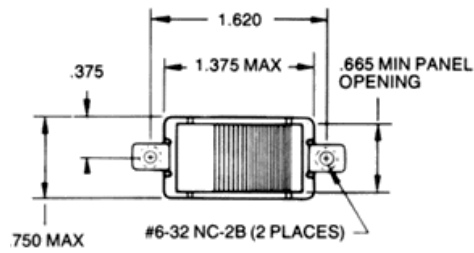
Temp.	Minimum Ultimate Trip	Maximum Ultimate Trip	Trip Time (in seconds)
			200%
25°C	110%	150%	10–130
<i>The most typical device is 3–35 amps. For others, please contact us.</i>			



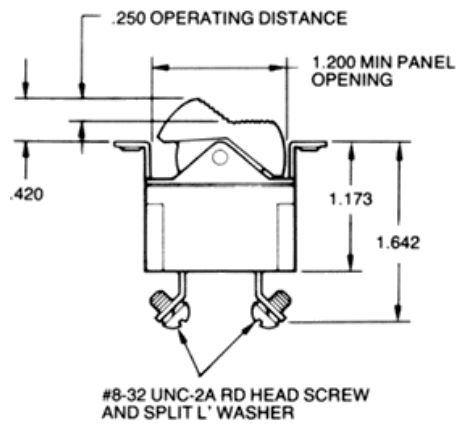
## DIMENSIONS

Dimensions in mm [Inch]

### Top View



### Side View





X	Options
1	Push On / Landing Light
2	Push On / Nav Light
3	Push On / Anti-Coll
4	Push On / Pitot Heat
5	Push On / Boost Pump
6	Push On / Glide Slope
7	Push On / Marker Beacon
8	Push On / Strobe Light
9	Off
10	Off
11	"SR to Invert Marking"
13	Push On / Rotating Beacon
16	Push On / Elevator Trim
18	Push On / Radio Master
19	Push On / LDG Light
20	On / Off
21	Off
22	"Colored Box"
23	Off
25	On / Off
26	Off /On
27	Push On / Low Boost
28	Push On / High Boost
29	Push On / WX Radar
30	Push On / Prop De-Ice
33	Push On / Standby Vac
34	No Actuator
35	On / Off

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