

Vibration Switches and Monitors Selection Guide

MODEL	VIB RANGE	FREQ RANGE (Hz)	TEMP RANGE DEG F	SUPPLY					RESET COIL VOLTAGE					OUTPUT			TIME DELAY	ENCLOSURE (See Note 1)		I.S.	MTG	
				LOOP POWERED	24 VDC	48 VDC	120 VAC	240 VAC	120 VAC	240 VAC	120 VDC	24 VDC	48 VDC	SWITCH CONTACTS		4-20 mA		EXPROOF	NEMA 4			
														SPDT	DPDT							
365-A2 or -D2	0-4.5 G	0-300	-40 to 140										X			365-A2	365-D2		(Note 1 & 2)		Surface	
365-A3 or -D3	0-4.5 G	0-300	-40 to 140							X						365-A3	365-D3		(Note 1)		Surface	
365-A4 or -D4	0-4.5 G	0-300	-40 to 140											X		365-A4	365-D4		(Note 1 & 2)		Surface	
365-A7 or -D7	0-4.5 G	0-300	-40 to 140								X					365-A7	365-D7		(Note 1 & 2)		Surface	
365-A8 or -D8	0-4.5 G	0-300	-40 to 140						X							365-A8	365-D8		(Note 1 & 2)		Surface	
365-G Series	0-4.5 G	0-300	-40 to 140							(See Note 13)						365-G		(Note 1, 2 & 13)			Surface	
366-A2 or -D2	0-4.5 G	0-300	-40 to 200									X				366-A2	366-D2			(Note 1)	Surface	
366-A3 or -D3	0-4.5 G	0-300	-40 to 200							X						366-A3	366-D3			(Note 1)	Surface	
366-A4 or -D4	0-4.5 G	0-300	-40 to 200											X		366-A4	366-D4			(Note 1)	Surface	
366-A7 or -D7	0-4.5 G	0-300	-40 to 200								X					366-A7	366-D7			(Note 1)	Surface	
366-A8 or -D8	0-4.5 G	0-300	-40 to 200						X							366-A8	366-D8			(Note 1)	Surface	
366-G Series	0-4.5 G	0-300	-40 to 200							(See Note 14)						366-G			(Note 1)		Surface	
EURO366 Ser.	0-4.5 G	0-300	-22 to 185							(See Note 15)								(Note 15)	IP65			Surface
368R	0-4.5 G	0-300	-40 to 200	PNEUMATIC SUPPLY				PNEUMATIC 15-50 PSI					PNEUMATIC OUTPUT					(Note 1)	X	Surface		
375A-A1-X0	0-4.5 G	0-300	-20 to 140	(See Note 3)						X						X			Fixed	(Note 1 & 4)		Surface
375A-AX-XX	0-4.5 G	0-300	-20 to 140	(See Note 5)						X						Solid State TRIAC		Fixed	(Note 1 & 4)		Surface	
376A-A1-X0	0-4.5 G	0-300	-20 to 140	(See Note 3)						X						X			Fixed		(Note 1)	Surface
376A-AX-XX	0-4.5 G	0-300	-20 to 140	(See Note 5)						X						Solid State TRIAC		Fixed		(Note 1)	Surface	
563A (Note 6)	0-4.5 G	0-300	-40 to 160		Opt	Opt	X	Opt											Adj.	Optional	(Note 7)	Surface
566-A1	(Note 8)	8-1k	-40 to 176				X									2 Solid State TRIACS		X	Adj.	(Note 10)	X	Surface
566-B1 (Note 9)	(Note 8)	8-1k	-40 to 176					X								2 Solid State TRIACS		X	Adj.	(Note 10 & 11)	X	Surface
566-A2	(Note 8)	8-1k	-40 to 176				X									2 Solid State TRIACS		X	Adj.	(Note 10)	X	Surface
566-B2 (Note 9)	(Note 8)	8-1k	-40 to 176					X								2 Solid State TRIACS		X	Adj.	(Note 10 & 11)	X	Surface
570B-A	0-5 G	2-2k	-40 to 185	10-30 VDC															X		4X/IP68	Stud
570B-B	0-10 G	2-2k	-40 to 185	10-30 VDC															X		4X/IP68	Stud
570B-C	0-20 G	2-2k	-40 to 185	10-30 VDC															X		4X/IP68	Stud
570B-D	0-0.5 IPS	2-2k	-40 to 185	10-30 VDC															X		4X/IP68	Stud
570B-E	0-1 IPS	2-2k	-40 to 185	10-30 VDC															X		4X/IP68	Stud
570B-F	0-2 IPS	2-2k	-40 to 185	10-30 VDC															X		4X/IP68	Stud
571A SERIES	(Note 12)	2-2k	-40 to 185	14-30 VDC															X		4X/IP68	X Stud

NOTES:

- Epoxy painted (base only for 366/376A) and/or heater options (365/366 only) available, add -E, -H or -EH to Model Number – see Product Specification Sheet or Consult Factory. Models 366 have a NEMA 4 & 12 enclosure [most models are CSA Certified – see Product Specification Sheet].
- CSA Certified/FM Approved for Class I, Division 1, Groups C & D; Class II, Division 1, Groups E, F, G (except Models 365-A7 & -D7 are CSA only).
- X in Model Number denotes options for selecting fixed Start Delay times – see Product Specification Sheet.
- FM Approved for Class I, Division 1, Groups C & D; Class II, Division 1, Groups E, F & G hazardous locations.
- 1st X in Model Number denotes Type of Time Delay (Monitor, or Start & Monitor); last XX denotes delay time desired.
- Monitor to be used with Model 365/366 Vibraswitches; provides adjustable Start (0-999 seconds) and Monitor (0-99 seconds) Time Delay.
- NEMA 4 standard. Optional NEMA 4X (Grey Epoxy Painted Steel) or NEMA 4X (Stainless Steel); External Reset Pushbutton(s) and Alarm Indicators – see Product Specification Sheet.
- Selectable: Velocity 0-1.5 in/sec RMS or 0-3 in/sec RMS; Acceleration 0-5 G's RMS or 0-10 G's RMS.
- Remote Mount Transducer (up to 1000 feet) using ungrounded twisted pair wires.
- FM Approved/CSA Certified Explosion Proof for Class I, Division 1, Groups C & D; Class II, Division 1, Groups E, F & G. CSA Certified for Enclosure 4 (watertight) – equivalent to NEMA 4.
- Remote Transducer Housing FM Approved for Class I, Division 1, Groups B, C & D; Class II, Division 1, Groups E, F & G; NEMA 4. CSA Certified for Class I, Division 1, Groups C & D; Enclosure 4.
- 571A Series is an Intrinsically Safe version of the 570B-A, -B, -C -D, -E & -F. CSA Certified for the USA and Canada for Class I, Division 1 and 2, Groups A, B, C & D. 571A Series is also ATEX Certified for EEx ia IIC T3 and CE Certified for Europe.
- 365-G Series is same as 365-D Series except contacts are gold for low current applications. 365-G not FM Approved or CSA Certified.
- 366-G Series is same as 366-D Series except contacts are gold for low current applications. 366-G not CSA Certified.
- EURO366 Series is explosion proof & weather proof version of 366. ATEX Certified for EEx-d-IIA/B/C-T6 IP65 T85° C for use in Europe – See Product Specifications Sheet.