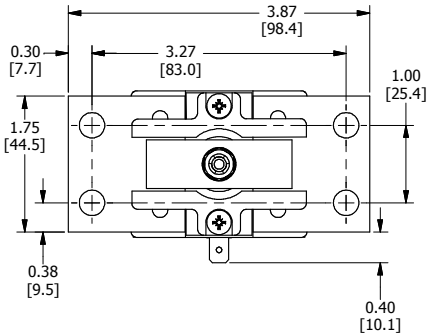
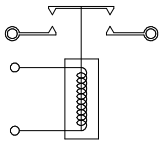
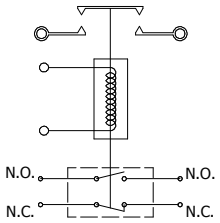
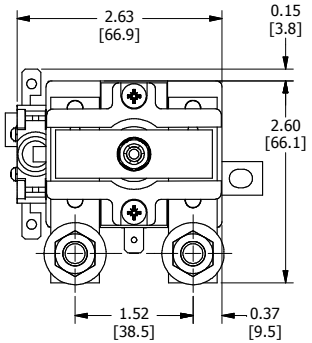


SINGLE POLE SINGLE THROW
NORMALLY OPEN



SINGLE POLE SINGLE THROW
NORMALLY OPEN





HB1 SERIES

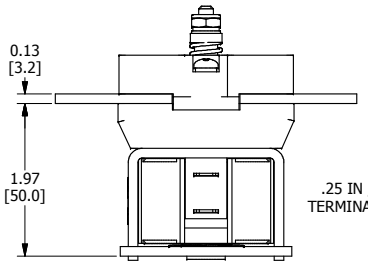
CONTACT CONFIGURATION: SPST, N.O.

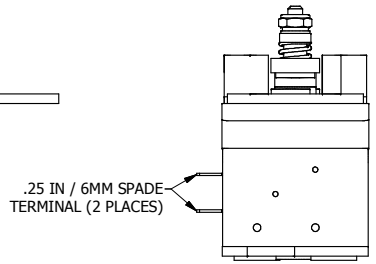
MAIN CONTACT DATA
- I THERMAL, Ith: 200 AMPS
- RESISTIVE LOAD: 200 AMPS @ 0 - 60 VDC
- OVERLOAD: 300 AMPS @ 60 VDC
- INDUCTIVE LOAD: 150 AMPS @ 0 - 48 VDC
- ARC RUPTURE: 2000 AMPS
- CONTACT VOLTAGE DROP: <40 mV TYPICAL
- MATERIAL: AgSnO2

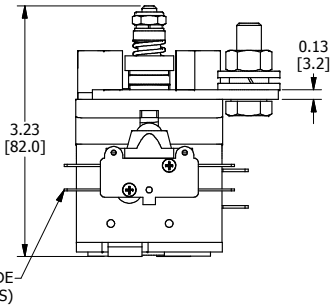
COIL DATA
- COIL VOLTAGES: 12 - 340 VDC
- COIL TYPES:
  - CONTINUOUS DUTY
  - INTERMITTENT DUTY

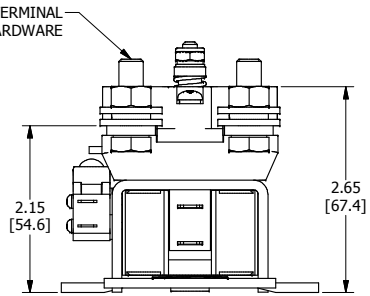
OPTIONS
- AUXILIARY CONTACTS
  - 10 AMPS, 250VAC
  - FORM C SPDT
- COIL SUPPRESSION
- T - COIL TERMINALS
- FLYING LEADS
- ACV COIL W/ RECTIFIER
- CUSTOMER SPECIFIC BUS BAR DESIGNS
- PLATED BUSBARS

TEMPERATURE: -20°C TO +50°C
MECHANICAL LIFE: >3 X 10^6
IP CODE: IP31 PER IEC 60529
APPROXIMATE WEIGHT: 0.62 kg [1.37 lbs]
RoHS COMPLIANT
MATERIAL HANDLING UL FILE: Au2277
TELECOM UL FILE: E161810









COIL TERMINAL OPTIONS:
1. TWO .25 IN / 6MM TERMINALS.
2. T TERMINAL WHICH HAS .25 IN / 6MM ON TOP AND .187 IN / 4.7 MM BOTTOM TERMINALS.
3. FLYING LEADS.

CHANGE RECORD		UNLESS OTHERWISE SPECIFIED:	Unless this drawing is being viewed from the file server of Ametek/Prestolite Power and Switch, it is an UNCONTROLLED DOCUMENT. DESTROY ALL COPIES AFTER INITIAL USE!
E.C. No.	DATE	DIMENSIONS ARE IN INCHES [MILLIMETERS]. TOLERANCES BELOW APPLY EXCEPT FOR VENDOR DESIGNED PARTS AND ITEMS PRODUCED TO RECOGNIZED STANDARDS.	FINISH CODE PER
		PLOT DATE: 08-03-2010 / FILE NAME: HB1 SERIES	ACTIVITY / REPLACED BY / REPLACES
		FRACT. INCH ± / ANGLES ± 0.5°	TITLE: CONTACTOR, SPST, N.O.
		DECIMAL-INCH: .0 ± .06, .00 ± .01, .000 ± .005 / METRIC: 0. ± 1.5, 0.0 ± 0.3, 0.00 ± 0.13	DESCRIPTIVE DATA
		DO NOT SCALE DRAWING	DESIGNED / DRAWN / DATE: 08-03-2010 / SCALE / CHECKED / APPROVED / RECORDS / SHEET: 1 of 4

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AMETEK PRESTOLITE SWITCH
TROY, OHIO 45373, U.S.A.

SIZE

DWG. NO. HB1 SERIES