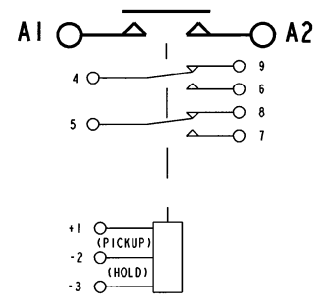
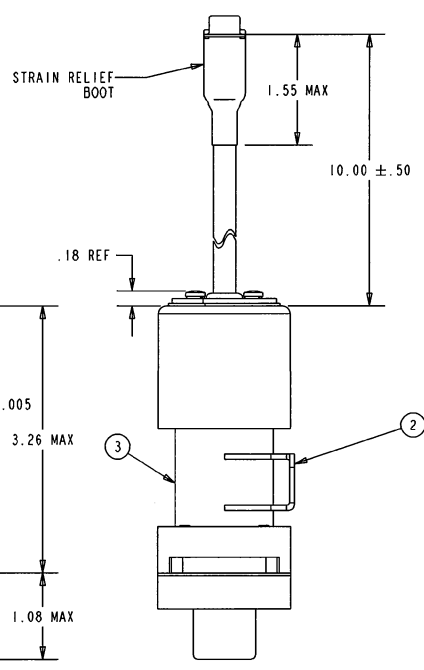
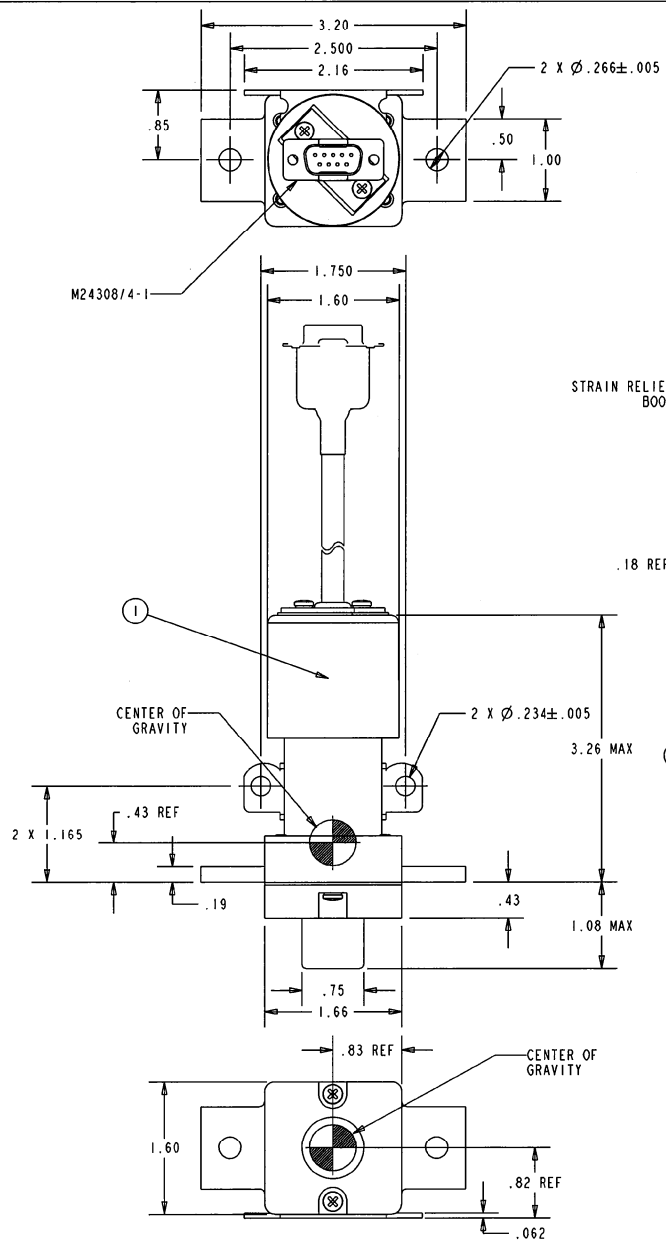


K500A3B01 REV. A

REVISIONS		RELEASED	
REV.	DESCRIPTION	DATE	APPROVED
A	RELEASE TO PRODUCTION	11-10-28	CB



CONSTRUCTION
 MAIN CONTACTS
 CONFIGURATION SPST N.O. (DOUBLE BREAK)
 VOLTAGE 28 VDC
 CURRENT RESISTIVE 500 AMPS
 INRUSH 5000 AMPS

AUXILIARY CONTACTS
 CONFIGURATION 3 SPDT
 VOLTAGE 28 VDC
 CURRENT RESISTIVE 1 AMP

COIL DATA
 DUTY CYCLE CONTINUOUS (NON-ECONOMIZED)
 NOM. OPERATE VOLTAGE 28 VDC
 MAX. PICKUP VOLTAGE 18 VDC
 DROPOUT VOLTAGE 1-7 VDC
 COIL CURRENT INRUSH 9 AMPS
 HOLD 272 mA AT -55°C
 OPERATE TIME 45 ms AT 18 VDC AT 85°C
 RELEASE TIME 25 ms AT 32 VDC

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

LIFE MECHANICAL 100,000 CYCLES
LIFE ELECTRICAL 50,000 CYCLES

WEIGHT, EST. .88 LBS

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.

FIND NO	QTY	PART OR IDENTIFYING NO	DESCRIPTION	NONNOMENCLATURE OR DESCRIPTION	DRAWING OR SPECIFICATION	FSCN NO	TE PART NO	MATERIAL OR NOTE
3	1	47596-006	NAME PLATE					4-1616975-1
2	1	46095-220	PRIMARY ASSEMBLY					3-1616975-4
1	1	44900-019	SCHEMATIC DIAGRAM					4-1616975-3

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES OR		NONNOMENCLATURE OR DESCRIPTION		DRAWING OR SPECIFICATION		FSCN NO		TE PART NO		MATERIAL OR NOTE	
2 PL DEC.	10 PL DEC.	ANGLE	DR BY	RSS	09/04/06	 28 Harmon Building 175 N. Diamond Street Mansfield, Ohio 44902 CONTACTOR - SPST N.O. DB 500 AMP, 28 VDC DWG NO. K500A3B01 REF TE PN 3-1616975-3					
$\pm .03$	$\pm .015$	$\pm 2^\circ$	CHK BY	CB	11-11-02						
			ENGR	RSS	09/04/06						
			MFG	DWA	11-11-02						
SIZE	CODE IDENT	SCALE		NONE	SHEET 1 OF 1						
B	74063										