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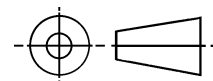
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THIRD ANGLE PROJECTION



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PROCUREMENT SPECIFICATION: MIL-C-5809

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AEROSPACE STANDARD

CIRCUIT BREAKER, TRIP-FREE, PUSH-PULL,
1/2 THRU 20 AMP, TYPE I

AS22073
SHEET 1 OF 4

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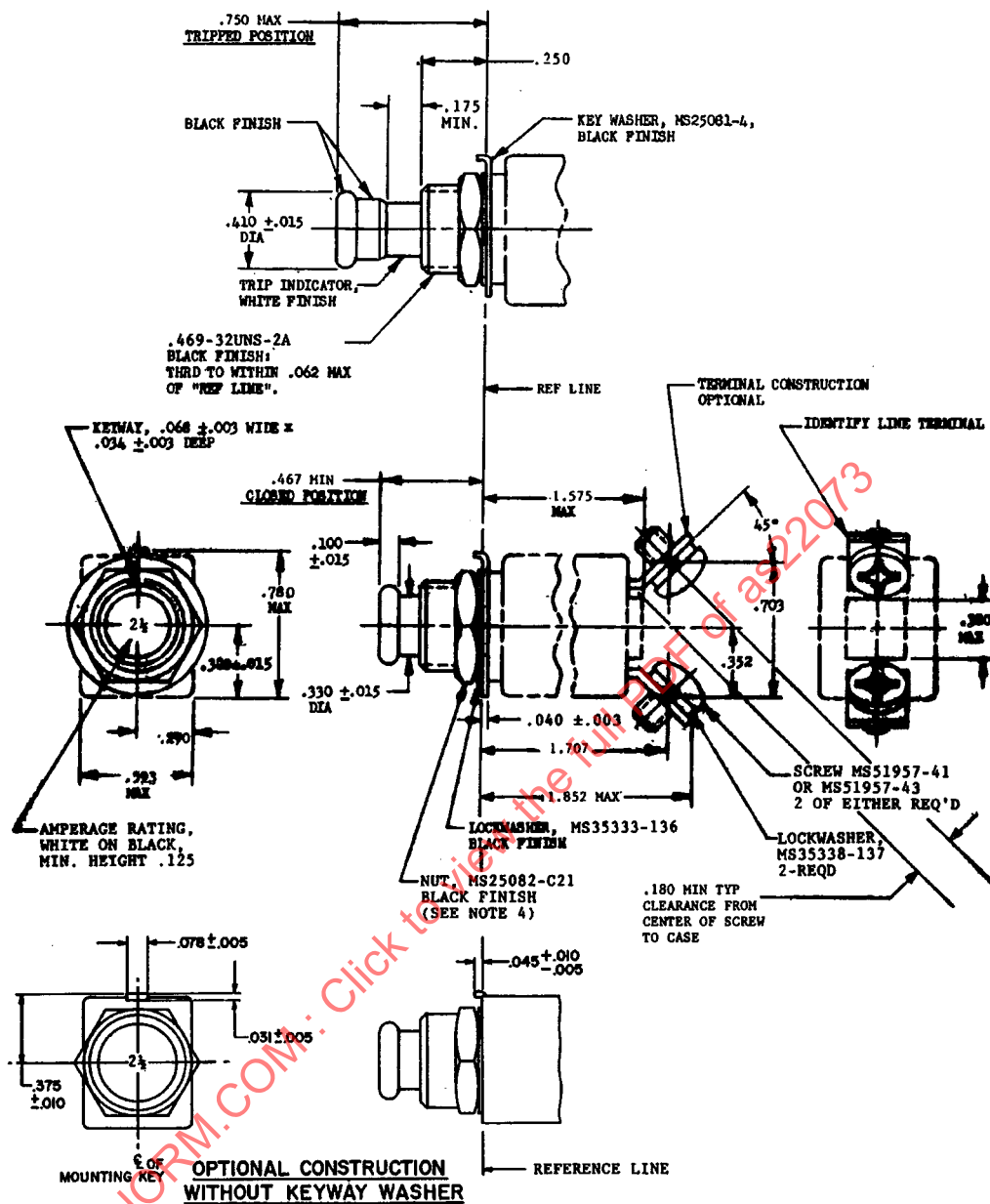


TABLE I

ELECTRICAL AND MECHANICAL CHARACTERISTICS										
DASH NUMBER	NOMINAL CAPACITY (AMPERES)	VOLTAGE DROP MAX.	WEIGHT MAX. (LBS)	OPERATING FORCE MAX. (LBS)		ENDURANCE CYCLES				MECH NO LOAD
				PULLOUT	RESET	RESISTIVE		INDUCTIVE		
AC	DC	AC	DC							
1/2	0.5 (1/2)	2.00	.084	5	5	1/ 5,000	2/ 5,000	1/ 2,500 0.6 to 0.7 LAGGING POWER FACTOR	2/ 2,500	5,500
3/4	0.75 (3/4)	1.45								
1	1	1.10								
1-1/2	1.5 (1-1/2)	0.75								
2	2	0.75								
2-1/2	2.5 (2-1/2)	0.70								
3	3	0.55								
4	4	0.45								
5	5	0.35								
7-1/2	7.5 (7-1/2)	0.30								
10	10	0.28								
15	15	0.25V								
20	20	0.25V								

1/ 400 HZ 115/210 VOLT SYSTEM, TESTED AT 120 $\pm$ 5 VOLTS 380-420 HZ.
 2/ 28 VOLTS DC SYSTEM, TESTED AT 20 $\pm$ 2 VOLTS.

TABLE II

DETAIL CALIBRATION REQUIREMENTS - TRIP TIME IN SECONDS									
NOMINAL CAPACITY (AMPERES)	+25°C					-55°C		+71°C	
	PERCENT RATED CURRENT					PERCENT RATED CURRENT		PERCENT RATED CURRENT	
	115	150	200	500	1000	135	180	90	130
0.5 (1/2)									
0.75 (3/4)									
1									
1.5 (1-1/2)									
2									
2.5 (2-1/2)									
3									
4									
5									
7.5 (7-1/2)									
10									
15									
20									

AMBIENT TEMPERATURE TOLERANCE $\pm$ 2°C.