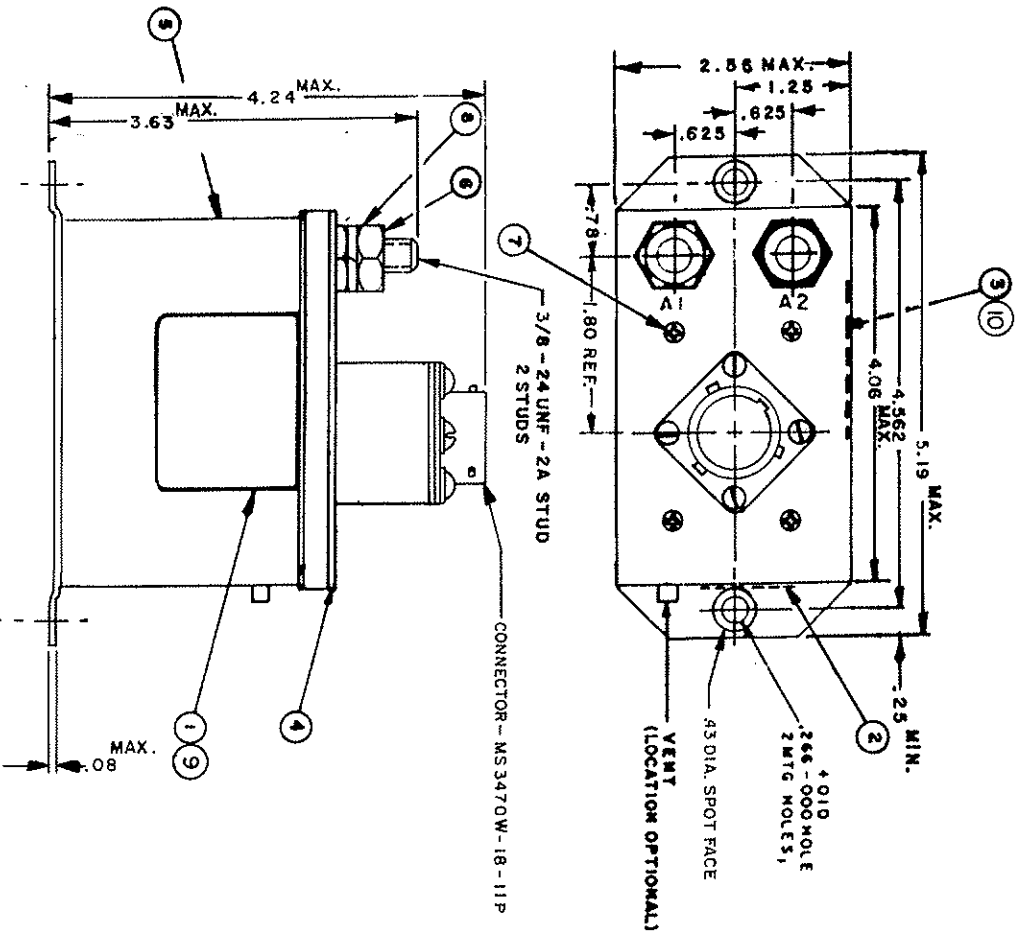
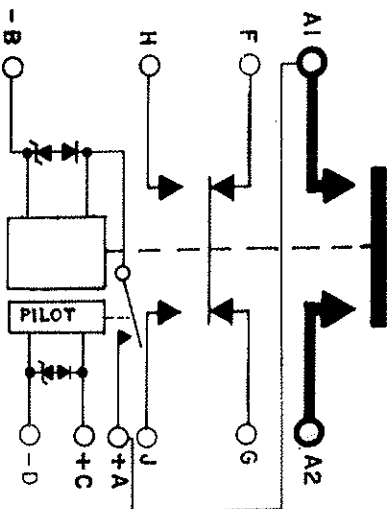


REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
A	ADDED ITEMS 9 & 10	10-14-91	



CONFIGURATION CONTROLLED

NOTES:

1. THIS UNIT MEETS THE MATERIALS & WORKMANSHIP REQUIREMENTS OF MIL - R - 6106
2. REMOVE FINISH FROM MTG. SURFACE

FIND QTY NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	FSCM NO	DRAWING OR SPECIFICATION	MATERIAL OR NOTE
10	39529-038	OVERLAY			
9	39529-001	OVERLAY			
8	51807-084	WASHER-LOCK, 3/8x.688x.094 SP	MS35358-103		BRONZE
7	51200-020	SCREW-NO.4X1/4 SHEET METAL	MS24626-9		STAINLESS STEEL
6	50407-164	NUT, 3/8--24x5/8 #7/32 MEX	MS 35650-33B5		BRASS
5	32687-100	CONTRACTOR ASSEMBLY-PRI.			
4	32232-002	PLATE-BASE COVER			
3	43279-001	PLATE-WIRING DIAGRAM			
2	23695-001	PLATE-WARNING			
1	16043-001	PLATE-NAME			

REF.

MDC
500046-1

DATE	JAN. 5-10-91
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ENGINEER	DE	10/10/10
CHECKED	DE	10/10/10

[illegible]

RELEASE

COMIK NO

HARTMAN ELECTRICAL MANUFACTURING

MANSFIELD, OHIO

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

CONIAC 10K

400 AMP, 28 VOLTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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A-703AK

14003	...
5	...

SHEET 1 OF 2

CONSTRUCTION
MAIN CONTACTS
VOLTAGE (NOMINAL)
CURRENT:

GASKET SEALED (VENTED)
SPST N.O.
28 VDC
400 AMP
1000 AMP FOR 30 SEC.
1500 AMP INRUSH

AUXILIARY CONTACTS
CONFIGURATION
VOLTAGE
CURRENT RES.
SURGE

FORM Z
28 VDC-115V, 400 HZ
5 AMP, 10 AMP CARRY ONLY
30 AMP CARRY ONLY FOR 0.1 SEC.

COIL DATA
DUTY CYCLE
NOMINAL VOLTAGE
PICKUP MAX.
PULL THROUGH

INTERMITTENT
16-31 VDC
10 VDC
6 VDC MAX. AT 77°F
7+0
7-6

RESISTANCE
TRANSIENT SUPPRESSION
OPERATE TIMES
PICKUP
DROPOUT

14 OHM ± 20% AT 77°F
± 45 V MAX.
35 MS MAX. AT 28 VDC
35 MS MAX. AT 28 VDC
.004 SEC. MAX. MAKE
.003 SEC. MAX. BREAK NO. ONLY

CONTACT BOUNCE
ENVIRONMENTAL DATA
AMBIENT TEMP.
LIFE ELECTRICAL
LIFE MECHANICAL
WEIGHT MAX.

-67°F TO +160°F
15,000 CYCLES MIN.
100,000 CYCLES
2 LBS. 3 OZ.

PILOT RELAY

CONTACT CONFIGURATION
VOLTAGE NOMINAL
CURRENT
COIL DUTY
COIL CURRENT AT 31V
PICKUP
DROPOUT
TRANSIENT SUPPRESSION

SPST
28 VDC
5 AMP
CONTINUOUS
.15 AMP MAX.
18V, MAX.
7V, MAX.
± 45 V

NOTE:
DIODES ARE JANTX GLASS CASE 1000 PIV
ZENERS ARE JANTX GLASS CASE

CONFIGURATION CONTROLLED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON		REF.		HARTMAN ELECTRICAL MANUFACTURING MANFIELD, OHIO	
±	2 PL DEC.	±	3 PL DEC.	±	ANGLES
MATERIAL		MDC 5D0046-1		SIZE C	
DR BY		H.A.S. 15-10-91		FSCM NO. 74063	
CHECKED		W.A.S. 5-16-91		DWG NO. A-703AK	
ENGINEER		W.A.S. 5-10-91		SCALE	
MFG.				SHEET 2 OF 2	
RELEASE					
CONTR NO.					
GOVT APPLV					
DASH		NEXT ASSY		USED ON	
NO				APPLICATION	