

Model Number
685A39

LINEAR ADJUST MECHANICAL VIBRATION SWITCH

Revision: A
ECN #: 51040

Performance

Measurement Range
Frequency Range
Relay
Relay(Contacts)(DPDT)

ENGLISH

7 g pk
0 to 6,000 cpm
3A Form C 480 VAC
Normally Open / Closed

SI

68.7 m/s² pk
0 to 100 Hz
3A Form C 480 VAC
Normally Open / Closed

Control Interface

Reset Function

Momentary Pushbutton
Switch
240 VAC

Momentary Pushbutton
Switch
240 VAC

Remote Reset

Environmental

Temperature Range(Operating)
Enclosure Rating

-40 to 140 °F
IP66

-40 to 60 °C
IP66

Physical

Size (Width x Height x Depth)

4.35 in x 3.30 in x 4.35 in 110.5 mm x 83.8 mm x 110.5 mm

Weight

2.75 lb

1,251 gm

Sensing Element

Magnet

Magnet

Housing Material

Aluminum Alloy

Aluminum Alloy

Electrical Connector

Screw Terminals

Screw Terminals

Screw Terminal Wire Size

24-14 AWG

0.2 - 2.5 mm²

Cable Input

3/4-14 NPT

3/4-14 NPT

Mounting Hole Size

0.25 in

6.4 mm

Sensing Geometry

Inertial Element

Inertial Element

OPTIONAL VERSIONS

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

NOTES:

Entered: LK	Engineer: NJF	Sales: MC	Approved: NJF	Spec Number:
Date: 08/17/2020	Date: 08/17/2020	Date: 08/17/2020	Date: 08/17/2020	60553



Phone: 800-959-4464
Fax: 716-684-3823
E-Mail: imi@pcb.com

All specifications are at room temperature unless otherwise specified.
In the interest of constant product improvement, we reserve the right to change specifications without notice.