

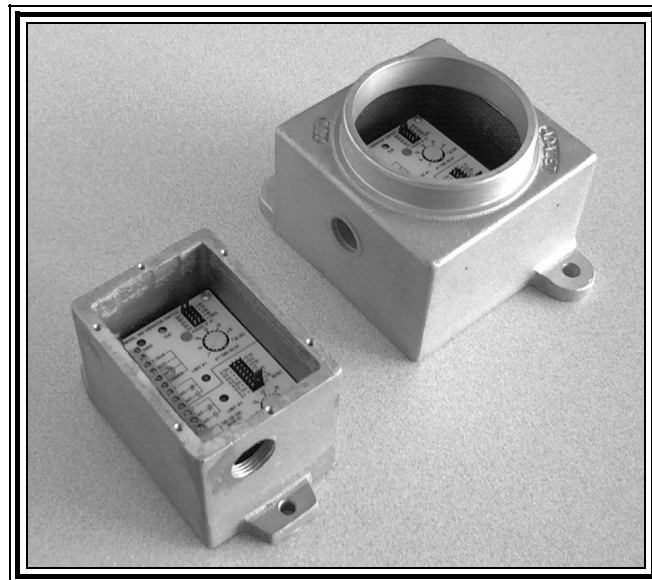
Model 550-CSA, 550-X-CSA Vibration Switch

Features:

CSA 'C' & 'US' Certified
Monitors Vibration Velocity in/sec (user adjustable)
Automatic Alarm and/or Shutdown Limits
Adjustable Time Delays (prevents nuisance trips)
LED Limit and Power indicators
Test button verifies operation
Explosion Proof 550-X-CSA

Applications

Fans, Cooling Towers
Motors, Pumps
Blowers, Compressors
Crushers, Shredders, Hammer Mills
Rotating Machinery Monitoring



Specifications:

LIMITS: Limit #1 (alarm) 10 - 100% of Limit #2
Limit #2 (shutdown) setting range of
0.1 to 2.75 in/sec peak

VELOCITY
RANGE: 0.1 to 2.75 in/sec peak

FREQUENCY
RANGE: 2 to 1000 Hz (120 to 60,000 RPM)

TIME DELAY: 1 to 30 sec (user adjustable)

POWER: 100-130V, 60 Hz, 0.02VA (L1&L2)

LIMIT OUTPUT: (2) Form-C Relay SPDT - 12A @ 125 VAC;
7A @ 250 VAC, 7A, 30VDC

ANALOG
OUTPUT: 4 - 20 mA DC

REMOTE
RESET: Circuit closure between latch and common
terminals will reset limits. An open circuit
maintains (latches) the limit relays. Short
latch and common terminals for non-
latching operation (jumper supplied).

MUTE: Circuit closure between MUTE and
COMMON disables limits.

ACCURACY: 5% of setting

AXIS SENSITIVITY: Perpendicular to base
Omni-directional mounting

INPUT POWER: 100 - 130 VAC, 0.02 VA
190 - 250 VAC 50/60 Hz optional

ENCLOSURE: 550-CSA = Water and dust tight,
cast aluminum NEMA 3, 4, 12
550-X-CSA = Explosion-proof box

WEIGHT: 550-CSA: 3.75 lbs (1.7 kg)
550-X-CSA: 5.5 lbs (2.5 kg)

MOUNTING: 550-CSA: 1/4" hardware 3
mounting bosses
550-X-CSA: 1/4" hardware 2
mounting bosses

TERMINALS: Accepts #12 AWG wire

TEMPERATURE: -30°F to 165°F (-34°C to 74°C)

SIZE: 550-CSA
5.94" x 3.44" x 4"
(15.09 x 8.74 x 10.16 cm)

550-X-CSA
6.75" x 4.81" x 4.5"
(17.15 x 12.22 x 11.43 cm)