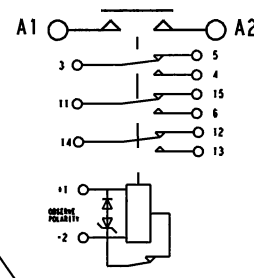
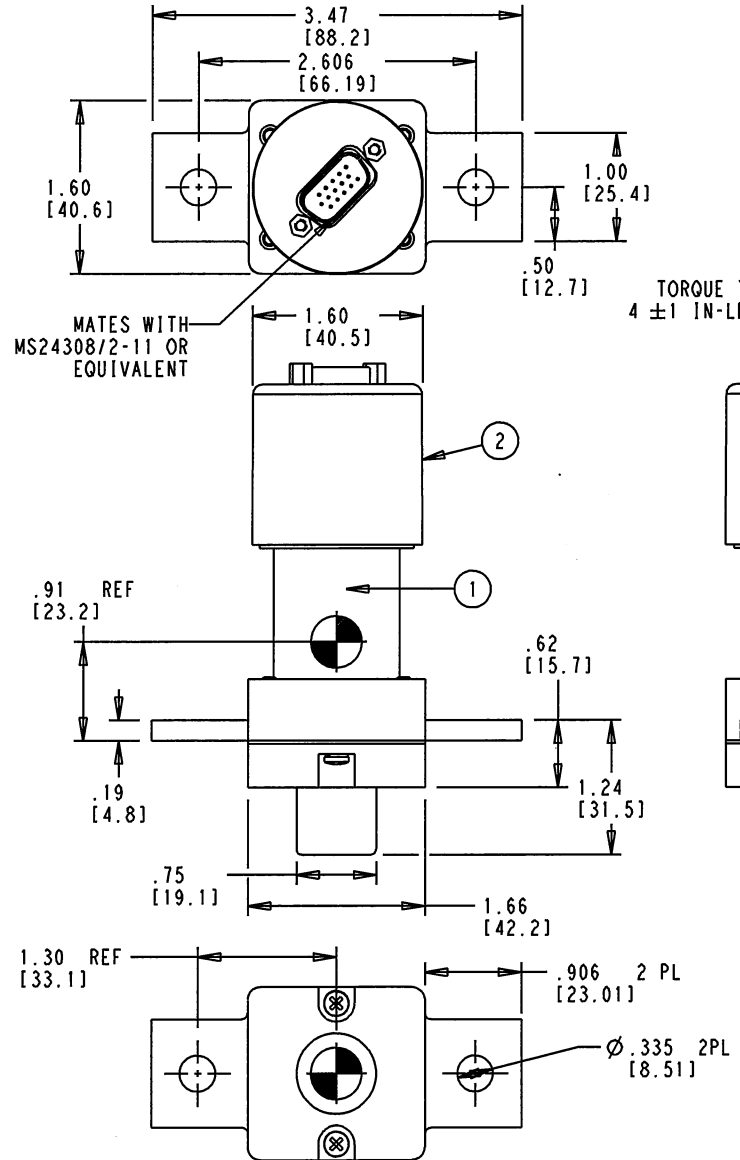


DWG NO 3-1616991-3
THIS DRAWING IS A CONTROLLED DOCUMENT



TORQUE TO
4 ± 1 IN-LBS

CONSTRUCTION		GASKET SEALED
MAIN CONTACTS		SPST N.O. (DOUBLE BREAK)
CONFIGURATION		28 VDC
VOLTAGE		
CURRENT		500 AMPS
RESISTIVE RUPTURE		5000 AMPS
AUXILIARY CONTACTS		3 SPDT
CONFIGURATION		28 VDC
VOLTAGE		
CURRENT		5 AMPS
RESISTIVE LAMP		1 AMP
LOW LEVEL		1 mA AT 28 VDC
COIL DATA		CONTINUOUS (ECONOMIZED)
DUTY CYCLE		28 VDC
NOM. OPERATE VOLTAGE		18 VDC
MAX. PICKUP VOLTAGE		1-7 VDC
DROPOUT VOLTAGE		5 AMPS
INRUSH HOLD		.272 mA MAX AT 32 VDC -55°C
OPERATE TIME		.045 SEC MAX AT 18 VDC AND 85°C
DROPOUT TIME		.025 SEC MAX AT 32 VDC
ENVIRONMENTAL DATA		
TEMPERATURE		-55°C TO 85°C
ALTITUDE		50,000 FEET
LIFE ELECTRICAL		50,000 CYCLES
LIFE MECHANICAL		100,000 CYCLES
WEIGHT, MAX		.88 LBS

- NOTES:
- CONTACTOR MEETS MATERIAL AND WORKMANSHIP REQUIREMENTS OF MIL-PRF-6106L.
 - INSTALLATION TORQUE 56 IN-LBS.
 - AUX CONTACTS ARE GOLD PLATED
 - LOW LEVEL RATING NOT APPLICABLE AFTER APPLICATION OF CURRENT GREATER THAN 125mA.

3	1	47597-004	PLATE SCHEMATIC			1-1616969-9
2	1	46095-260	PRIMARY ASSEMBLY			3-1616991-9
1	1	44899-045	PLATE NAME			4-1616991-0
FIND NO	QTY RECD	PART OR IDENTIFYING NO	NONENCLATURE OR DESCRIPTION	DRAWING OR SPECIFICATION	FSCM NO	TE PART NO
						MATERIAL OR NOTE
CAGE CODE: 74063			DWN	30JAN2013	MATERIAL HEAT TREAT	
Horizon Division 175 N. DIAMOND STREET HANFIELD, OHIO 44902			RSS	25FEB2013		
DIMENSIONS: INCHES [mm]			CHK	26FEB2013		
TOLERANCES UNLESS OTHERWISE SPECIFIED:			APVD	26FEB2013		
0 PLC ±			DWA			
1 PLC ±			NAME CONTACTOR SPST N.O. DB K500B7C02			
2 PLC ± .06			500 AMP 28 VDC			
3 PLC ± .010			SCALE	SIZE	DRAWING NO	SHEET
4 PLC ±			NONE	A3	3-1616991-3	1 OF 1
ANGLE: 1°			REV A			
SURFACE TEXTURE						

LOC					
DIST					
	A	RELEASED	30JAN2013	RSS	MDM
	P	LTR	REVISION RECORD	DATE	DWN
				APVD	

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