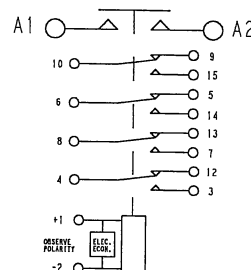
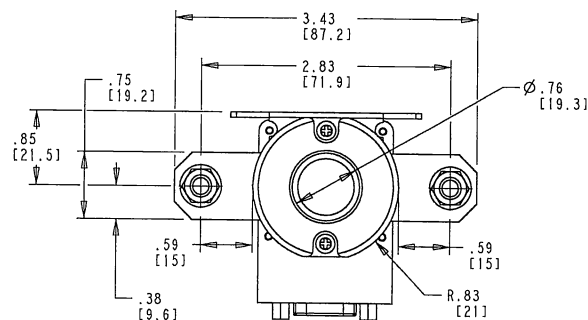


K4001A8C

USED ON

THIS DRAWING IS A CONTROLLED DOCUMENT
P/N NO 9-1616999-1

CONSTRUCTION
MAIN CONTACTS
CONFIGURATION
VOLTAGE
CURRENT

GASKET SEALED

SPST N.O. (DOUBLE BREAK)
28 VDC

RESISTIVE
INDUCTIVE
OVERLOAD
MOTOR

400 AMPS
100 AMPS
2000 AMPS
1875 AMPS FOR 0 TO 5 SEC.
1500 AMPS FOR 5 TO 10 SEC.
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
VOLTAGE
CURRENT

4PDT (FORM C)
28 VDC

RESISTIVE
INDUCTIVE
LAMP

5 AMPS
2 AMPS
1 AMP
10 mA AT 28 VDC
TRANSIENT SUPPRESSION ± 42 VDC

COIL DATA

DUTY CYCLE
MAX OPERATE VOLTAGE
NOM OPERATE VOLTAGE
MAX PICKUP VOLTAGE
DROPOUT VOLTAGE
COIL CURRENT
INRUSH
HOLD

CONTINUOUS (ECONOMIZED)
32.5 VDC
28 VDC
14 VDC AT 25°C
1.5-7 VDC MAX
5.5 AMP MAX AT 25°C
400 mA MAX 25°C

OPERATING CHARACTERISTICS

OPERATE TIME
RELEASE TIME
ENVIRONMENTAL DATA
TEMPERATURE
ALTITUDE
LIFE ELECTRICAL
LIFE MECHANICAL
WEIGHT MAX EST.

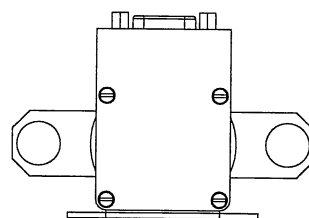
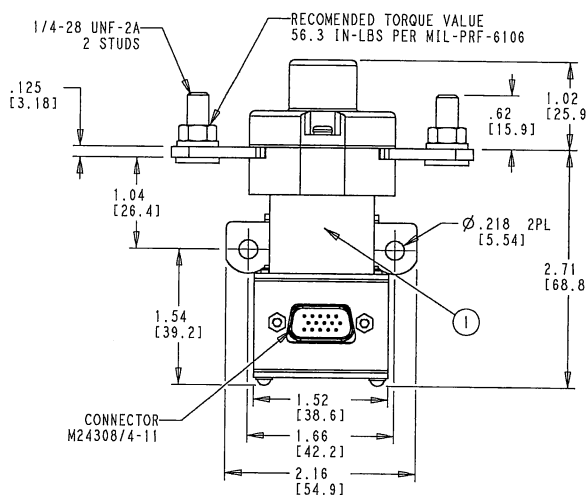
35 MILLISECONDS MAX.
20 MILLISECONDS MAX.
-55°C TO 85°C
51,000 FEET
50,000 CYCLES MIN.
100,000 CYCLES MIN.
.77 LBS.

NOTES:

- AUXILIARY CONTACTS ARE GOLD PLATED.
- 1 MILLIAMPERE RATING DOES NOT APPLY IF CONTACTS HAVE SWITCHED LOADS ABOVE 1 MILLIAMPERE.

5	2	51807-034	1/4 WASHER LOCK SPLIT			3-1616380-0	
4	2	50407-074	1/4-28 NUT			9-1616337-0	
3	1	47619-260	PRIMARY ASSEMBLY			7-2252000-9	
2	1	44900-034	SCHEMATIC DIAGRAM			7-2252000-4	
1	1	44899-055	NAME PLATE			7-2252000-3	

FIND QTY NO (REQ)		PART OR IDENTIFYING NO		NOMENCLATURE OR DESCRIPTION		DRAWING OR SPECIFICATION NO		FSCH TE		MATERIAL OR NOTE	
CAGE CODE: 74063		DWN RSS		12DEC2013		MATERIAL		HEAT TREAT			
DIMENSIONS: INCHES [mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN RSS		7-26-16		7-29-16		STE	
0 PLC $\pm$		1 PLC $\pm .05$		2 PLC $\pm .010$		3 PLC $\pm$		4 PLC $\pm$		TE Connectivity	
ANGLE: 1°		SURFACE TEXTURE		NAME: CONTACTOR - SPST N.O. DB		400 AMP, 28 VDC		K4001A8C		SHEET 1 OF 1	
SCALE: 1:1		SIZE: A2		DRAWING NO: 9-1616999-1		REV: A					

SURFACE USED FOR
BONDING ON AIRCRAFT

A		REL REV 3, AUX CNT WAS 2PDT IS 4PDT		22 JUL 2016		RSS	
LTR		REVISION RECORD		DATE		DWN	

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3307-7 (3/13)

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