Model Number 685A 19	LINEAR ADJUST MECHANICAL VIBRATION SWITCH		
Performance	ENGLISH	SI	OPTION
Measurement Range	7 g pk	68.7 m/s² pk	Optional versions have identical specifications
Frequency Range	0 to 6,000 cpm	0 to 100 Hz	where noted below. Mo
Relay	3A Form C 480 VAC	3A Form C 480 VAC	
Relay(Contacts)(DPDT)	Normally Open / Closed	Normally Open / Closed	
Control Interface	, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,	
Reset Function	Momentary Pushbutton	Momentary Pushbutton	
	Switch	Switch	
Remote Reset	+/- 24 VDC	+/- 24 VDC	
Environmental			
Temperature Range(Operating)	-40 to 140 °F	-40 to 60 ℃	
Enclosure Rating	IP66	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	2.8 lb	1,271 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 mm <sup>2</sup>	
Cable Input	3/4-14 NPT	3/4-14 NPT	

0.25 in

Inertial Element

6.4 mm

Inertial Element

Mounting Hole Size

Sensing Geometry

## OPTIONAL VERSIONS

Revision: A

ECN #: 51040

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
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 60551



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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.