

Model Number 685A09		MECHANICAL VIBRATION SWITCH		Revision: C ECN #: 43636	
Performance		ENGLISH		SI	
Measurement Range		7 g pk		68.7 m/s² pk	
Frequency Range		0 to 6000 cpm		0 to 100 Hz	
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)		-13 to 140 °F		-25 to 60 °C	
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		2.5 lb		1132 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	
<i>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.</i>					
Entered: AP Engineer: LAB Sales: HJB Approved: NJF Spec Number: Date: 12/17/2014 Date: 12/17/2014 Date: 12/17/2014 Date: 12/17/2014 50857  IMI SENSORS A PCB PIEZOTRONICS DIV. 3425 Walden Avenue, Depew, NY 14043 Phone: 800-959-4464 Fax: 716-684-3823 E-Mail: imi@pcb.com					