Model Number 685A09	MECHANICAL VIBRATION SWITCH						Revision: D ECN #: 51040
Performance	ENGLISH	SI			OPTIONAL VER	SIONS	
Measurement Range	7 g pk	68.7 m/s² pk	Optional versions h	nave identical spec	ifications and acces	sories as listed for the	e standard model excep d.
Frequency Range	0 to 6,000 cpm	0 to 100 Hz		where noted b	pelow. More than or	ne option may be used	d.
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 Switch	Momentary Pushbutton Switch					
Environmental							
Temperature Range(Operating) Enclosure Rating	-40 to 140 °F IP66	-40 to 60 °C IP66					
Physical Size (Width x Height x Depth)	4.25 : 2.20 : 4.25 :-	110 5 02 0 110 5					
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	2.5 lb	1,132 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					
Mounting Hole Size	0.25 in	6.4 mm					
Sensing Geometry	Inertial Element	Inertial Element					
			NOTES:				
			Entered: LK	Engineer: NJF	Sales: MC	Approved: NJF	Spec Number:

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.



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