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**REV.  
B**

**AS21984™**

FEDERAL SUPPLY CLASS  
5925

**RATIONALE**

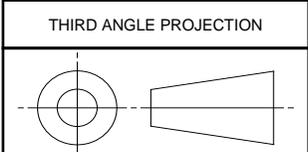
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CUSTODIAN: AE-8/AE-8B1		PROCUREMENT SPECIFICATION: AS58091	
	<b>AEROSPACE STANDARD</b>		<b>AS21984™</b>
	CIRCUIT BREAKER-AIRCRAFT, TRIP-FREE PUSH-PULL, 3-PHASE, 5 THRU 60 AMP., TYPE I		

ISSUED 2004-06 REVISED 2010-12 STABILIZED 2016-01

NOTICE

THE REQUIREMENTS FOR ACQUIRING THE COMPONENTS DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION AND THE LATEST ISSUE OF AS58091

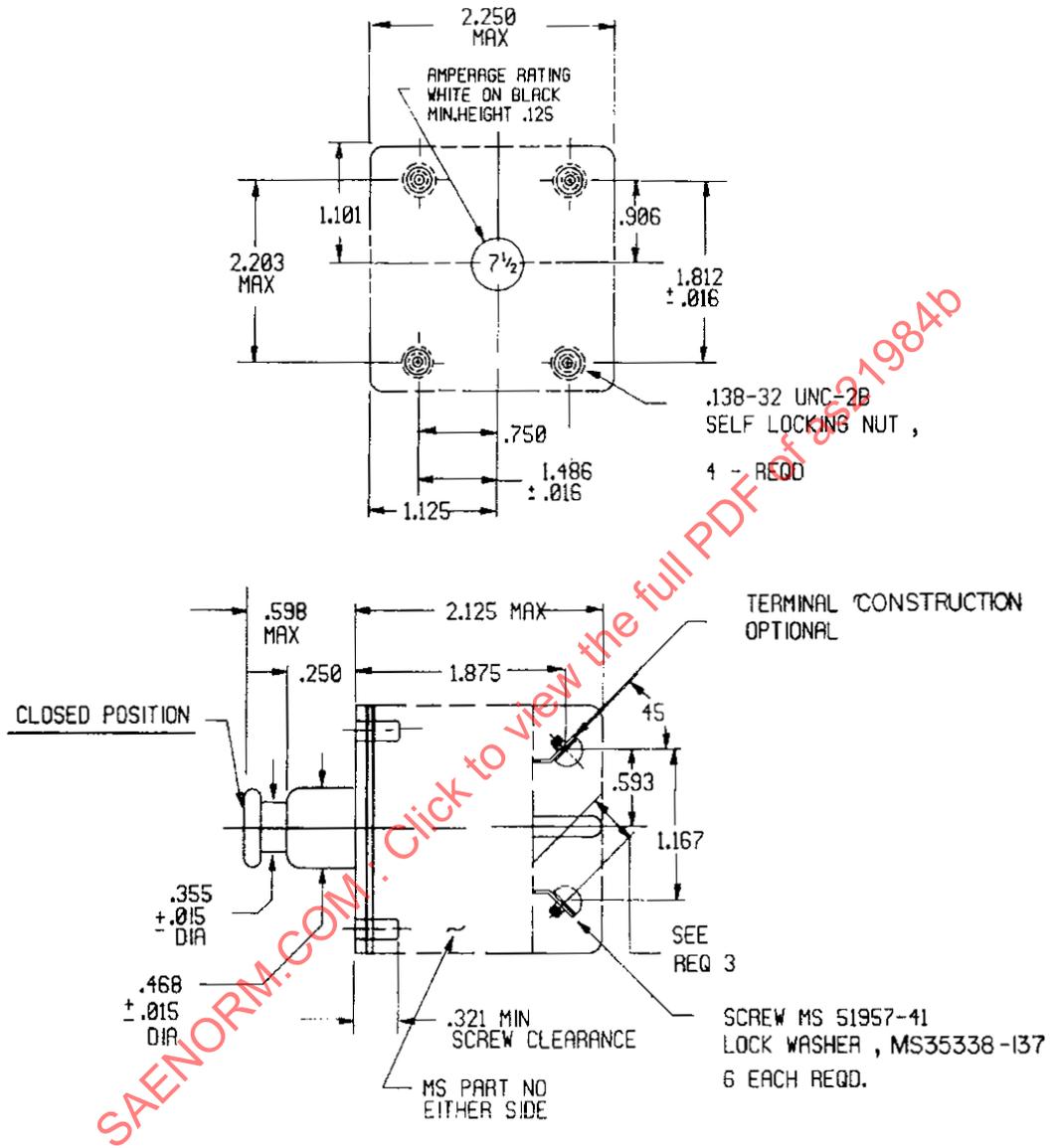


FIGURE 1 - AS21984 CONFIGURATION

	<p><b>AEROSPACE STANDARD</b></p>	<p><b>AS21984™</b> SHEET 1 OF 4</p>	<p><b>REV.</b> <b>B</b></p>
	<p>CIRCUIT BREAKER-AIRCRAFT, TRIP-FREE PUSH-PULL, 3-PHASE, 5 THRU 60 AMP., TYPE I</p>		



TABLE 1 – ELECTRICAL AND MECHANICAL CHARACTERISTICS

Electrical and mechanical characteristics										
Dash Number	Nominal Capacity Amperes	Voltage Drop Max (V)	Weight Max (lbs)	Operating force Max (lbs)		Endurance cycles				MECH NO Load
				Pullout	Reset	Resistive		Inductive		
						AC	DC	AC	DC	
-5	5	0.3	0.5	8	18	(a)	None	(a)	None	5000
-7-1/2	7.5 (7-1/2)	0.3	0.5	8	18	5000	None	5000	None	5000
-10	10	0.3	0.5	8	18	5000	None	5000	None	5000
-15	15	0.3	0.5	8	18	5000	None	5000	None	5000
-20	20	0.3	0.5	8	18	5000	None	5000	None	5000
-25	25	0.3	0.5	8	18	5000	None	5000	None	5000
-30	30	0.3	0.5	8	18	5000	None	5000	None	5000
-35	35	0.3	0.5	8	18	5000	None	5000	None	5000
-50	50	0.3	0.5	8	18	5000	None	5000	None	5000
-60	60	0.3	0.5	8	18	5000	None	5000	None	5000

(a) 400 CYCLE 115/200 VOLT SYSTEM, TESTED AT 120 ±5 VOLTS 380-420 HZ.

TABLE 2 – INTERRUPTION CURRENT REQUIREMENTS

INTERRUPTING CURRENT (AMPERES) REQUIREMENTS												
Nominal Amperage Rating	Test designation per AS58091											
	A		B		C	D	E	F	G		H	
	1 Ø	3Ø	1Ø	3Ø					1 Ø	3 Ø	1 Ø	3 Ø
5	*	*	*	*	*	*	*	*	2500	1500	2500	1500
7.5 (7-1/2)	*	*	*	*	*	*	*	*	2500	1500	2500	1500
10	*	*	*	*	*	*	*	*	2500	1500	2500	1500
15	*	*	*	*	*	*	*	*	2500	1500	2500	1500
20	*	*	*	*	*	*	*	*	2500	1500	2500	1500
25	*	*	*	*	*	*	*	*	2500	1500	2500	1500
30	*	*	*	*	*	*	*	*	2500	1500	2500	1500
35	*	*	*	*	*	*	*	*	2500	1500	2500	1500
50	*	*	*	*	*	*	*	*	2500	1500	2500	1500
60	*	*	*	*	*	*	*	*	2500	1500	2500	1500

(\*) NOT APPLICABLE

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