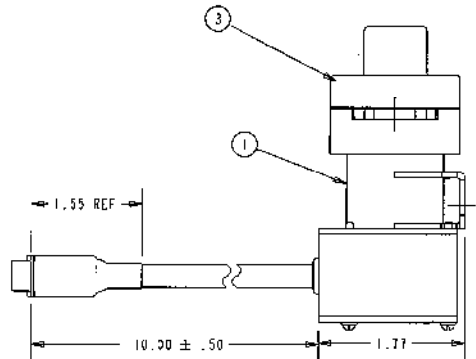
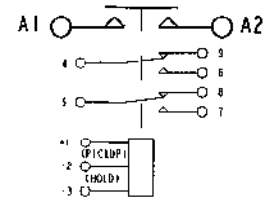
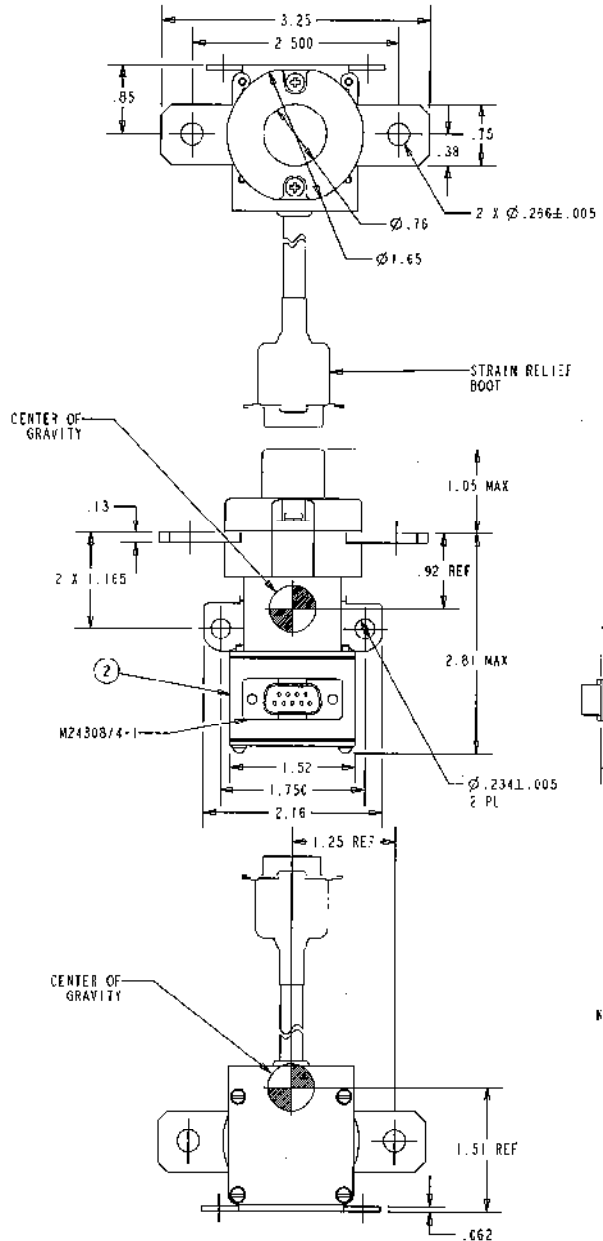


K4001A3B01 REV. A

REVISIONS		RE. RELEASED	
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	12/07/05	RSS



- NOTES:
 1. AUXILIARY CONTACTS ARE GOLD PLATED.
 2. LOW LEVEL RATING NOT APPLICABLE AFTER APPLICATION OF CURRENT GREATER THAN 125 mA.
 3. PICKUP MUST BE LIMITED TO 100 ms MINIMUM TO 150 ms MAXIMUM ACROSS PINS 1 AND 2.

CONSTRUCTION
 MAIN CONTACTS
 CONFIGURATION SPST N.O. (DOUBLE BREAK)
 VOLTAGE 28 VDC
 CURRENT 400 AMPS
 RESISTIVE 1775 AMPS FOR 0 TO 5 SEC.
 RUPTURE 1500 AMPS FOR 5 TO 10 SEC.
 MOTOR 1200 AMPS FOR 10 TO 15 SEC.
 1000 AMPS FOR 15 TO 20 SEC.
 750 AMPS FOR 20 TO 25 SEC.
 500 AMPS FOR 25 TO 30 SEC.
 500 AMPS FOR 30 TO 90 SEC.

AUXILIARY CONTACTS
 CONFIGURATION 2PDT
 VOLTAGE 28 VDC
 CURRENT 1 AMP
 RESISTIVE

COIL DATA
 DUTY CYCLE CONTINUOUS (NON-ECONOMIZED)
 MAX OPERATE VOLTAGE 32 VDC
 NON OPERATE VOLTAGE 28 VDC
 MAX PICKUP VOLTAGE 18 VDC MAX
 DROPOUT VOLTAGE 9 VDC MAX
 COIL CURRENT 9 AMP MAX AT 28 VDC
 INRUSH 400 mA MAX AT 28 VDC
 HOLD 45 ms AT 18 VDC AND 85°C
 OPERATE TIME 25 ms AT 32 VDC
 DROPOUT TIME

ENVIRONMENTAL DATA
 TEMPERATURE -55°C TO 85°C
 ALTITUDE 50,000 FEET

LIFE ELECTRICAL 50,000 CYCLES MIN.
LIFE MECHANICAL 100,000 CYCLES MIN.
WEIGHT MAX .75 LBS

3	1	47419-120	PRIMARY ASSEMBLY				2-1616975-5
2	1	44900-019	SCHEMATIC DIAGRAM				4-1616975-3
1	1	44899-034	NAME PLATE				4-1616975-2
TEMP	DVT	PART OF IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	DRIVING OR SPECIFICATION	PCW	TE	MATERIAL OR NOTE
NO	AERO				NO	PART NO	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			DR BY		TE		
2 PL DEC. (3 PL DEC.) ANGLES			RSS 09/04/13		DATE		
± .03 ± .015 ± .2°			CWN BY		DATE		
			RSS 12/07/05		DATE		
			ENGR		DATE		
			RSS 09/04/13		DATE		
			MFG		DATE		
			DA 12/07/05		DATE		
			SIZE		CODE IDENT		
			B		72063		
			SCALE		NONE		
			SHEET		1 OF 1		
				28 May 1969 170 B. DIAMOND STREET WINDFIELD, OHIO 44093			
				CONTACTOR - SPST N.O. DB 400 AMP, 28 VDC			
				DWG NO. K4001A3B01			
				REF FE PN 2-1616975-4			